

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF012025 SAS No.: BF012025 SDG No.: BF012025

Instrument ID: BNA_F Calibration Date/Time: 1/20/2025 1:10:37

Lab File ID: BF141212.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.691	0.649		-6.078	
Pyridine	1.414	1.277		-9.689	
2-Fluorophenol	1.295	1.234		-4.71	
Benzaldehyde	0.966	1.104		14.286	
Aniline	1.456	1.201		-17.514	
Phenol-d6	1.640	1.572		-4.146	
Phenol	1.756	1.659		-5.524	20.0
bis(2-Chloroethyl)ether	1.308	1.256		-3.976	
2-Chlorophenol	1.389	1.356		-2.376	
1,2-Dichlorobenzene	1.456	1.425		-2.129	
1,3-Dichlorobenzene	1.549	1.533		-1.033	
1,4-Dichlorobenzene	1.561	1.522		-2.498	20.0
Benzyl Alcohol	1.184	1.165		-1.605	
2-Methylphenol	1.121	1.090		-2.765	
2,2-oxybis(1-Chloropropane)	1.826	1.644		-9.967	
Acetophenone	0.475	0.460		-3.158	
3+4-Methylphenols	1.415	1.363		-3.675	
n-Nitroso-di-n-propylamine	0.966	0.910	0.050	-5.797	
Nitrobenzene-d5	0.377	0.372		-1.326	
Hexachloroethane	0.565	0.552		-2.301	
Nitrobenzene	0.393	0.384		-2.29	
Isophorone	0.645	0.635		-1.55	
2-Nitrophenol	0.179	0.188		5.028	20.0
2,4-Dimethylphenol	0.241	0.238		-1.245	
bis(2-Chloroethoxy)methane	0.405	0.395		-2.469	
2,4-Dichlorophenol	0.287	0.291		1.394	20.0
1,2,4-Trichlorobenzene	0.328	0.326		-0.61	
Benzoic acid	0.231	0.251		8.658	
Naphthalene	1.055	1.037		-1.706	
4-Chloroaniline	0.365	0.318		-12.877	
Hexachlorobutadiene	0.197	0.198		0.508	20.0
Caprolactam	0.094	0.094		0.0	
4-Chloro-3-methylphenol	0.313	0.319		1.917	20.0
2-Methylnaphthalene	0.672	0.666		-0.893	
Hexachlorocyclopentadiene	0.188	0.196	0.050	4.255	
2,4,6-Trichlorophenol	0.387	0.400		3.359	20.0
2-Fluorobiphenyl	1.310	1.265		-3.435	
2,4,5-Trichlorophenol	0.409	0.408		-0.244	
1,1-Biphenyl	1.553	1.513		-2.576	

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.210	1.184		-2.149	
2-Nitroaniline	0.359	0.356		-0.836	
Dimethylphthalate	1.343	1.332		-0.819	
Acenaphthylene	1.728	1.693		-2.025	
2,6-Dinitrotoluene	0.312	0.314		0.641	
3-Nitroaniline	0.317	0.321		1.262	
Acenaphthene	1.208	1.205		-0.248	20.0
2,4-Dinitrophenol	0.148	0.172	0.050	16.216	
4-Nitrophenol	0.248	0.262	0.050	5.645	
Dibenzofuran	1.642	1.608		-2.071	
2,4-Dinitrotoluene	0.402	0.422		4.975	
Diethylphthalate	1.311	1.307		-0.305	
4-Chlorophenyl-phenylether	0.622	0.621		-0.161	
Fluorene	1.276	1.259		-1.332	
4-Nitroaniline	0.311	0.329		5.788	
4,6-Dinitro-2-methylphenol	0.116	0.140		20.69	
n-Nitrosodiphenylamine	0.645	0.637		-1.24	20.0
Azobenzene	1.293	1.248		-3.48	
2,4,6-Tribromophenol	0.228	0.244		7.018	
4-Bromophenyl-phenylether	0.230	0.236		2.609	
Hexachlorobenzene	0.256	0.269		5.078	
Atrazine	0.174	0.199		14.368	
Pentachlorophenol	0.164	0.177		7.927	20.0
Phenanthrene	1.074	1.075		0.093	
Anthracene	1.044	1.064		1.916	
Carbazole	0.957	0.988		3.239	
Di-n-butylphthalate	1.096	1.156		5.474	
Fluoranthene	1.071	1.155		7.843	20.0
Benzidine	0.371	0.261		-29.65	
Pyrene	1.910	1.736		-9.11	
Terphenyl-d14	1.346	1.246		-7.429	
Butylbenzylphthalate	0.637	0.661		3.768	
3,3-Dichlorobenzidine	0.433	0.378		-12.702	
Benzo(a)anthracene	1.361	1.303		-4.262	
Chrysene	1.274	1.166		-8.477	
Bis(2-ethylhexyl)phthalate	0.764	0.793		3.796	
Di-n-octyl phthalate	1.154	1.147		-0.607	20.0
Benzo(b)fluoranthene	1.290	1.336		3.566	
Benzo(k)fluoranthene	1.090	1.084		-0.55	

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Instrument ID: BNA_F Calibration Date/Time: 1/20/2025 1:10:37

Lab File ID: BF141212.D Init. Calib. Date(s): _____

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

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Benzo(a)pyrene	1.064	1.069		0.47	20.0
Indeno(1,2,3-cd)pyrene	1.465	1.369		-6.553	
Dibenzo(a,h)anthracene	1.185	1.117		-5.738	
Benzo(g,h,i)perylene	1.233	1.134		-8.029	
1,2,4,5-Tetrachlorobenzene	0.574	0.569		-0.871	
1,4-Dioxane	0.577	0.544		-5.719	20.0
2,3,4,6-Tetrachlorophenol	0.340	0.349		2.647	
1-Methylnaphthalene	0.662	0.654		-1.208	

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BF012025 SAS No.: BF012025 SDG No.: BF012025

Instrument ID: BNA_F Calibration Date/Time: 1/20/2025 1:16:58

Lab File ID: BF141226.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040EC Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.691	0.638		-7.67	50.0
Pyridine	1.414	1.270		-10.184	50.0
2-Fluorophenol	1.295	1.230		-5.019	50.0
Benzaldehyde	0.966	1.176		21.739	50.0
Aniline	1.456	1.209		-16.964	50.0
Phenol-d6	1.640	1.569		-4.329	50.0
Phenol	1.756	1.658		-5.581	50.0
bis(2-Chloroethyl)ether	1.308	1.274		-2.599	50.0
2-Chlorophenol	1.389	1.351		-2.736	50.0
1,2-Dichlorobenzene	1.456	1.421		-2.404	50.0
1,3-Dichlorobenzene	1.549	1.509		-2.582	50.0
1,4-Dichlorobenzene	1.561	1.540		-1.345	50.0
Benzyl Alcohol	1.184	1.158		-2.196	50.0
2-Methylphenol	1.121	1.085		-3.211	50.0
2,2-oxybis(1-Chloropropane)	1.826	1.656		-9.31	50.0
Acetophenone	0.475	0.458		-3.579	50.0
3+4-Methylphenols	1.415	1.331		-5.936	50.0
n-Nitroso-di-n-propylamine	0.966	0.912	0.050	-5.59	50.0
Nitrobenzene-d5	0.377	0.373		-1.061	50.0
Hexachloroethane	0.565	0.564		-0.177	50.0
Nitrobenzene	0.393	0.384		-2.29	50.0
Isophorone	0.645	0.633		-1.86	50.0
2-Nitrophenol	0.179	0.191		6.704	50.0
2,4-Dimethylphenol	0.241	0.235		-2.49	50.0
bis(2-Chloroethoxy)methane	0.405	0.405		0.0	50.0
2,4-Dichlorophenol	0.287	0.296		3.136	50.0
1,2,4-Trichlorobenzene	0.328	0.329		0.305	50.0
Benzoic acid	0.231	0.255		10.39	50.0
Naphthalene	1.055	1.038		-1.611	50.0
4-Chloroaniline	0.365	0.310		-15.068	50.0
Hexachlorobutadiene	0.197	0.203		3.046	50.0
Caprolactam	0.094	0.092		-2.128	50.0
4-Chloro-3-methylphenol	0.313	0.312		-0.319	50.0
2-Methylnaphthalene	0.672	0.666		-0.893	50.0
Hexachlorocyclopentadiene	0.188	0.194	0.050	3.191	50.0
2,4,6-Trichlorophenol	0.387	0.389		0.517	50.0
2-Fluorobiphenyl	1.310	1.257		-4.046	50.0
2,4,5-Trichlorophenol	0.409	0.411		0.489	50.0
1,1-Biphenyl	1.553	1.493		-3.863	50.0

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
2-Chloronaphthalene	1.210	1.166		-3.636	50.0
2-Nitroaniline	0.359	0.344		-4.178	50.0
Dimethylphthalate	1.343	1.304		-2.904	50.0
Acenaphthylene	1.728	1.651		-4.456	50.0
2,6-Dinitrotoluene	0.312	0.311		-0.321	50.0
3-Nitroaniline	0.317	0.298		-5.994	50.0
Acenaphthene	1.208	1.177		-2.566	50.0
2,4-Dinitrophenol	0.148	0.167	0.050	12.838	50.0
4-Nitrophenol	0.248	0.231	0.050	-6.855	50.0
Dibenzofuran	1.642	1.570		-4.385	50.0
2,4-Dinitrotoluene	0.402	0.407		1.244	50.0
Diethylphthalate	1.311	1.270		-3.127	50.0
4-Chlorophenyl-phenylether	0.622	0.618		-0.643	50.0
Fluorene	1.276	1.219		-4.467	50.0
4-Nitroaniline	0.311	0.293		-5.788	50.0
4,6-Dinitro-2-methylphenol	0.116	0.141		21.552	50.0
n-Nitrosodiphenylamine	0.645	0.658		2.016	50.0
Azobenzene	1.293	1.213		-6.187	50.0
2,4,6-Tribromophenol	0.228	0.235		3.07	50.0
4-Bromophenyl-phenylether	0.230	0.244		6.087	50.0
Hexachlorobenzene	0.256	0.274		7.031	50.0
Atrazine	0.174	0.198		13.793	50.0
Pentachlorophenol	0.164	0.176		7.317	50.0
Phenanthrene	1.074	1.078		0.372	50.0
Anthracene	1.044	1.048		0.383	50.0
Carbazole	0.957	0.937		-2.09	50.0
Di-n-butylphthalate	1.096	1.144		4.38	50.0
Fluoranthene	1.071	1.059		-1.12	50.0
Benzidine	0.371	0.317		-14.555	50.0
Pyrene	1.910	1.911		0.052	50.0
Terphenyl-d14	1.346	1.362		1.189	50.0
Butylbenzylphthalate	0.637	0.666		4.553	50.0
3,3-Dichlorobenzidine	0.433	0.428		-1.155	50.0
Benzo(a)anthracene	1.361	1.289		-5.29	50.0
Chrysene	1.274	1.233		-3.218	50.0
Bis(2-ethylhexyl)phthalate	0.764	0.785		2.749	50.0
Di-n-octyl phthalate	1.154	1.216		5.373	50.0
Benzo(b)fluoranthene	1.290	1.184		-8.217	50.0
Benzo(k)fluoranthene	1.090	1.058		-2.936	50.0

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Benzo(a)pyrene	1.064	1.040		-2.256	50.0
Indeno(1,2,3-cd)pyrene	1.465	1.455		-0.683	50.0
Dibenzo(a,h)anthracene	1.185	1.189		0.338	50.0
Benzo(g,h,i)perylene	1.233	1.230		-0.243	50.0
1,2,4,5-Tetrachlorobenzene	0.574	0.565		-1.568	50.0
1,4-Dioxane	0.577	0.525		-9.012	50.0
2,3,4,6-Tetrachlorophenol	0.340	0.331		-2.647	50.0
1-Methylnaphthalene	0.662	0.649		-1.964	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166115BL	SDG No.:	BF012025
Lab Sample ID:	PB166115BL	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
BF141213.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166115

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:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166115BL	SDG No.:	BF012025
Lab Sample ID:	PB166115BL	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
BF141213.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166115

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

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166115BL	SDG No.:	BF012025
Lab Sample ID:	PB166115BL	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
BF141213.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166115

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	134.368		10-139		90	SPK: -150
13127-88-3	Phenol-d6	132.11		10-134		88	SPK: -150
4165-60-0	Nitrobenzene-d5	94.055		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	94.258		52-132		94	SPK: -100

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166115BL	SDG No.:	BF012025
Lab Sample ID:	PB166115BL	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
BF141213.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	152.803		44-137		102	SPK: -150
1718-51-0	Terphenyl-d14	87.861		48-125		88	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	162829	6.81				
1146-65-2	Naphthalene-d8	650069	8.092				
15067-26-2	Acenaphthene-d10	350613	9.845				
1517-22-2	Phenanthrene-d10	609458	11.327				
1719-03-5	Chrysene-d12	442806	13.968				
1520-96-3	Perylene-d12	340853	15.433				
TENTATIVE IDENTIFIED COMPOUNDS							
004744-10-9	Propane, 1,1-dimethoxy-	3.6	J			2.252	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.2	A			5.04	

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166115BS	SDG No.:	BF012025
Lab Sample ID:	PB166115BS	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
BF141214.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	47.5		1	8	10	ug/L
110-86-1	Pyridine	42		1.6	4	5	ug/L
100-52-7	Benzaldehyde	8.4	J	4	8	10	ug/L
62-53-3	Aniline	41.4		1.6	4	5	ug/L
108-95-2	Phenol	48.7		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	49.8		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	51.6		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	49.5		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	47.8		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	48		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	52.5		1.6	8	10	ug/L
95-48-7	2-Methylphenol	51		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	48		1.4	4	5	ug/L
98-86-2	Acetophenone	49		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	49.2		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	49.7		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	48.7		1	4	5	ug/L
98-95-3	Nitrobenzene	46.3		1.3	4	5	ug/L
78-59-1	Isophorone	50.8		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	53.8		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	59.7		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	49.3		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	51.3		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	47		1.1	4	5	ug/L
65-85-0	Benzoic acid	50.7		5.5	8	10	ug/L
91-20-3	Naphthalene	48.2		1	4	5	ug/L
106-47-8	4-Chloroaniline	19		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	48.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166115BS	SDG No.:	BF012025
Lab Sample ID:	PB166115BS	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
BF141214.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	50.6		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	51.5		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	49.8		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	190	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	52.4		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	48.8		1	4	5	ug/L
92-52-4	1,1-Biphenyl	48.9		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	47.7		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	49.8		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	50.8		0.93	4	5	ug/L
208-96-8	Acenaphthylene	52.3		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	48.8		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	30.8		1.4	4	5	ug/L
83-32-9	Acenaphthene	55.6		0.81	4	5	ug/L
Total PAH	Total PAH	820.7		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	100	E	2	8	10	ug/L
132-64-9	Dibenzofuran	49.9		0.93	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	100.8		2.7	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	52		1.5	4	5	ug/L
84-66-2	Diethylphthalate	49.8		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	49.7		0.98	4	5	ug/L
86-73-7	Fluorene	49.6		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	50.6		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	61.3		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	51.3		0.89	4	5	ug/L
103-33-3	Azobenzene	49.5		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	52.4		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	53.3		1.1	4	5	ug/L
1912-24-9	Atrazine	66.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166115BS	SDG No.:	BF012025
Lab Sample ID:	PB166115BS	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
BF141214.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	52.6		0.89	4	5	ug/L
120-12-7	Anthracene	55		1.1	4	5	ug/L
86-74-8	Carbazole	52.5		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	53.2		1.5	4	5	ug/L
206-44-0	Fluoranthene	54.6		1.3	4	5	ug/L
92-87-5	Benzidine	43.2		4.1	8	10	ug/L
129-00-0	Pyrene	47.3		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	54.3		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	28.4		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	50.8		0.94	4	5	ug/L
218-01-9	Chrysene	48.4		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	55.7		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	53.8		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	49.8		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	57.2		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	55.5		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49.6		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	49.1		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	45.1		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	49.9		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	41		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	53.1		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	47		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	137.394		10-139		92	SPK: -150
13127-88-3	Phenol-d6	137.468		10-134		92	SPK: -150
4165-60-0	Nitrobenzene-d5	95.84		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	95.778		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166115BS	SDG No.:	BF012025
Lab Sample ID:	PB166115BS	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
BF141214.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	158.45		44-137		106	SPK: -150
1718-51-0	Terphenyl-d14	97.606		48-125		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	157680	6.81				
1146-65-2	Naphthalene-d8	632035	8.092				
15067-26-2	Acenaphthene-d10	344399	9.845				
1517-22-2	Phenanthrene-d10	583291	11.333				
1719-03-5	Chrysene-d12	387847	13.974				
1520-96-3	Perylene-d12	335070	15.433				

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166067TB	SDG No.:	BF012025
Lab Sample ID:	PB166067TB	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
BF141215.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166115

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:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166067TB	SDG No.:	BF012025
Lab Sample ID:	PB166067TB	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
BF141215.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166115

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:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166067TB	SDG No.:	BF012025
Lab Sample ID:	PB166067TB	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
BF141215.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166115

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	128.817		10-139		86	SPK: -150
13127-88-3	Phenol-d6	126.934		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	88.336		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	88.137		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166067TB	SDG No.:	BF012025
Lab Sample ID:	PB166067TB	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
BF141215.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	142.329		44-137		95	SPK: -150
1718-51-0	Terphenyl-d14	83.481		48-125		83	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174592	6.81				
1146-65-2	Naphthalene-d8	707492	8.092				
15067-26-2	Acenaphthene-d10	384555	9.845				
1517-22-2	Phenanthrene-d10	662071	11.328				
1719-03-5	Chrysene-d12	471473	13.969				
1520-96-3	Perylene-d12	371500	15.433				

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166097BS	SDG No.:	BF012025
Lab Sample ID:	PB166097BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141216.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166097

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1700		86.7	270	330	ug/Kg
110-86-1	Pyridine	1500		79.8	130	170	ug/Kg
100-52-7	Benzaldehyde	300	J	180	270	330	ug/Kg
62-53-3	Aniline	1500		96.8	130	170	ug/Kg
108-95-2	Phenol	1700		82.8	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1800		83.6	130	170	ug/Kg
95-57-8	2-Chlorophenol	1800		83.4	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1700		84.5	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1700		85.9	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1700		86.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1800		82.9	270	330	ug/Kg
95-48-7	2-Methylphenol	1800		80.5	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1700		90.8	130	170	ug/Kg
98-86-2	Acetophenone	1700		86.8	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1700		79.7	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1800		40.3	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1700		82.9	130	170	ug/Kg
98-95-3	Nitrobenzene	1600		90.7	130	170	ug/Kg
78-59-1	Isophorone	1800		84.5	130	170	ug/Kg
88-75-5	2-Nitrophenol	1900		94.4	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	2100		93.1	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1700		85.7	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1800		75.4	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1700		85.3	130	170	ug/Kg
65-85-0	Benzoic acid	1800		240	270	330	ug/Kg
91-20-3	Naphthalene	1700		82.5	130	170	ug/Kg
106-47-8	4-Chloroaniline	670		82.5	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1700		83.2	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166097BS	SDG No.:	BF012025
Lab Sample ID:	PB166097BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141216.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166097

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	1800		86.7	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1800		77.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1700		82.4	130	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	6700	E	160	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1900		71.3	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1800		73.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1700		87.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1700		83.2	130	170	ug/Kg
88-74-4	2-Nitroaniline	1800		94.9	130	170	ug/Kg
131-11-3	Dimethylphthalate	1800		81.6	130	170	ug/Kg
208-96-8	Acenaphthylene	1800		86.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		83.1	130	170	ug/Kg
99-09-2	3-Nitroaniline	1100		89.1	130	170	ug/Kg
83-32-9	Acenaphthene	2000		81	130	170	ug/Kg
Total PAH	Total PAH	28900		1323.5	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	4300	E	240	270	330	ug/Kg
100-02-7	4-Nitrophenol	3600	E	120	270	330	ug/Kg
132-64-9	Dibenzofuran	1700		84.3	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		86.1	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3500		169.2	130	340	ug/Kg
84-66-2	Diethylphthalate	1800		80	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700		85.5	130	170	ug/Kg
86-73-7	Fluorene	1700		85.4	130	170	ug/Kg
100-01-6	4-Nitroaniline	1800		110	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200		120	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1800		81.5	130	170	ug/Kg
103-33-3	Azobenzene	1700		79.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1800		78.8	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1800		84.9	130	170	ug/Kg
1912-24-9	Atrazine	2300		91.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166097BS	SDG No.:	BF012025
Lab Sample ID:	PB166097BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141216.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166097

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	3600	E	77.2	270	330	ug/Kg
85-01-8	Phenanthrene	1800		83.9	130	170	ug/Kg
120-12-7	Anthracene	1900		84.3	130	170	ug/Kg
86-74-8	Carbazole	1800		80.2	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1900		84.2	130	170	ug/Kg
206-44-0	Fluoranthene	1900		81.6	130	170	ug/Kg
92-87-5	Benzidine	1800		160	270	330	ug/Kg
129-00-0	Pyrene	1700		82.9	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1900		96.7	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		98.5	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1700		80.6	130	170	ug/Kg
218-01-9	Chrysene	1800		79.4	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900		90.9	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1900		110	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		81	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900		82.5	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	2000		92.9	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1800		78	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1800		81.1	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		80	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800		86.7	130	170	ug/Kg
123-91-1	1,4-Dioxane	1500		110	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		74.6	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1600		83.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	144.905		18-112		97	SPK: -150
13127-88-3	Phenol-d6	144.879		15-107		97	SPK: -150
4165-60-0	Nitrobenzene-d5	101.13		18-107		101	SPK: -100
321-60-8	2-Fluorobiphenyl	100.576		20-109		101	SPK: -100

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166097BS	SDG No.:	BF012025
Lab Sample ID:	PB166097BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141216.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166097

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	169.688		10-116		113	SPK: -150
1718-51-0	Terphenyl-d14	105.901	*	10-105		106	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	154827	6.81				
1146-65-2	Naphthalene-d8	622966	8.092				
15067-26-2	Acenaphthene-d10	333652	9.845				
1517-22-2	Phenanthrene-d10	569457	11.333				
1719-03-5	Chrysene-d12	360421	13.974				
1520-96-3	Perylene-d12	321046	15.427				

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166117BL	SDG No.:	BF012025
Lab Sample ID:	PB166117BL	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
BF141217.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166117

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:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166117BL	SDG No.:	BF012025
Lab Sample ID:	PB166117BL	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
BF141217.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166117

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:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166117BL	SDG No.:	BF012025
Lab Sample ID:	PB166117BL	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
BF141217.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166117

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	143.517		10-139		96	SPK: -150
13127-88-3	Phenol-d6	141.098		10-134		94	SPK: -150
4165-60-0	Nitrobenzene-d5	97.791		49-133		98	SPK: -100
321-60-8	2-Fluorobiphenyl	98.569		52-132		99	SPK: -100

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166117BL	SDG No.:	BF012025
Lab Sample ID:	PB166117BL	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
BF141217.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	161.793		44-137		108	SPK: -150
1718-51-0	Terphenyl-d14	92.335		48-125		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	159319	6.81				
1146-65-2	Naphthalene-d8	644023	8.092				
15067-26-2	Acenaphthene-d10	342991	9.845				
1517-22-2	Phenanthrene-d10	588711	11.328				
1719-03-5	Chrysene-d12	419427	13.969				
1520-96-3	Perylene-d12	332363	15.433				
TENTATIVE IDENTIFIED COMPOUNDS							
004744-10-9	Propane, 1,1-dimethoxy-	3.8	J			2.252	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	9.7	A			5.04	

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166117BS	SDG No.:	BF012025
Lab Sample ID:	PB166117BS	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
BF141218.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	46.5		1	8	10	ug/L
110-86-1	Pyridine	41.2		1.6	4	5	ug/L
100-52-7	Benzaldehyde	8.3	J	4	8	10	ug/L
62-53-3	Aniline	40.7		1.6	4	5	ug/L
108-95-2	Phenol	48.5		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	49.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	51.1		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	49.2		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	47		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	47.3		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	51.3		1.6	8	10	ug/L
95-48-7	2-Methylphenol	50.7		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	47.1		1.4	4	5	ug/L
98-86-2	Acetophenone	47.8		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	48.4		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	49.2		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	48.5		1	4	5	ug/L
98-95-3	Nitrobenzene	45.7		1.3	4	5	ug/L
78-59-1	Isophorone	49.4		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	51.8		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	58.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.3		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	50.3		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	46.2		1.1	4	5	ug/L
65-85-0	Benzoic acid	50.9		5.5	8	10	ug/L
91-20-3	Naphthalene	47.4		1	4	5	ug/L
106-47-8	4-Chloroaniline	18.2		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	47.2		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166117BS	SDG No.:	BF012025
Lab Sample ID:	PB166117BS	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141218.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	47.5		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	49.8		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	48.5		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	190	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	51.3		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	49.2		1	4	5	ug/L
92-52-4	1,1-Biphenyl	48.8		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	47		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	49.2		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	50		0.93	4	5	ug/L
208-96-8	Acenaphthylene	51.3		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	48.7		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	30		1.4	4	5	ug/L
83-32-9	Acenaphthene	55.1		0.81	4	5	ug/L
Total PAH	Total PAH	807.2		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	100	E	2	8	10	ug/L
132-64-9	Dibenzofuran	48.8		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	51.6		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	100.3		2.7	4	10	ug/L
84-66-2	Diethylphthalate	49.5		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	49		0.98	4	5	ug/L
86-73-7	Fluorene	49		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	49.6		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	60.4		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	50.4		0.89	4	5	ug/L
103-33-3	Azobenzene	48.9		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	50.9		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	51.4		1.1	4	5	ug/L
1912-24-9	Atrazine	64.3		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166117BS	SDG No.:	BF012025
Lab Sample ID:	PB166117BS	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
BF141218.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	51.6		0.89	4	5	ug/L
120-12-7	Anthracene	53.6		1.1	4	5	ug/L
86-74-8	Carbazole	51.3		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	52.2		1.5	4	5	ug/L
206-44-0	Fluoranthene	53.3		1.3	4	5	ug/L
92-87-5	Benzidine	55.3		4.1	8	10	ug/L
129-00-0	Pyrene	46		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	53.8		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	29.2		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	47.4		0.94	4	5	ug/L
218-01-9	Chrysene	49.7		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	54.2		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	53.3		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	54.7		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	49.8		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	55.2		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	49.4		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	48.8		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	44.9		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	49.3		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	41.3		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	51.8		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	45.8		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	135.951		10-139		91	SPK: -150
13127-88-3	Phenol-d6	135.312		10-134		90	SPK: -150
4165-60-0	Nitrobenzene-d5	94.673		49-133		95	SPK: -100
321-60-8	2-Fluorobiphenyl	95.361		52-132		95	SPK: -100

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166117BS	SDG No.:	BF012025
Lab Sample ID:	PB166117BS	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
BF141218.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	157.484		44-137		105	SPK: -150
1718-51-0	Terphenyl-d14	96.504		48-125		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	161782	6.81				
1146-65-2	Naphthalene-d8	655900	8.092				
15067-26-2	Acenaphthene-d10	349277	9.845				
1517-22-2	Phenanthrene-d10	596700	11.333				
1719-03-5	Chrysene-d12	391687	13.974				
1520-96-3	Perylene-d12	341954	15.427				

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166117BSD	SDG No.:	BF012025
Lab Sample ID:	PB166117BSD	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
BF141219.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	45.8		1	8	10	ug/L
110-86-1	Pyridine	41.6		1.6	4	5	ug/L
100-52-7	Benzaldehyde	8.2	J	4	8	10	ug/L
62-53-3	Aniline	40.5		1.6	4	5	ug/L
108-95-2	Phenol	47.7		0.93	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	48.2		1.2	4	5	ug/L
95-57-8	2-Chlorophenol	51.1		0.71	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	48.1		0.88	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	46.3		0.8	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	47.2		0.84	4	5	ug/L
100-51-6	Benzyl Alcohol	51.3		1.6	8	10	ug/L
95-48-7	2-Methylphenol	50.5		1.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	46.7		1.4	4	5	ug/L
98-86-2	Acetophenone	48.3		1.1	4	5	ug/L
65794-96-9	3+4-Methylphenols	47.8		1.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.4		1.5	2.5	2.5	ug/L
67-72-1	Hexachloroethane	47.8		1	4	5	ug/L
98-95-3	Nitrobenzene	46.1		1.3	4	5	ug/L
78-59-1	Isophorone	50.4		1.1	4	5	ug/L
88-75-5	2-Nitrophenol	53.3		2	4	5	ug/L
105-67-9	2,4-Dimethylphenol	59.3		1.5	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.9		1	4	5	ug/L
120-83-2	2,4-Dichlorophenol	50.9		0.88	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	47.5		1.1	4	5	ug/L
65-85-0	Benzoic acid	51.1		5.5	8	10	ug/L
91-20-3	Naphthalene	48.1		1	4	5	ug/L
106-47-8	4-Chloroaniline	16.8		1.3	4	5	ug/L
87-68-3	Hexachlorobutadiene	48.5		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166117BSD	SDG No.:	BF012025
Lab Sample ID:	PB166117BSD	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
BF141219.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	50.8		1.7	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	50.9		0.84	4	5	ug/L
91-57-6	2-Methylnaphthalene	49.6		1.1	4	5	ug/L
77-47-4	Hexachlorocyclopentadiene	190	E	5	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	52.5		0.89	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	50.4		1	4	5	ug/L
92-52-4	1,1-Biphenyl	48.9		0.91	4	5	ug/L
91-58-7	2-Chloronaphthalene	47.6		0.97	4	5	ug/L
88-74-4	2-Nitroaniline	49.5		1.4	4	5	ug/L
131-11-3	Dimethylphthalate	50.3		0.93	4	5	ug/L
208-96-8	Acenaphthylene	52.1		1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	48.7		1.2	4	5	ug/L
99-09-2	3-Nitroaniline	29.4		1.4	4	5	ug/L
83-32-9	Acenaphthene	55.9		0.81	4	5	ug/L
Total PAH	Total PAH	819.2		17.36	4	80	ug/L
51-28-5	2,4-Dinitrophenol	120	E	6.4	8	10	ug/L
100-02-7	4-Nitrophenol	100	E	2	8	10	ug/L
132-64-9	Dibenzofuran	49.6		0.93	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	51.7		1.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	100.4		2.7	4	10	ug/L
84-66-2	Diethylphthalate	49.8		1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	49.4		0.98	4	5	ug/L
86-73-7	Fluorene	49.3		0.96	4	5	ug/L
100-01-6	4-Nitroaniline	51.2		2	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	60.8		3.1	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	50.2		0.89	4	5	ug/L
103-33-3	Azobenzene	48.8		1.2	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	51.2		0.95	4	5	ug/L
118-74-1	Hexachlorobenzene	51.6		1.1	4	5	ug/L
1912-24-9	Atrazine	63.9		1.3	4	5	ug/L

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166117BSD	SDG No.:	BF012025
Lab Sample ID:	PB166117BSD	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
BF141219.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	100	E	1.9	8	10	ug/L
85-01-8	Phenanthrene	51.6		0.89	4	5	ug/L
120-12-7	Anthracene	54.1		1.1	4	5	ug/L
86-74-8	Carbazole	51.7		1.2	4	5	ug/L
84-74-2	Di-n-butylphthalate	51.5		1.5	4	5	ug/L
206-44-0	Fluoranthene	53.3		1.3	4	5	ug/L
92-87-5	Benzidine	60.3		4.1	8	10	ug/L
129-00-0	Pyrene	48		1.1	4	5	ug/L
85-68-7	Butylbenzylphthalate	54.8		2.1	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	29.2		1.3	8	10	ug/L
56-55-3	Benzo(a)anthracene	48.7		0.94	4	5	ug/L
218-01-9	Chrysene	49.8		0.86	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	55.1		1.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	52.2		2.5	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	48.8		1.1	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	56.1		1.2	4	5	ug/L
50-32-8	Benzo(a)pyrene	55.5		1.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	51.3		1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	50.8		1.2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	45.8		1.2	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	50.2		1.1	4	5	ug/L
123-91-1	1,4-Dioxane	40.5		1.3	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	53.4		0.79	4	5	ug/L
90-12-0	1-Methylnaphthalene	46.7		0.86	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	134.338		10-139		90	SPK: -150
13127-88-3	Phenol-d6	134.772		10-134		90	SPK: -150
4165-60-0	Nitrobenzene-d5	96.217		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	96.189		52-132		96	SPK: -100

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	PB166117BSD	SDG No.:	BF012025
Lab Sample ID:	PB166117BSD	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
BF141219.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	159.748		44-137		106	SPK: -150
1718-51-0	Terphenyl-d14	99.321		48-125		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	161581	6.81				
1146-65-2	Naphthalene-d8	633827	8.092				
15067-26-2	Acenaphthene-d10	339384	9.845				
1517-22-2	Phenanthrene-d10	582564	11.333				
1719-03-5	Chrysene-d12	369711	13.974				
1520-96-3	Perylene-d12	327689	15.427				

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	TAPIAL1-MW04S-011525-00-T2	SDG No.:	BF012025
Lab Sample ID:	Q1109-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141220.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166117

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

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	TAPIAL1-MW04S-011525-00-T2	SDG No.:	BF012025
Lab Sample ID:	Q1109-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141220.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	2.2	J	1.7	8.2	10.2	ug/L
59-50-7	4-Chloro-3-methylphenol	0.86	U	0.86	4.1	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.2	U	1.2	4.1	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	5.1	U	5.1	8.2	10.2	ug/L
88-06-2	2,4,6-Trichlorophenol	0.91	U	0.91	4.1	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1	U	1	4.1	5.1	ug/L
92-52-4	1,1-Biphenyl	0.93	U	0.93	4.1	5.1	ug/L
91-58-7	2-Chloronaphthalene	0.99	U	0.99	4.1	5.1	ug/L
88-74-4	2-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
131-11-3	Dimethylphthalate	0.95	U	0.95	4.1	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	4.1	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	4.1	5.1	ug/L
99-09-2	3-Nitroaniline	1.4	U	1.4	4.1	5.1	ug/L
83-32-9	Acenaphthene	0.83	U	0.83	4.1	5.1	ug/L
Total PAH	Total PAH	17.66	U	17.66	4.1	81.6	ug/L
51-28-5	2,4-Dinitrophenol	6.6	U	6.6	8.2	10.2	ug/L
100-02-7	4-Nitrophenol	2	U	2	8.2	10.2	ug/L
132-64-9	Dibenzofuran	0.95	U	0.95	4.1	5.1	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2.9	U	2.9	4.1	10.2	ug/L
121-14-2	2,4-Dinitrotoluene	1.6	U	1.6	4.1	5.1	ug/L
84-66-2	Diethylphthalate	1.1	U	1.1	4.1	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1	U	1	4.1	5.1	ug/L
86-73-7	Fluorene	0.98	U	0.98	4.1	5.1	ug/L
100-01-6	4-Nitroaniline	2.1	U	2.1	4.1	5.1	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.1	U	3.1	8.2	10.2	ug/L
86-30-6	n-Nitrosodiphenylamine	0.91	U	0.91	4.1	5.1	ug/L
103-33-3	Azobenzene	1.2	U	1.2	4.1	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.97	U	0.97	4.1	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	4.1	5.1	ug/L
1912-24-9	Atrazine	1.3	U	1.3	4.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	TAPIAL1-MW04S-011525-00-T2	SDG No.:	BF012025
Lab Sample ID:	Q1109-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141220.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.2	10.2	ug/L
85-01-8	Phenanthrene	0.91	U	0.91	4.1	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4.1	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4.1	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4.1	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4.1	5.1	ug/L
92-87-5	Benzidine	4.2	U	4.2	8.2	10.2	ug/L
129-00-0	Pyrene	1.1	U	1.1	4.1	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4.1	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.2	10.2	ug/L
56-55-3	Benzo(a)anthracene	0.96	U	0.96	4.1	5.1	ug/L
218-01-9	Chrysene	0.88	U	0.88	4.1	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4.1	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.6	U	2.6	8.2	10.2	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4.1	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4.1	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4.1	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4.1	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4.1	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4.1	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4.1	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.81	U	0.81	4.1	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.88	U	0.88	4.1	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	74.484		10-139		50	SPK: -150
13127-88-3	Phenol-d6	46.494		10-134		31	SPK: -150
4165-60-0	Nitrobenzene-d5	105.583		49-133		106	SPK: -100
321-60-8	2-Fluorobiphenyl	99.817		52-132		100	SPK: -100

Report of Analysis

Client:		Date Collected:	1/15/2025 12:00:00 AM
Project:		Date Received:	1/15/2025 12:00:00 AM
Client Sample ID:	TAPIAL1-MW04S-011525-00-T2	SDG No.:	BF012025
Lab Sample ID:	Q1109-02	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	980 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
BF141220.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	176.297		44-137		118	SPK: -150
1718-51-0	Terphenyl-d14	93.037		48-125		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	168653	6.81				
1146-65-2	Naphthalene-d8	674085	8.092				
15067-26-2	Acenaphthene-d10	366570	9.845				
1517-22-2	Phenanthrene-d10	632498	11.328				
1719-03-5	Chrysene-d12	448689	13.969				
1520-96-3	Perylene-d12	364729	15.427				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	5	A			5.022	
000057-10-3	n-Hexadecanoic acid	4.3	J			11.857	

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	RW10A-20250116	SDG No.:	BF012025
Lab Sample ID:	Q1122-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141221.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166117

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

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	RW10A-20250116	SDG No.:	BF012025
Lab Sample ID:	Q1122-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141221.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166117

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

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	RW10A-20250116	SDG No.:	BF012025
Lab Sample ID:	Q1122-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141221.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	1.9	U	1.9	8.1	10.1	ug/L
85-01-8	Phenanthrene	0.9	U	0.9	4	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	4	5.1	ug/L
86-74-8	Carbazole	1.2	U	1.2	4	5.1	ug/L
84-74-2	Di-n-butylphthalate	1.5	U	1.5	4	5.1	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	4	5.1	ug/L
92-87-5	Benzidine	4.1	U	4.1	8.1	10.1	ug/L
129-00-0	Pyrene	1.1	U	1.1	4	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.1	U	2.1	4	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.3	U	1.3	8.1	10.1	ug/L
56-55-3	Benzo(a)anthracene	0.95	U	0.95	4	5.1	ug/L
218-01-9	Chrysene	0.87	U	0.87	4	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.9	U	1.9	4	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.5	U	2.5	8.1	10.1	ug/L
205-99-2	Benzo(b)fluoranthene	1.2	U	1.2	4	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.2	U	1.2	4	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.7	U	1.7	4	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1	U	1	4	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	4	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	4	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.1	U	1.1	4	5.1	ug/L
123-91-1	1,4-Dioxane	1.3	U	1.3	4	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	0.8	U	0.8	4	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.87	U	0.87	4	5.1	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	51.242		10-139		34	SPK: -150
13127-88-3	Phenol-d6	30.609		10-134		20	SPK: -150
4165-60-0	Nitrobenzene-d5	86.13		49-133		86	SPK: -100
321-60-8	2-Fluorobiphenyl	88.284		52-132		88	SPK: -100

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	RW10A-20250116	SDG No.:	BF012025
Lab Sample ID:	Q1122-01	Matrix:	Water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	990 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
BF141221.D	1	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166117

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	161.171		44-137		107	SPK: -150
1718-51-0	Terphenyl-d14	80.363		48-125		80	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	158020	6.81				
1146-65-2	Naphthalene-d8	629982	8.092				
15067-26-2	Acenaphthene-d10	340789	9.845				
1517-22-2	Phenanthrene-d10	587345	11.327				
1719-03-5	Chrysene-d12	416765	13.968				
1520-96-3	Perylene-d12	333314	15.427				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	3.7	A			5.01	

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	FILTER CAKEDL	SDG No.:	BF012025
Lab Sample ID:	Q1119-01DL	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
BF141222.D	2	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.6	U	20.6	160	200	ug/L
110-86-1	Pyridine	31	U	31	80	100	ug/L
100-52-7	Benzaldehyde	80	U	80	160	200	ug/L
62-53-3	Aniline	32	U	32	80	100	ug/L
108-95-2	Phenol	59.9	JD	18.6	80	100	ug/L
111-44-4	bis(2-Chloroethyl)ether	23.8	U	23.8	80	100	ug/L
95-57-8	2-Chlorophenol	14.2	U	14.2	80	100	ug/L
95-50-1	1,2-Dichlorobenzene	17.6	U	17.6	80	100	ug/L
541-73-1	1,3-Dichlorobenzene	16	U	16	80	100	ug/L
106-46-7	1,4-Dichlorobenzene	16.8	U	16.8	80	100	ug/L
100-51-6	Benzyl Alcohol	110	JD	32	160	200	ug/L
95-48-7	2-Methylphenol	22.6	U	22.6	80	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	27	U	27	80	100	ug/L
98-86-2	Acetophenone	22	U	22	80	100	ug/L
65794-96-9	3+4-Methylphenols	1000	D	23	160	200	ug/L
621-64-7	n-Nitroso-di-n-propylamine	29.6	U	29.6	50	50	ug/L
67-72-1	Hexachloroethane	20.2	U	20.2	80	100	ug/L
98-95-3	Nitrobenzene	25.4	U	25.4	80	100	ug/L
78-59-1	Isophorone	22.8	U	22.8	80	100	ug/L
88-75-5	2-Nitrophenol	39.2	U	39.2	80	100	ug/L
105-67-9	2,4-Dimethylphenol	30.2	U	30.2	80	100	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	80	100	ug/L
120-83-2	2,4-Dichlorophenol	17.6	U	17.6	80	100	ug/L
120-82-1	1,2,4-Trichlorobenzene	22	U	22	80	100	ug/L
65-85-0	Benzoic acid	180	JD	110	160	200	ug/L
91-20-3	Naphthalene	20.4	U	20.4	80	100	ug/L
106-47-8	4-Chloroaniline	26	U	26	80	100	ug/L
87-68-3	Hexachlorobutadiene	25.4	U	25.4	80	100	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	FILTER CAKEDL	SDG No.:	BF012025
Lab Sample ID:	Q1119-01DL	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
BF141222.D	2	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	33	U	33	160	200	ug/L
59-50-7	4-Chloro-3-methylphenol	16.8	U	16.8	80	100	ug/L
91-57-6	2-Methylnaphthalene	22.6	U	22.6	80	100	ug/L
77-47-4	Hexachlorocyclopentadiene	100	U	100	160	200	ug/L
88-06-2	2,4,6-Trichlorophenol	17.8	U	17.8	80	100	ug/L
95-95-4	2,4,5-Trichlorophenol	20.2	U	20.2	80	100	ug/L
92-52-4	1,1-Biphenyl	18.2	U	18.2	80	100	ug/L
91-58-7	2-Chloronaphthalene	19.4	U	19.4	80	100	ug/L
88-74-4	2-Nitroaniline	28.2	U	28.2	80	100	ug/L
131-11-3	Dimethylphthalate	18.6	U	18.6	80	100	ug/L
208-96-8	Acenaphthylene	20.8	U	20.8	80	100	ug/L
606-20-2	2,6-Dinitrotoluene	24.8	U	24.8	80	100	ug/L
99-09-2	3-Nitroaniline	27.4	U	27.4	80	100	ug/L
83-32-9	Acenaphthene	16.2	U	16.2	80	100	ug/L
Total PAH	Total PAH	345.8	U	345.8	80	1600	ug/L
51-28-5	2,4-Dinitrophenol	130	U	130	160	200	ug/L
100-02-7	4-Nitrophenol	40	U	40	160	200	ug/L
132-64-9	Dibenzofuran	18.6	U	18.6	80	100	ug/L
121-14-2	2,4-Dinitrotoluene	30.4	U	30.4	80	100	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	55.2	U	55.2	80	200	ug/L
84-66-2	Diethylphthalate	20.8	U	20.8	80	100	ug/L
7005-72-3	4-Chlorophenyl-phenylether	19.6	U	19.6	80	100	ug/L
86-73-7	Fluorene	19.2	U	19.2	80	100	ug/L
100-01-6	4-Nitroaniline	40.8	U	40.8	80	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	61.4	U	61.4	160	200	ug/L
86-30-6	n-Nitrosodiphenylamine	17.8	U	17.8	80	100	ug/L
103-33-3	Azobenzene	24	U	24	80	100	ug/L
101-55-3	4-Bromophenyl-phenylether	19	U	19	80	100	ug/L
118-74-1	Hexachlorobenzene	22.8	U	22.8	80	100	ug/L
1912-24-9	Atrazine	25.2	U	25.2	80	100	ug/L

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	FILTER CAKEDL	SDG No.:	BF012025
Lab Sample ID:	Q1119-01DL	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
BF141222.D	2	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	37	U	37	160	200	ug/L
85-01-8	Phenanthrene	17.8	U	17.8	80	100	ug/L
120-12-7	Anthracene	21.4	U	21.4	80	100	ug/L
86-74-8	Carbazole	23	U	23	80	100	ug/L
84-74-2	Di-n-butylphthalate	29.4	U	29.4	80	100	ug/L
206-44-0	Fluoranthene	25.8	U	25.8	80	100	ug/L
92-87-5	Benzidine	81.4	U	81.4	160	200	ug/L
129-00-0	Pyrene	21.2	U	21.2	80	100	ug/L
85-68-7	Butylbenzylphthalate	42	U	42	80	100	ug/L
91-94-1	3,3-Dichlorobenzidine	25.6	U	25.6	160	200	ug/L
56-55-3	Benzo(a)anthracene	18.8	U	18.8	80	100	ug/L
218-01-9	Chrysene	17.2	U	17.2	80	100	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	45.8	JD	37.8	80	100	ug/L
117-84-0	Di-n-octyl phthalate	50	U	50	160	200	ug/L
205-99-2	Benzo(b)fluoranthene	22.8	U	22.8	80	100	ug/L
207-08-9	Benzo(k)fluoranthene	23.8	U	23.8	80	100	ug/L
50-32-8	Benzo(a)pyrene	33.4	U	33.4	80	100	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.4	U	20.4	80	100	ug/L
53-70-3	Dibenzo(a,h)anthracene	23	U	23	80	100	ug/L
191-24-2	Benzo(g,h,i)perylene	23.6	U	23.6	80	100	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	21.8	U	21.8	80	100	ug/L
123-91-1	1,4-Dioxane	25	U	25	80	100	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	15.8	U	15.8	80	100	ug/L
90-12-0	1-Methylnaphthalene	17.2	U	17.2	80	100	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	126.788		10-139		85	SPK: -150
13127-88-3	Phenol-d6	125.14		10-134		83	SPK: -150
4165-60-0	Nitrobenzene-d5	87.428		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	83.194		52-132		83	SPK: -100

Report of Analysis

Client:		Date Collected:	1/16/2025 12:00:00 AM
Project:		Date Received:	1/16/2025 12:00:00 AM
Client Sample ID:	FILTER CAKEDL	SDG No.:	BF012025
Lab Sample ID:	Q1119-01DL	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
BF141222.D	2	1/17/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166115

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	145.88		44-137		97	SPK: -150
1718-51-0	Terphenyl-d14	54.8		48-125		55	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	188854	6.81				
1146-65-2	Naphthalene-d8	752267	8.092				
15067-26-2	Acenaphthene-d10	393863	9.845				
1517-22-2	Phenanthrene-d10	605223	11.328				
1719-03-5	Chrysene-d12	364877	13.974				
1520-96-3	Perylene-d12	398892	15.433				

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	EO-1-011725	SDG No.:	BF012025
Lab Sample ID:	Q1134-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141223.D	5	1/20/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	290	U	290	890	1100	ug/Kg
110-86-1	Pyridine	260	U	260	430	560	ug/Kg
100-52-7	Benzaldehyde	600	U	600	890	1100	ug/Kg
62-53-3	Aniline	320	U	320	430	560	ug/Kg
108-95-2	Phenol	270	U	270	430	560	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	280	U	280	430	560	ug/Kg
95-57-8	2-Chlorophenol	280	U	280	430	560	ug/Kg
95-50-1	1,2-Dichlorobenzene	280	U	280	430	560	ug/Kg
541-73-1	1,3-Dichlorobenzene	280	U	280	430	560	ug/Kg
106-46-7	1,4-Dichlorobenzene	290	U	290	430	560	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	890	1100	ug/Kg
95-48-7	2-Methylphenol	270	U	270	430	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	430	560	ug/Kg
98-86-2	Acetophenone	290	U	290	430	560	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	890	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	270	U	270	430	560	ug/Kg
98-95-3	Nitrobenzene	300	U	300	430	560	ug/Kg
78-59-1	Isophorone	280	U	280	430	560	ug/Kg
88-75-5	2-Nitrophenol	310	U	310	430	560	ug/Kg
105-67-9	2,4-Dimethylphenol	310	U	310	430	560	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	280	430	560	ug/Kg
120-83-2	2,4-Dichlorophenol	250	U	250	430	560	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	280	U	280	430	560	ug/Kg
65-85-0	Benzoic acid	780	U	780	890	1100	ug/Kg
91-20-3	Naphthalene	270	U	270	430	560	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	430	560	ug/Kg
87-68-3	Hexachlorobutadiene	280	U	280	430	560	ug/Kg

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	EO-1-011725	SDG No.:	BF012025
Lab Sample ID:	Q1134-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141223.D	5	1/20/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	290	U	290	890	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	260	U	260	430	560	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	430	560	ug/Kg
77-47-4	Hexachlorocyclopentadiene	520	U	520	890	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	430	560	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	430	560	ug/Kg
92-52-4	1,1-Biphenyl	290	U	290	430	560	ug/Kg
91-58-7	2-Chloronaphthalene	280	U	280	430	560	ug/Kg
88-74-4	2-Nitroaniline	310	U	310	430	560	ug/Kg
131-11-3	Dimethylphthalate	270	U	270	430	560	ug/Kg
208-96-8	Acenaphthylene	290	U	290	430	560	ug/Kg
606-20-2	2,6-Dinitrotoluene	280	U	280	430	560	ug/Kg
99-09-2	3-Nitroaniline	300	U	300	430	560	ug/Kg
83-32-9	Acenaphthene	270	U	270	430	560	ug/Kg
Total PAH	Total PAH	15880	U	4390	430	8960	ug/Kg
51-28-5	2,4-Dinitrophenol	800	U	800	890	1100	ug/Kg
100-02-7	4-Nitrophenol	380	U	380	890	1100	ug/Kg
132-64-9	Dibenzofuran	280	U	280	430	560	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	570	U	570	430	1120	ug/Kg
121-14-2	2,4-Dinitrotoluene	290	U	290	430	560	ug/Kg
84-66-2	Diethylphthalate	270	U	270	430	560	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	430	560	ug/Kg
86-73-7	Fluorene	300	J	280	430	560	ug/Kg
100-01-6	4-Nitroaniline	350	U	350	430	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390	U	390	890	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270	U	270	430	560	ug/Kg
103-33-3	Azobenzene	260	U	260	430	560	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	260	430	560	ug/Kg
118-74-1	Hexachlorobenzene	280	U	280	430	560	ug/Kg
1912-24-9	Atrazine	300	U	300	430	560	ug/Kg

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	EO-1-011725	SDG No.:	BF012025
Lab Sample ID:	Q1134-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.01 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141223.D	5	1/20/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	260	U	260	890	1100	ug/Kg
85-01-8	Phenanthrene	1800		280	430	560	ug/Kg
120-12-7	Anthracene	590		280	430	560	ug/Kg
86-74-8	Carbazole	270	U	270	430	560	ug/Kg
84-74-2	Di-n-butylphthalate	280	U	280	430	560	ug/Kg
206-44-0	Fluoranthene	2900		270	430	560	ug/Kg
92-87-5	Benzidine	540	U	540	890	1100	ug/Kg
129-00-0	Pyrene	1800		270	430	560	ug/Kg
85-68-7	Butylbenzylphthalate	320	U	320	430	560	ug/Kg
91-94-1	3,3-Dichlorobenzidine	330	U	330	890	1100	ug/Kg
56-55-3	Benzo(a)anthracene	1500		270	430	560	ug/Kg
218-01-9	Chrysene	1300		260	430	560	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300	U	300	430	560	ug/Kg
117-84-0	Di-n-octyl phthalate	360	U	360	890	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	2100		270	430	560	ug/Kg
207-08-9	Benzo(k)fluoranthene	650		270	430	560	ug/Kg
50-32-8	Benzo(a)pyrene	1600		310	430	560	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	640		260	430	560	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270	U	270	430	560	ug/Kg
191-24-2	Benzo(g,h,i)perylene	700		270	430	560	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	430	560	ug/Kg
123-91-1	1,4-Dioxane	360	U	360	430	560	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	430	560	ug/Kg
90-12-0	1-Methylnaphthalene	280	U	280	560	560	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	79.125		18-112		53	SPK: -150
13127-88-3	Phenol-d6	76.64		15-107		51	SPK: -150
4165-60-0	Nitrobenzene-d5	55.99		18-107		56	SPK: -100
321-60-8	2-Fluorobiphenyl	65.12		20-109		65	SPK: -100

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	EO-1-011725	SDG No.:	BF012025
Lab Sample ID:	Q1134-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141223.D	5	1/20/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	68.03		10-116		45	SPK: -150
1718-51-0	Terphenyl-d14	44.985		10-105		45	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	176141	6.81				
1146-65-2	Naphthalene-d8	654737	8.092				
15067-26-2	Acenaphthene-d10	312879	9.845				
1517-22-2	Phenanthrene-d10	424926	11.328				
1719-03-5	Chrysene-d12	330728	13.969				
1520-96-3	Perylene-d12	284129	15.427				
TENTATIVE IDENTIFIED COMPOUNDS							
000124-18-5	Decane	390	J			6.645	
001074-43-7	Benzene, 1-methyl-3-propyl-	400	J			7.087	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	380	J			7.61	
000934-10-1	3-Phenylbut-1-ene	430	J			7.834	
1000309-19-3	Sulfurous acid, decyl 2-ethylhexyl	330	J			8.516	
000629-50-5	Tridecane	450	J			8.681	
003891-98-3	Dodecane, 2,6,10-trimethyl-	430	J			9.11	
000629-59-4	Tetradecane	780	J			9.245	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	380	J			9.569	
000544-76-3	Hexadecane	560	J			9.781	
055045-08-4	Dodecane, 2-methyl-6-propyl-	430	J			10.275	
000629-78-7	Heptadecane	640	J			10.751	
000593-49-7	Heptacosane	360	J			11.198	
000112-39-0	Hexadecanoic acid, methyl ester	1700	J			11.727	
000057-10-3	n-Hexadecanoic acid	1000	J			11.857	
000203-64-5	4H-Cyclopenta[def]phenanthrene	650	J			11.939	
002566-97-4	9,12-Octadecadienoic acid, methyl	3400	J			12.416	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	4100	J			12.433	
000057-11-4	Octadecanoic acid	360	J			12.645	

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	EO-1-011725	SDG No.:	BF012025
Lab Sample ID:	Q1134-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.4
Sample Wt/Vol:	50.01	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141223.D	5	1/20/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	1100	J			15.304	

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	HD-2-011725	SDG No.:	BF012025
Lab Sample ID:	Q1132-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141224.D	5	1/20/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	300	U	300	930	1100	ug/Kg
110-86-1	Pyridine	280	U	280	450	590	ug/Kg
100-52-7	Benzaldehyde	630	U	630	930	1100	ug/Kg
62-53-3	Aniline	330	U	330	450	590	ug/Kg
108-95-2	Phenol	290	U	290	450	590	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	290	U	290	450	590	ug/Kg
95-57-8	2-Chlorophenol	290	U	290	450	590	ug/Kg
95-50-1	1,2-Dichlorobenzene	290	U	290	450	590	ug/Kg
541-73-1	1,3-Dichlorobenzene	300	U	300	450	590	ug/Kg
106-46-7	1,4-Dichlorobenzene	300	U	300	450	590	ug/Kg
100-51-6	Benzyl Alcohol	290	U	290	930	1100	ug/Kg
95-48-7	2-Methylphenol	280	U	280	450	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	310	450	590	ug/Kg
98-86-2	Acetophenone	300	U	300	450	590	ug/Kg
65794-96-9	3+4-Methylphenols	280	U	280	930	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	140	U	140	280	280	ug/Kg
67-72-1	Hexachloroethane	290	U	290	450	590	ug/Kg
98-95-3	Nitrobenzene	310	U	310	450	590	ug/Kg
78-59-1	Isophorone	290	U	290	450	590	ug/Kg
88-75-5	2-Nitrophenol	330	U	330	450	590	ug/Kg
105-67-9	2,4-Dimethylphenol	320	U	320	450	590	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	300	U	300	450	590	ug/Kg
120-83-2	2,4-Dichlorophenol	260	U	260	450	590	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	290	U	290	450	590	ug/Kg
65-85-0	Benzoic acid	820	U	820	930	1100	ug/Kg
91-20-3	Naphthalene	980		280	450	590	ug/Kg
106-47-8	4-Chloroaniline	280	U	280	450	590	ug/Kg
87-68-3	Hexachlorobutadiene	290	U	290	450	590	ug/Kg

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	HD-2-011725	SDG No.:	BF012025
Lab Sample ID:	Q1132-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141224.D	5	1/20/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	300	U	300	930	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	270	U	270	450	590	ug/Kg
91-57-6	2-Methylnaphthalene	1100		280	450	590	ug/Kg
77-47-4	Hexachlorocyclopentadiene	540	U	540	930	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	250	U	250	450	590	ug/Kg
95-95-4	2,4,5-Trichlorophenol	260	U	260	450	590	ug/Kg
92-52-4	1,1-Biphenyl	300	U	300	450	590	ug/Kg
91-58-7	2-Chloronaphthalene	290	U	290	450	590	ug/Kg
88-74-4	2-Nitroaniline	330	U	330	450	590	ug/Kg
131-11-3	Dimethylphthalate	280	U	280	450	590	ug/Kg
208-96-8	Acenaphthylene	300	U	300	450	590	ug/Kg
606-20-2	2,6-Dinitrotoluene	290	U	290	450	590	ug/Kg
99-09-2	3-Nitroaniline	310	U	310	450	590	ug/Kg
83-32-9	Acenaphthene	870		280	450	590	ug/Kg
Total PAH	Total PAH	36750		4560	450	9440	ug/Kg
51-28-5	2,4-Dinitrophenol	840	U	840	930	1100	ug/Kg
100-02-7	4-Nitrophenol	400	U	400	930	1100	ug/Kg
132-64-9	Dibenzofuran	750		290	450	590	ug/Kg
121-14-2	2,4-Dinitrotoluene	300	U	300	450	590	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	590	U	590	450	1180	ug/Kg
84-66-2	Diethylphthalate	280	U	280	450	590	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	300	U	300	450	590	ug/Kg
86-73-7	Fluorene	1600		290	450	590	ug/Kg
100-01-6	4-Nitroaniline	370	U	370	450	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400	U	400	930	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	280	U	280	450	590	ug/Kg
103-33-3	Azobenzene	270	U	270	450	590	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270	U	270	450	590	ug/Kg
118-74-1	Hexachlorobenzene	290	U	290	450	590	ug/Kg
1912-24-9	Atrazine	320	U	320	450	590	ug/Kg

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	HD-2-011725	SDG No.:	BF012025
Lab Sample ID:	Q1132-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.03 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141224.D	5	1/20/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	270	U	270	930	1100	ug/Kg
85-01-8	Phenanthrene	8000		290	450	590	ug/Kg
120-12-7	Anthracene	2400		290	450	590	ug/Kg
86-74-8	Carbazole	650		280	450	590	ug/Kg
84-74-2	Di-n-butylphthalate	290	U	290	450	590	ug/Kg
206-44-0	Fluoranthene	6500		280	450	590	ug/Kg
92-87-5	Benzidine	560	U	560	930	1100	ug/Kg
129-00-0	Pyrene	3800		290	450	590	ug/Kg
85-68-7	Butylbenzylphthalate	330	U	330	450	590	ug/Kg
91-94-1	3,3-Dichlorobenzidine	340	U	340	930	1100	ug/Kg
56-55-3	Benzo(a)anthracene	2700		280	450	590	ug/Kg
218-01-9	Chrysene	2100		270	450	590	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310	U	310	450	590	ug/Kg
117-84-0	Di-n-octyl phthalate	380	U	380	930	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	2500		280	450	590	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		280	450	590	ug/Kg
50-32-8	Benzo(a)pyrene	2400		320	450	590	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	830		270	450	590	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	280	U	280	450	590	ug/Kg
191-24-2	Benzo(g,h,i)perylene	870		280	450	590	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	300	U	300	450	590	ug/Kg
123-91-1	1,4-Dioxane	380	U	380	450	590	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	260	U	260	450	590	ug/Kg
90-12-0	1-Methylnaphthalene	860		290	590	590	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	88.39		18-112		59	SPK: -150
13127-88-3	Phenol-d6	85.6		15-107		57	SPK: -150
4165-60-0	Nitrobenzene-d5	60.57		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	72.83		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	HD-2-011725	SDG No.:	BF012025
Lab Sample ID:	Q1132-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141224.D	5	1/20/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	74.715		10-116		50	SPK: -150
1718-51-0	Terphenyl-d14	48.665		10-105		49	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	156614	6.81				
1146-65-2	Naphthalene-d8	584725	8.092				
15067-26-2	Acenaphthene-d10	264991	9.845				
1517-22-2	Phenanthrene-d10	358268	11.327				
1719-03-5	Chrysene-d12	315369	13.974				
1520-96-3	Perylene-d12	272616	15.433				
TENTATIVE IDENTIFIED COMPOUNDS							
000939-27-5	Naphthalene, 2-ethyl-	340	J			9.363	
000581-42-0	Naphthalene, 2,6-dimethyl-	870	J			9.428	
000581-40-8	Naphthalene, 2,3-dimethyl-	970	J			9.504	
000582-16-1	Naphthalene, 2,7-dimethyl-	420	J			9.528	
000571-61-9	Naphthalene, 1,5-dimethyl-	520	J			9.622	
001127-76-0	Naphthalene, 1-ethyl-	360	J			9.704	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	270	J			9.951	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	250	J			10.157	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	250	J			10.251	
006344-67-8	9H-Fluoren-3-ol	360	J			10.551	
000233-02-3	Naphtho[2,1-b]thiophene	240	J			11.227	
002531-84-2	Phenanthrene, 2-methyl-	290	J			11.833	
000832-69-9	Phenanthrene, 1-methyl-	390	J			11.857	
000203-64-5	4H-Cyclopenta[def]phenanthrene	650	J			11.945	
000612-94-2	Naphthalene, 2-phenyl-	230	J			12.127	
002381-21-7	Pyrene, 1-methyl-	240	J			12.992	
000243-17-4	11H-Benzo[b]fluorene	610	J			13.098	
033543-31-6	Fluoranthene, 2-methyl-	450	J			13.169	
000611-48-3	Naphthalene, 1-(2-naphthalenyl)meth	560	J			14.363	

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	HD-2-011725	SDG No.:	BF012025
Lab Sample ID:	Q1132-04	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	13.1
Sample Wt/Vol:	50.03	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
		Level :	LOW
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141224.D	5	1/20/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000192-97-2	Benzo[e]pyrene	1600	J			15.31	

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	TR-04-1172025	SDG No.:	BF012025
Lab Sample ID:	Q1133-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141225.D	5	1/20/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	280	U	280	890	1100	ug/Kg
110-86-1	Pyridine	260	U	260	430	560	ug/Kg
100-52-7	Benzaldehyde	600	U	600	890	1100	ug/Kg
62-53-3	Aniline	320	U	320	430	560	ug/Kg
108-95-2	Phenol	270	U	270	430	560	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	270	U	270	430	560	ug/Kg
95-57-8	2-Chlorophenol	270	U	270	430	560	ug/Kg
95-50-1	1,2-Dichlorobenzene	280	U	280	430	560	ug/Kg
541-73-1	1,3-Dichlorobenzene	280	U	280	430	560	ug/Kg
106-46-7	1,4-Dichlorobenzene	280	U	280	430	560	ug/Kg
100-51-6	Benzyl Alcohol	270	U	270	890	1100	ug/Kg
95-48-7	2-Methylphenol	260	U	260	430	560	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	300	U	300	430	560	ug/Kg
98-86-2	Acetophenone	290	U	290	430	560	ug/Kg
65794-96-9	3+4-Methylphenols	260	U	260	890	1100	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	130	U	130	260	260	ug/Kg
67-72-1	Hexachloroethane	270	U	270	430	560	ug/Kg
98-95-3	Nitrobenzene	300	U	300	430	560	ug/Kg
78-59-1	Isophorone	280	U	280	430	560	ug/Kg
88-75-5	2-Nitrophenol	310	U	310	430	560	ug/Kg
105-67-9	2,4-Dimethylphenol	310	U	310	430	560	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	280	U	280	430	560	ug/Kg
120-83-2	2,4-Dichlorophenol	250	U	250	430	560	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	280	U	280	430	560	ug/Kg
65-85-0	Benzoic acid	780	U	780	890	1100	ug/Kg
91-20-3	Naphthalene	270	U	270	430	560	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	430	560	ug/Kg
87-68-3	Hexachlorobutadiene	270	U	270	430	560	ug/Kg

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	TR-04-1172025	SDG No.:	BF012025
Lab Sample ID:	Q1133-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.08	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141225.D	5	1/20/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
105-60-2	Caprolactam	280	U	280	890	1100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	250	U	250	430	560	ug/Kg
91-57-6	2-Methylnaphthalene	270	U	270	430	560	ug/Kg
77-47-4	Hexachlorocyclopentadiene	510	U	510	890	1100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230	U	230	430	560	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	430	560	ug/Kg
92-52-4	1,1-Biphenyl	290	U	290	430	560	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	430	560	ug/Kg
88-74-4	2-Nitroaniline	310	U	310	430	560	ug/Kg
131-11-3	Dimethylphthalate	270	U	270	430	560	ug/Kg
208-96-8	Acenaphthylene	280	U	280	430	560	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	430	560	ug/Kg
99-09-2	3-Nitroaniline	290	U	290	430	560	ug/Kg
83-32-9	Acenaphthene	270	U	270	430	560	ug/Kg
Total PAH	Total PAH	4360	U	4360	430	8960	ug/Kg
51-28-5	2,4-Dinitrophenol	800	U	800	890	1100	ug/Kg
100-02-7	4-Nitrophenol	380	U	380	890	1100	ug/Kg
132-64-9	Dibenzofuran	280	U	280	430	560	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	550	U	550	430	1120	ug/Kg
121-14-2	2,4-Dinitrotoluene	280	U	280	430	560	ug/Kg
84-66-2	Diethylphthalate	260	U	260	430	560	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	430	560	ug/Kg
86-73-7	Fluorene	280	U	280	430	560	ug/Kg
100-01-6	4-Nitroaniline	350	U	350	430	560	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	380	U	380	890	1100	ug/Kg
86-30-6	n-Nitrosodiphenylamine	270	U	270	430	560	ug/Kg
103-33-3	Azobenzene	260	U	260	430	560	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	260	430	560	ug/Kg
118-74-1	Hexachlorobenzene	280	U	280	430	560	ug/Kg
1912-24-9	Atrazine	300	U	300	430	560	ug/Kg

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	TR-04-1172025	SDG No.:	BF012025
Lab Sample ID:	Q1133-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141225.D	5	1/20/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
87-86-5	Pentachlorophenol	250	U	250	890	1100	ug/Kg
85-01-8	Phenanthrene	280	U	280	430	560	ug/Kg
120-12-7	Anthracene	280	U	280	430	560	ug/Kg
86-74-8	Carbazole	260	U	260	430	560	ug/Kg
84-74-2	Di-n-butylphthalate	280	U	280	430	560	ug/Kg
206-44-0	Fluoranthene	500	J	270	430	560	ug/Kg
92-87-5	Benzidine	530	U	530	890	1100	ug/Kg
129-00-0	Pyrene	380	J	270	430	560	ug/Kg
85-68-7	Butylbenzylphthalate	320	U	320	430	560	ug/Kg
91-94-1	3,3-Dichlorobenzidine	320	U	320	890	1100	ug/Kg
56-55-3	Benzo(a)anthracene	260	U	260	430	560	ug/Kg
218-01-9	Chrysene	280	J	260	430	560	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300	U	300	430	560	ug/Kg
117-84-0	Di-n-octyl phthalate	360	U	360	890	1100	ug/Kg
205-99-2	Benzo(b)fluoranthene	420	J	270	430	560	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	U	270	430	560	ug/Kg
50-32-8	Benzo(a)pyrene	380	J	310	430	560	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	260	U	260	430	560	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	270	U	270	430	560	ug/Kg
191-24-2	Benzo(g,h,i)perylene	260	U	260	430	560	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	280	U	280	430	560	ug/Kg
123-91-1	1,4-Dioxane	360	U	360	430	560	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	250	U	250	430	560	ug/Kg
90-12-0	1-Methylnaphthalene	270	U	270	560	560	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	76.975		18-112		51	SPK: -150
13127-88-3	Phenol-d6	82.63		15-107		55	SPK: -150
4165-60-0	Nitrobenzene-d5	59.68		18-107		60	SPK: -100
321-60-8	2-Fluorobiphenyl	73.495		20-109		73	SPK: -100

Report of Analysis

Client:		Date Collected:	1/17/2025 12:00:00 AM
Project:		Date Received:	1/17/2025 12:00:00 AM
Client Sample ID:	TR-04-1172025	SDG No.:	BF012025
Lab Sample ID:	Q1133-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.7
Sample Wt/Vol:	50.08 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF141225.D	5	1/20/2025 12:00:00 AM	1/20/2025 12:00:00 AM	PB166129

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
118-79-6	2,4,6-Tribromophenol	30.605		10-116		20	SPK: -150
1718-51-0	Terphenyl-d14	50.43		10-105		50	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151384	6.81				
1146-65-2	Naphthalene-d8	551408	8.092				
15067-26-2	Acenaphthene-d10	249752	9.845				
1517-22-2	Phenanthrene-d10	353730	11.328				
1719-03-5	Chrysene-d12	309488	13.969				
1520-96-3	Perylene-d12	252186	15.439				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	320	J			11.857	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	1300	J			12.433	

Hit Summary Sheet SW-846

SDG No.: BF012025

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : TAPIAL1-MW04S-011525-00-T2								
Q1109-02	TAPIAL1-MW04S-01152	Water	2-Pentanone, 4-hydroxy-4-methyl *	5.000	A			
Q1109-02	TAPIAL1-MW04S-01152	Water	n-Hexadecanoic acid *	4.300	J			
			Total Tics :			9.30		
Q1109-02	TAPIAL1-MW04S-01152	Water	Caprolactam	2.200	J	1.7	10.2	ug/L
			Total Svoc :			2.20		
			Total Concentration:			11.50		
Client ID : FILTER CAKEDL								
Q1119-01DL	FILTER CAKEDL	water	3+4-Methylphenols	1,000.000	D	23	200	ug/L
Q1119-01DL	FILTER CAKEDL	water	Benzoic acid	180.000	JD	110	200	ug/L
Q1119-01DL	FILTER CAKEDL	water	Benzyl Alcohol	110.000	JD	32	200	ug/L
Q1119-01DL	FILTER CAKEDL	water	Bis(2-ethylhexyl)phthalate	45.800	JD	37.8	100	ug/L
Q1119-01DL	FILTER CAKEDL	water	Phenol	59.900	JD	18.6	100	ug/L
			Total Svoc :			1,395.70		
			Total Concentration:			1,395.70		
Client ID : RW10A-20250116								
Q1122-01	RW10A-20250116	Water	2-Pentanone, 4-hydroxy-4-methyl *	3.700	A			
			Total Tics :			3.70		
			Total Concentration:			3.70		
Client ID : HD-2-011725								
Q1132-04	HD-2-011725	Solid	11H-Benzo[b]fluorene *	610.000	J			
Q1132-04	HD-2-011725	Solid	4H-Cyclopenta[def]phenanthrene *	650.000	J			
Q1132-04	HD-2-011725	Solid	9H-Fluorene-3-ol *	360.000	J			
Q1132-04	HD-2-011725	Solid	Benzo[e]pyrene *	1,600.000	J			
Q1132-04	HD-2-011725	Solid	Fluoranthene, 2-methyl-	450.000	J			
Q1132-04	HD-2-011725	Solid	Naphthalene, 1,4,6-trimethyl-	270.000	J			
Q1132-04	HD-2-011725	Solid	Naphthalene, 1,5-dimethyl-	520.000	J			
Q1132-04	HD-2-011725	Solid	Naphthalene, 1,6,7-trimethyl-	250.000	J			
Q1132-04	HD-2-011725	Solid	Naphthalene, 1-(2-naphthalenylmethyl)-	560.000	J			
Q1132-04	HD-2-011725	Solid	Naphthalene, 1-ethyl-	360.000	J			
Q1132-04	HD-2-011725	Solid	Naphthalene, 2,3,6-trimethyl-	250.000	J			
Q1132-04	HD-2-011725	Solid	Naphthalene, 2,3-dimethyl-	970.000	J			
Q1132-04	HD-2-011725	Solid	Naphthalene, 2,6-dimethyl-	870.000	J			
Q1132-04	HD-2-011725	Solid	Naphthalene, 2,7-dimethyl-	420.000	J			
Q1132-04	HD-2-011725	Solid	Naphthalene, 2-ethyl-	340.000	J			
Q1132-04	HD-2-011725	Solid	Naphthalene, 2-phenyl-	230.000	J			
Q1132-04	HD-2-011725	Solid	Naphtho[2,1-b]thiophene *	240.000	J			

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SDG No.: BF012025

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1132-04	HD-2-011725	Solid	Phenanthrene, 1-methyl-	*	390.000	J		
Q1132-04	HD-2-011725	Solid	Phenanthrene, 2-methyl-	*	290.000	J		
Q1132-04	HD-2-011725	Solid	Pyrene, 1-methyl-	*	240.000	J		
Total Tics :				9,870.00				
Q1132-04	HD-2-011725	Solid	1-Methylnaphthalene		860.000	290	590	ug/Kg
Q1132-04	HD-2-011725	Solid	2-Methylnaphthalene		1,100.000	280	590	ug/Kg
Q1132-04	HD-2-011725	Solid	Acenaphthene		870.000	280	590	ug/Kg
Q1132-04	HD-2-011725	Solid	Anthracene		2,400.000	290	590	ug/Kg
Q1132-04	HD-2-011725	Solid	Benzo(a)anthracene		2,700.000	280	590	ug/Kg
Q1132-04	HD-2-011725	Solid	Benzo(a)pyrene		2,400.000	320	590	ug/Kg
Q1132-04	HD-2-011725	Solid	Benzo(b)fluoranthene		2,500.000	280	590	ug/Kg
Q1132-04	HD-2-011725	Solid	Benzo(g,h,i)perylene		870.000	280	590	ug/Kg
Q1132-04	HD-2-011725	Solid	Benzo(k)fluoranthene		1,200.000	280	590	ug/Kg
Q1132-04	HD-2-011725	Solid	Carbazole		650.000	280	590	ug/Kg
Q1132-04	HD-2-011725	Solid	Chrysene		2,100.000	270	590	ug/Kg
Q1132-04	HD-2-011725	Solid	Dibenzofuran		750.000	290	590	ug/Kg
Q1132-04	HD-2-011725	Solid	Fluoranthene		6,500.000	280	590	ug/Kg
Q1132-04	HD-2-011725	Solid	Fluorene		1,600.000	290	590	ug/Kg
Q1132-04	HD-2-011725	Solid	Indeno(1,2,3-cd)pyrene		830.000	270	590	ug/Kg
Q1132-04	HD-2-011725	Solid	Naphthalene		980.000	280	590	ug/Kg
Q1132-04	HD-2-011725	Solid	Phenanthrene		8,000.000	290	590	ug/Kg
Q1132-04	HD-2-011725	Solid	Pyrene		3,800.000	290	590	ug/Kg
Q1132-04	HD-2-011725	Solid	Total PAH		36,750.000	4560	9440	ug/Kg
Total Svoc :				76,860.00				
Total Concentration:				86,730.00				
Client ID :	TR-04-1172025							
Q1133-01	TR-04-1172025	Solid	9-Octadecenoic acid (Z)-, methyl	*	1,300.000	J		
Q1133-01	TR-04-1172025	Solid	n-Hexadecanoic acid	*	320.000	J		
Total Tics :				1,620.00				
Q1133-01	TR-04-1172025	Solid	Benzo(a)pyrene		380.000	J 310	560	ug/Kg
Q1133-01	TR-04-1172025	Solid	Benzo(b)fluoranthene		420.000	J 270	560	ug/Kg
Q1133-01	TR-04-1172025	Solid	Chrysene		280.000	J 260	560	ug/Kg
Q1133-01	TR-04-1172025	Solid	Fluoranthene		500.000	J 270	560	ug/Kg
Q1133-01	TR-04-1172025	Solid	Pyrene		380.000	J 270	560	ug/Kg
Total Svoc :				1,960.00				
Total Concentration:				3,580.00				
Client ID :	EO-1-011725							
Q1134-01	EO-1-011725	Solid	3-Phenylbut-1-ene	*	430.000	J		
Q1134-01	EO-1-011725	Solid	4H-Cyclopenta[def]phenanthrene	*	650.000	J		
Q1134-01	EO-1-011725	Solid	9,12-Octadecadienoic acid, methy	*	3,400.000	J		

Hit Summary Sheet
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SDG No.: BF012025

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Q1134-01	EO-1-011725	Solid	9-Octadecenoic acid (Z)-, methyl *	4,100.000	J			
Q1134-01	EO-1-011725	Solid	Benzene, 1,2,4,5-tetramethyl- *	380.000	J			
Q1134-01	EO-1-011725	Solid	Benzene, 1-methyl-3-propyl- *	400.000	J			
Q1134-01	EO-1-011725	Solid	Benzo[e]pyrene *	1,100.000	J			
Q1134-01	EO-1-011725	Solid	Carbonic acid, eicosyl vinyl ester *	380.000	J			
Q1134-01	EO-1-011725	Solid	Decane *	390.000	J			
Q1134-01	EO-1-011725	Solid	Dodecane, 2,6,10-trimethyl- *	430.000	J			
Q1134-01	EO-1-011725	Solid	Dodecane, 2-methyl-6-propyl- *	430.000	J			
Q1134-01	EO-1-011725	Solid	Heptacosane *	360.000	J			
Q1134-01	EO-1-011725	Solid	Heptadecane *	640.000	J			
Q1134-01	EO-1-011725	Solid	Hexadecane *	560.000	J			
Q1134-01	EO-1-011725	Solid	Hexadecanoic acid, methyl ester *	1,700.000	J			
Q1134-01	EO-1-011725	Solid	n-Hexadecanoic acid *	1,000.000	J			
Q1134-01	EO-1-011725	Solid	Octadecanoic acid *	360.000	J			
Q1134-01	EO-1-011725	Solid	Sulfurous acid, decyl 2-ethylhexyl *	330.000	J			
Q1134-01	EO-1-011725	Solid	Tetradecane *	780.000	J			
Q1134-01	EO-1-011725	Solid	Tridecane *	450.000	J			
Total Tics :				18,270.00				
Q1134-01	EO-1-011725	Solid	Anthracene	590.000		280	560	ug/Kg
Q1134-01	EO-1-011725	Solid	Benzo(a)anthracene	1,500.000		270	560	ug/Kg
Q1134-01	EO-1-011725	Solid	Benzo(a)pyrene	1,600.000		310	560	ug/Kg
Q1134-01	EO-1-011725	Solid	Benzo(b)fluoranthene	2,100.000		270	560	ug/Kg
Q1134-01	EO-1-011725	Solid	Benzo(g,h,i)perylene	700.000		270	560	ug/Kg
Q1134-01	EO-1-011725	Solid	Benzo(k)fluoranthene	650.000		270	560	ug/Kg
Q1134-01	EO-1-011725	Solid	Chrysene	1,300.000		260	560	ug/Kg
Q1134-01	EO-1-011725	Solid	Fluoranthene	2,900.000		270	560	ug/Kg
Q1134-01	EO-1-011725	Solid	Fluorene	300.000	J	280	560	ug/Kg
Q1134-01	EO-1-011725	Solid	Indeno(1,2,3-cd)pyrene	640.000		260	560	ug/Kg
Q1134-01	EO-1-011725	Solid	Phenanthrene	1,800.000		280	560	ug/Kg
Q1134-01	EO-1-011725	Solid	Pyrene	1,800.000		270	560	ug/Kg
Total Svoc :				15,880.00				
Total Concentration:				34,150.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BF011025 SAS No.: BF011025 SDG No.: BF011025
Instrument ID: _____ Calibration Date(s): 1/10/2025 : _____
Calibration Time(s): 11:58 _____

LAB FILE ID:		RRF2.5 = BF141109.D			RRF005 = BF141110.D		RRF010 = BF141111.D	
		RRF020 = BF141112.D			RRF040 = BF141113.D		RRF050 = BF141117.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.716	0.715	0.709	0.678	0.688	0.691	3.7
Pyridine		1.579	1.520	1.486	1.360	1.364	1.414	8.3
2-Fluorophenol		1.453	1.400	1.378	1.248	1.236	1.295	9.1
Benzaldehyde		1.215	1.139	1.040	0.849	0.782	0.966	19.8
Aniline		1.656	1.583	1.561	1.424	1.385	1.456	10.4
Phenol-d6		1.834	1.773	1.736	1.566	1.569	1.640	8.6
Phenol		1.943	1.902	1.861	1.701	1.665	1.756	8.4
bis(2-Chloroethyl)ether		1.445	1.372	1.363	1.256	1.279	1.308	6.9
2-Chlorophenol		1.561	1.476	1.458	1.345	1.338	1.389	8.2
1,2-Dichlorobenzene		1.670	1.579	1.572	1.382	1.388	1.456	10.5
1,3-Dichlorobenzene		1.714	1.662	1.648	1.476	1.506	1.549	8.1
1,4-Dichlorobenzene		1.766	1.653	1.668	1.495	1.495	1.561	8.8
Benzyl Alcohol		1.291	1.240	1.244	1.158	1.164	1.184	6.8
2-Methylphenol		1.209	1.175	1.182	1.088	1.091	1.121	6.0
2,2-oxybis(1-Chloropropane)		2.046	1.913	1.939	1.766	1.746	1.826	7.8
Acetophenone		0.539	0.516	0.507	0.445	0.455	0.475	9.4
3+4-Methylphenols		1.631	1.529	1.527	1.375	1.342	1.415	10.9
n-Nitroso-di-n-propylamine	1.062	1.068	1.011	1.009	0.906	0.915	0.966	8.4
Nitrobenzene-d5		0.400	0.390	0.394	0.365	0.370	0.377	4.8
Hexachloroethane		0.610	0.591	0.595	0.548	0.551	0.565	6.4
Nitrobenzene		0.419	0.410	0.411	0.377	0.384	0.393	5.2
Isophorone		0.692	0.668	0.674	0.617	0.629	0.645	5.1
2-Nitrophenol		0.161	0.173	0.190	0.178	0.184	0.179	5.3
2,4-Dimethylphenol		0.252	0.244	0.250	0.236	0.239	0.241	3.3
bis(2-Chloroethoxy)methane		0.435	0.419	0.430	0.387	0.393	0.405	5.6
2,4-Dichlorophenol		0.296	0.296	0.300	0.277	0.286	0.287	4.3
1,2,4-Trichlorobenzene		0.356	0.344	0.348	0.314	0.317	0.328	6.5
Benzoic acid		0.182	0.211	0.231	0.238	0.251	0.231	11.7
Naphthalene		1.178	1.126	1.131	0.998	1.023	1.055	8.6
4-Chloroaniline		0.397	0.390	0.386	0.345	0.349	0.365	7.1
Hexachlorobutadiene		0.213	0.207	0.208	0.188	0.194	0.197	6.2
Caprolactam		0.096	0.092	0.099	0.091	0.094	0.094	3.0
4-Chloro-3-methylphenol		0.331	0.322	0.327	0.302	0.313	0.313	4.4
2-Methylnaphthalene		0.751	0.719	0.710	0.638	0.654	0.672	8.3
Hexachlorocyclopentadiene		0.170	0.181	0.201	0.200	0.189	0.188	5.7
2,4,6-Trichlorophenol		0.399	0.384	0.412	0.380	0.382	0.387	3.4

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.: BF011025 SAS No.: BF011025 SDG No.: BF011025
Instrument ID: _____ Calibration Date(s): 1/10/2025 : _____
Calibration Time(s): 11:58 _____

LAB FILE ID:		RRF2.5 = BF141109.D			RRF005 = BF141110.D		RRF010 = BF141111.D	
		RRF020 = BF141112.D			RRF040 = BF141113.D		RRF050 = BF141117.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.582	1.459	1.408	1.225	1.224	1.310	13.4
2,4,5-Trichlorophenol		0.429	0.419	0.418	0.401	0.411	0.409	4.1
1,1-Biphenyl		1.761	1.671	1.654	1.490	1.491	1.553	9.3
2-Chloronaphthalene		1.345	1.288	1.273	1.164	1.174	1.210	7.8
2-Nitroaniline		0.360	0.358	0.365	0.351	0.365	0.359	2.0
Dimethylphthalate		1.447	1.406	1.404	1.299	1.318	1.343	5.8
Acenaphthylene		1.915	1.820	1.830	1.660	1.678	1.728	7.5
2,6-Dinitrotoluene		0.308	0.317	0.328	0.312	0.315	0.312	3.3
3-Nitroaniline		0.321	0.324	0.333	0.316	0.320	0.317	3.7
Acenaphthene		1.317	1.267	1.274	1.165	1.185	1.208	6.7
2,4-Dinitrophenol			0.097	0.133	0.155	0.168	0.148	19.4
4-Nitrophenol		0.224	0.241	0.255	0.250	0.264	0.248	5.3
Dibenzofuran		1.866	1.736	1.738	1.586	1.585	1.642	8.8
2,4-Dinitrotoluene		0.372	0.401	0.423	0.395	0.424	0.402	4.7
Diethylphthalate		1.416	1.397	1.378	1.253	1.289	1.311	6.6
4-Chlorophenyl-phenylether		0.709	0.672	0.663	0.594	0.593	0.622	9.7
Fluorene		1.488	1.403	1.359	1.197	1.213	1.276	11.1
4-Nitroaniline		0.314	0.312	0.315	0.300	0.323	0.311	3.1
4,6-Dinitro-2-methylphenol		0.077	0.095	0.120	0.129	0.130	0.116	18.4
n-Nitrosodiphenylamine		0.706	0.677	0.683	0.651	0.603	0.645	7.4
Azobenzene		1.430	1.363	1.353	1.245	1.264	1.293	7.1
2,4,6-Tribromophenol		0.233	0.233	0.235	0.219	0.230	0.228	3.0
4-Bromophenyl-phenylether		0.241	0.237	0.238	0.232	0.220	0.230	4.2
Hexachlorobenzene		0.273	0.263	0.266	0.257	0.244	0.256	4.8
Atrazine		0.213	0.201	0.170	0.141	0.184	0.174	16.3
Pentachlorophenol		0.142	0.162	0.171	0.173	0.169	0.164	6.6
Phenanthrene		1.218	1.152	1.122	1.064	1.014	1.074	9.0
Anthracene		1.162	1.111	1.095	1.042	0.994	1.044	8.2
Carbazole		1.052	1.025	1.011	0.944	0.935	0.957	8.1
Di-n-butylphthalate		1.186	1.177	1.139	1.087	1.079	1.096	7.3
Fluoranthene		1.211	1.188	1.104	1.037	1.051	1.071	9.7
Benzidine		0.380	0.309	0.310	0.409	0.340	0.371	13.8
Pyrene		1.952	1.977	2.081	1.848	1.839	1.910	6.1
Terphenyl-d14		1.444	1.424	1.483	1.272	1.280	1.346	8.4
Butylbenzylphthalate		0.583	0.629	0.663	0.614	0.677	0.637	5.4
3,3-Dichlorobenzidine		0.434	0.422	0.444	0.418	0.426	0.433	2.7

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.: BF011025 SAS No.: BF011025 SDG No.: BF011025
Instrument ID: _____ Calibration Date(s): 1/10/2025 : _____
Calibration Time(s): 11:58 _____

LAB FILE ID:		RRF2.5 = BF141109.D			RRF005 = BF141110.D		RRF010 = BF141111.D	
		RRF020 = BF141112.D			RRF040 = BF141113.D		RRF050 = BF141117.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.473	1.420	1.427	1.245	1.329	1.361	6.3
Chrysene		1.382	1.316	1.336	1.207	1.237	1.274	5.5
Bis(2-ethylhexyl)phthalate		0.734	0.768	0.807	0.726	0.819	0.764	5.4
Di-n-octyl phthalate		0.950	1.039	1.169	1.151	1.235	1.154	10.5
Benzo(b)fluoranthene		1.461	1.415	1.290	1.201	1.315	1.290	9.0
Benzo(k)fluoranthene		1.128	1.102	1.141	1.043	1.038	1.090	3.7
Benzo(a)pyrene		1.103	1.090	1.095	1.039	1.048	1.064	3.3
Indeno(1,2,3-cd)pyrene		1.472	1.420	1.558	1.472	1.421	1.465	4.5
Dibenzo(a,h)anthracene		1.174	1.178	1.262	1.197	1.150	1.185	5.0
Benzo(g,h,i)perylene		1.256	1.221	1.347	1.263	1.195	1.233	7.6
1,2,4,5-Tetrachlorobenzene		0.632	0.601	0.604	0.554	0.552	0.574	6.8
1,4-Dioxane		0.616	0.596	0.598	0.563	0.573	0.577	5.2
2,3,4,6-Tetrachlorophenol		0.353	0.358	0.354	0.332	0.333	0.340	4.7
1-Methylnaphthalene		0.747	0.712	0.710	0.625	0.635	0.662	9.1

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.: BF012025 SAS No.: BF012025 SDG NO.: BF012025

EPA Sample No.: SSTDICCC040 Date Analyzed: Jan 20 2025 12:00AM

Lab File ID: BF141113.D Time Analyzed: 11:03

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	178652	6.822	695197	8.10	363903	9.86
UPPER LIMIT	357304	7.322	1390394	8.604	727806	10.363
LOWER LIMIT	89326	6.322	347598.5	7.604	181951.5	9.363
EPA SAMPLE NO.						
01 PB166115BL	162829	6.81	650069	8.09	350613	9.85
02 PB166115BS	157680	6.81	632035	8.09	344399	9.85
03 PB166067TB	174592	6.81	707492	8.09	384555	9.85
04 PB166097BS	154827	6.81	622966	8.09	333652	9.85
05 PB166117BL	159319	6.81	644023	8.09	342991	9.85
06 PB166117BS	161782	6.81	655900	8.09	349277	9.85
07 PB166117BSD	161581	6.81	633827	8.09	339384	9.85
08 TAPIAL1-MW04S-011525-00-T2	168653	6.81	674085	8.09	366570	9.85
09 RW10A-20250116	158020	6.81	629982	8.09	340789	9.85
10 FILTER CAKEDL	188854	6.81	752267	8.09	393863	9.85
11 EO-1-011725	176141	6.81	654737	8.09	312879	9.85
12 HD-2-011725	156614	6.81	584725	8.09	264991	9.85
13 TR-04-1172025	151384	6.81	551408	8.09	249752	9.85

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.: BF012025 SAS No.: BF012025 SDG NO.: BF012025

EPA Sample No.: SSTDCCC040 Date Analyzed: Jan 20 2025 12:00AM

Lab File ID: BF141212.D Time Analyzed: 11:03

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	179826	6.81	695851	8.09	379338	9.85
UPPER LIMIT	359652	7.31	1391702	8.592	758676	10.351
LOWER LIMIT	89913	6.31	347925.5	7.592	189669	9.351
EPA SAMPLE NO.						
01 PB166115BL	162829	6.81	650069	8.09	350613	9.85
02 PB166115BS	157680	6.81	632035	8.09	344399	9.85
03 PB166067TB	174592	6.81	707492	8.09	384555	9.85
04 PB166097BS	154827	6.81	622966	8.09	333652	9.85
05 PB166117BL	159319	6.81	644023	8.09	342991	9.85
06 PB166117BS	161782	6.81	655900	8.09	349277	9.85
07 PB166117BSD	161581	6.81	633827	8.09	339384	9.85
08 TAPIAL1-MW04S-011525-00-T2	168653	6.81	674085	8.09	366570	9.85
09 RW10A-20250116	158020	6.81	629982	8.09	340789	9.85
10 FILTER CAKEDL	188854	6.81	752267	8.09	393863	9.85
11 EO-1-011725	176141	6.81	654737	8.09	312879	9.85
12 HD-2-011725	156614	6.81	584725	8.09	264991	9.85
13 TR-04-1172025	151384	6.81	551408	8.09	249752	9.85

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.: BF012025 SAS No.: BF012025 SDG NO.: BF012025

EPA Sample No.: SSTDICCC040 Date Analyzed: Jan 20 2025 12:00AM

Lab File ID: BF141113.D Time Analyzed: 11:03

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	589244	11.345	328095	13.986	356368	15.439
UPPER LIMIT	1178488	11.845	656190	14.486	712736	15.939
LOWER LIMIT	294622	10.845	164047.5	13.486	178184	14.939
EPA SAMPLE NO.						
01 PB166115BL	609458	11.33	442806	13.97	340853	15.43
02 PB166115BS	583291	11.33	387847	13.97	335070	15.43
03 PB166067TB	662071	11.33	471473	13.97	371500	15.43
04 PB166097BS	569457	11.33	360421	13.97	321046	15.43
05 PB166117BL	588711	11.33	419427	13.97	332363	15.43
06 PB166117BS	596700	11.33	391687	13.97	341954	15.43
07 PB166117BSD	582564	11.33	369711	13.97	327689	15.43
08 TAPIAL1-MW04S-011525-00-T2	632498	11.33	448689	13.97	364729	15.43
09 RW10A-20250116	587345	11.33	416765	13.97	333314	15.43
10 FILTER CAKEDL	605223	11.33	364877	13.97	398892	15.43
11 EO-1-011725	424926	11.33	330728	13.97	284129	15.43
12 HD-2-011725	358268	11.33	315369	13.97	272616	15.43
13 TR-04-1172025	353730	11.33	309488	13.97	252186	15.44

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.: BF012025 SAS No.: BF012025 SDG NO.: BF012025

EPA Sample No.: SSTDCCC040 Date Analyzed: Jan 20 2025 12:00AM

Lab File ID: BF141212.D Time Analyzed: 11:03

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	651777	11.333	435133	13.974	378255	15.439
UPPER LIMIT	1303554	11.833	870266	14.474	756510	15.939
LOWER LIMIT	325888.5	10.833	217566.5	13.474	189127.5	14.939
EPA SAMPLE NO.						
01 PB166115BL	609458	11.33	442806	13.97	340853	15.43
02 PB166115BS	583291	11.33	387847	13.97	335070	15.43
03 PB166067TB	662071	11.33	471473	13.97	371500	15.43
04 PB166097BS	569457	11.33	360421	13.97	321046	15.43
05 PB166117BL	588711	11.33	419427	13.97	332363	15.43
06 PB166117BS	596700	11.33	391687	13.97	341954	15.43
07 PB166117BSD	582564	11.33	369711	13.97	327689	15.43
08 TAPIAL1-MW04S-011525-00-T2	632498	11.33	448689	13.97	364729	15.43
09 RW10A-20250116	587345	11.33	416765	13.97	333314	15.43
10 FILTER CAKEDL	605223	11.33	364877	13.97	398892	15.43
11 EO-1-011725	424926	11.33	330728	13.97	284129	15.43
12 HD-2-011725	358268	11.33	315369	13.97	272616	15.43
13 TR-04-1172025	353730	11.33	309488	13.97	252186	15.44

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.: **BF012025**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB166097BS	n-Nitrosodimethylamine	1700	1700	ug/Kg	100				57	103	
	Pyridine	1700	1500	ug/Kg	88				28	98	
	Benzaldehyde	1700	300	ug/Kg	18				10	133	
	Aniline	1700	1500	ug/Kg	88				38	100	
	Phenol	1700	1700	ug/Kg	100				62	112	
	bis(2-Chloroethyl)ether	1700	1800	ug/Kg	106		*		60	101	
	2-Chlorophenol	1700	1800	ug/Kg	106				65	112	
	1,2-Dichlorobenzene	1700	1700	ug/Kg	100				51	102	
	1,3-Dichlorobenzene	1700	1700	ug/Kg	100		*		52	99	
	1,4-Dichlorobenzene	1700	1700	ug/Kg	100				52	100	
	Benzyl Alcohol	1700	1800	ug/Kg	106				42	116	
	2-Methylphenol	1700	1800	ug/Kg	106				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1700	ug/Kg	100				51	100	
	Acetophenone	1700	1700	ug/Kg	100		*		66	98	
	3+4-Methylphenols	1700	1700	ug/Kg	100				58	111	
	N-Nitroso-di-n-propylamine	1700	1800	ug/Kg	106		*		63	95	
	Hexachloroethane	1700	1700	ug/Kg	100				72	108	
	Nitrobenzene	1700	1600	ug/Kg	94				57	101	
	Isophorone	1700	1800	ug/Kg	106		*		59	99	
	2-Nitrophenol	1700	1900	ug/Kg	112		*		61	111	
	2,4-Dimethylphenol	1700	2100	ug/Kg	124				46	141	
	bis(2-Chloroethoxy)methane	1700	1700	ug/Kg	100		*		66	97	
	2,4-Dichlorophenol	1700	1800	ug/Kg	106				62	107	
	1,2,4-Trichlorobenzene	1700	1700	ug/Kg	100				44	110	
	Benzoic acid	1700	1800	ug/Kg	106				10	140	
	Naphthalene	1700	1700	ug/Kg	100				62	100	
	4-Chloroaniline	1700	670	ug/Kg	39				16	100	
	Hexachlorobutadiene	1700	1700	ug/Kg	100		*		53	98	
	Caprolactam	1700	1800	ug/Kg	106				67	110	
	4-Chloro-3-methylphenol	1700	1800	ug/Kg	106				58	112	
	2-Methylnaphthalene	1700	1700	ug/Kg	100				60	104	
	Hexachlorocyclopentadiene	3300	6700	ug/Kg	203		*		45	165	
	2,4,6-Trichlorophenol	1700	1900	ug/Kg	112		*		59	102	
	2,4,5-Trichlorophenol	1700	1800	ug/Kg	106		*		61	98	
	1,1-Biphenyl	1700	1700	ug/Kg	100				57	103	
	2-Chloronaphthalene	1700	1700	ug/Kg	100		*		58	99	
	2-Nitroaniline	1700	1800	ug/Kg	106		*		66	101	
	Dimethylphthalate	1700	1800	ug/Kg	106		*		61	99	
	Acenaphthylene	1700	1800	ug/Kg	106		*		63	101	
	2,6-Dinitrotoluene	1700	1700	ug/Kg	100				61	104	
	3-Nitroaniline	1700	1100	ug/Kg	65				28	100	
	Acenaphthene	1700	2000	ug/Kg	118		*		57	104	
	Total PAH	27200	28900	ug/Kg	106		*		57	104	
	2,4-Dinitrophenol	3300	4300	ug/Kg	130		*		37	128	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF012025**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB166097BS	4-Nitrophenol	3300	3600	ug/Kg	109				48	119	
	Dibenzofuran	1700	1700	ug/Kg	100		*		63	99	
	2,4-Dinitrotoluene/2,6-Dinitrotol	3400	3500	ug/Kg	103				60	106	
	2,4-Dinitrotoluene	1700	1800	ug/Kg	106				60	106	
	Diethylphthalate	1700	1800	ug/Kg	106		*		60	101	
	4-Chlorophenyl-phenylether	1700	1700	ug/Kg	100		*		58	98	
	Fluorene	1700	1700	ug/Kg	100				61	101	
	4-Nitroaniline	1700	1800	ug/Kg	106		*		64	103	
	4,6-Dinitro-2-methylphenol	1700	2200	ug/Kg	129		*		76	113	
	N-Nitrosodiphenylamine	1700	1800	ug/Kg	106		*		71	99	
	Azobenzene	1700	1700	ug/Kg	100				54	103	
	4-Bromophenyl-phenylether	1700	1800	ug/Kg	106		*		66	102	
	Hexachlorobenzene	1700	1800	ug/Kg	106		*		64	98	
	Atrazine	1700	2300	ug/Kg	135				47	152	
	Pentachlorophenol	3300	3600	ug/Kg	109		*		67	105	
	Phenanthrene	1700	1800	ug/Kg	106		*		59	103	
	Anthracene	1700	1900	ug/Kg	112		*		61	105	
	Carbazole	1700	1800	ug/Kg	106		*		61	99	
	Di-n-butylphthalate	1700	1900	ug/Kg	112		*		58	104	
	Fluoranthene	1700	1900	ug/Kg	112		*		57	107	
	Benzidine	3300	1800	ug/Kg	55				10	98	
	Pyrene	1700	1700	ug/Kg	100				59	103	
	Butylbenzylphthalate	1700	1900	ug/Kg	112		*		55	103	
	3,3-Dichlorobenzidine	1700	1100	ug/Kg	65				42	91	
	Benzo(a)anthracene	1700	1700	ug/Kg	100				60	102	
	Chrysene	1700	1800	ug/Kg	106		*		59	101	
	bis(2-Ethylhexyl)phthalate	1700	1900	ug/Kg	112				54	135	
	Di-n-octyl phthalate	1700	1900	ug/Kg	112				52	137	
	Benzo(b)fluoranthene	1700	1800	ug/Kg	106				62	109	
	Benzo(k)fluoranthene	1700	1900	ug/Kg	112		*		62	109	
	Benzo(a)pyrene	1700	2000	ug/Kg	118		*		63	103	
	Indeno(1,2,3-cd)pyrene	1700	1800	ug/Kg	106		*		63	101	
	Dibenz(a,h)anthracene	1700	1800	ug/Kg	106				61	112	
	Benzo(g,h,i)perylene	1700	1600	ug/Kg	94				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1800	ug/Kg	106		*		53	101	
	1,4-Dioxane	1700	1500	ug/Kg	88				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1900	ug/Kg	112		*		59	108	
	1-Methylnaphthalene	1700	1600	ug/Kg	94				70	130	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF012025**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB166115BS	n-Nitrosodimethylamine	50	47.5	ug/L	95				55	108	
	Pyridine	50	42	ug/L	84				29	97	
	Benzaldehyde	50	8.4	ug/L	17				10	162	
	Aniline	50	41.4	ug/L	83				10	130	
	Phenol	50	48.7	ug/L	97				66	118	
	bis(2-Chloroethyl)ether	50	49.8	ug/L	100				62	103	
	2-Chlorophenol	50	51.6	ug/L	103				70	117	
	1,2-Dichlorobenzene	50	49.5	ug/L	99				72	102	
	1,3-Dichlorobenzene	50	47.8	ug/L	96				71	103	
	1,4-Dichlorobenzene	50	48	ug/L	96				76	103	
	Benzyl Alcohol	50	52.5	ug/L	105		*		36	93	
	2-Methylphenol	50	51	ug/L	102				69	109	
	2,2-oxybis(1-Chloropropane)	50	48	ug/L	96				65	100	
	Acetophenone	50	49	ug/L	98				60	104	
	3+4-Methylphenols	50	49.2	ug/L	98				67	106	
	N-Nitroso-di-n-propylamine	50	49.7	ug/L	99				57	107	
	Hexachloroethane	50	48.7	ug/L	97				76	118	
	Nitrobenzene	50	46.3	ug/L	93				58	106	
	Isophorone	50	50.8	ug/L	102				61	102	
	2-Nitrophenol	50	53.8	ug/L	108				70	115	
	2,4-Dimethylphenol	50	59.7	ug/L	119				42	142	
	bis(2-Chloroethoxy)methane	50	49.3	ug/L	99				58	109	
	2,4-Dichlorophenol	50	51.3	ug/L	103				66	115	
	1,2,4-Trichlorobenzene	50	47	ug/L	94				41	115	
	Benzoic acid	50	50.7	ug/L	101				10	125	
	Naphthalene	50	48.2	ug/L	96				64	107	
	4-Chloroaniline	50	19	ug/L	38				10	85	
	Hexachlorobutadiene	50	48.5	ug/L	97				69	101	
	Caprolactam	50	50.6	ug/L	101				58	128	
	4-Chloro-3-methylphenol	50	51.5	ug/L	103				65	114	
	2-Methylnaphthalene	50	49.8	ug/L	100				64	107	
	Hexachlorocyclopentadiene	100	190	ug/L	190		*		36	160	
	2,4,6-Trichlorophenol	50	52.4	ug/L	105				61	110	
	2,4,5-Trichlorophenol	50	48.8	ug/L	98				70	106	
	1,1-Biphenyl	50	48.9	ug/L	98				72	98	
	2-Chloronaphthalene	50	47.7	ug/L	95				59	106	
	2-Nitroaniline	50	49.8	ug/L	100				73	114	
	Dimethylphthalate	50	50.8	ug/L	102				64	103	
	Acenaphthylene	50	52.3	ug/L	105		*		79	103	
	2,6-Dinitrotoluene	50	48.8	ug/L	98				64	110	
	3-Nitroaniline	50	30.8	ug/L	62				28	100	
	Acenaphthene	50	55.6	ug/L	111				59	113	
	Total PAH	800	820.7	ug/L	103				59	113	
	2,4-Dinitrophenol	100	120	ug/L	120				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF012025**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB166115BS	4-Nitrophenol	100	100	ug/L	100				45	147	
	Dibenzofuran	50	49.9	ug/L	100				65	106	
	2,4-Dinitrotoluene	50	52	ug/L	104				60	115	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	100.8	ug/L	101				60	115	
	Diethylphthalate	50	49.8	ug/L	100				63	105	
	4-Chlorophenyl-phenylether	50	49.7	ug/L	99				61	104	
	Fluorene	50	49.6	ug/L	99				64	107	
	4-Nitroaniline	50	50.6	ug/L	101				55	125	
	4,6-Dinitro-2-methylphenol	50	61.3	ug/L	123				62	132	
	N-Nitrosodiphenylamine	50	51.3	ug/L	103				61	109	
	Azobenzene	50	49.5	ug/L	99				59	106	
	4-Bromophenyl-phenylether	50	52.4	ug/L	105		*		73	103	
	Hexachlorobenzene	50	53.3	ug/L	107		*		73	106	
	Atrazine	50	66.5	ug/L	133		*		76	120	
	Pentachlorophenol	100	100	ug/L	100				47	114	
	Phenanthrene	50	52.6	ug/L	105				62	109	
	Anthracene	50	55	ug/L	110				65	110	
	Carbazole	50	52.5	ug/L	105				62	106	
	Di-n-butylphthalate	50	53.2	ug/L	106				64	106	
	Fluoranthene	50	54.6	ug/L	109				64	110	
	Benzidine	100	43.2	ug/L	43				10	94	
	Pyrene	50	47.3	ug/L	95				71	103	
	Butylbenzylphthalate	50	54.3	ug/L	109		*		61	105	
	3,3-Dichlorobenzidine	50	28.4	ug/L	57				43	108	
	Benzo(a)anthracene	50	50.8	ug/L	102				62	107	
	Chrysene	50	48.4	ug/L	97				61	108	
	bis(2-Ethylhexyl)phthalate	50	55.7	ug/L	111		*		59	110	
	Di-n-octyl phthalate	50	53.8	ug/L	108				52	139	
	Benzo(b)fluoranthene	50	49.8	ug/L	100				77	113	
	Benzo(k)fluoranthene	50	57.2	ug/L	114		*		77	105	
	Benzo(a)pyrene	50	55.5	ug/L	111				72	131	
	Indeno(1,2,3-cd)pyrene	50	49.6	ug/L	99				72	105	
	Dibenz(a,h)anthracene	50	49.1	ug/L	98				78	115	
	Benzo(g,h,i)perylene	50	45.1	ug/L	90				75	118	
	1,2,4,5-Tetrachlorobenzene	50	49.9	ug/L	100				72	101	
	1,4-Dioxane	50	41	ug/L	82				38	125	
	2,3,4,6-Tetrachlorophenol	50	53.1	ug/L	106				63	116	
	1-Methylnaphthalene	50	47	ug/L	94				51	114	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF012025**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB166117BS	n-Nitrosodimethylamine	50	46.5	ug/L	93				55	108	
	Pyridine	50	41.2	ug/L	82				29	97	
	Benzaldehyde	50	8.3	ug/L	17				10	162	
	Aniline	50	40.7	ug/L	81				10	130	
	Phenol	50	48.5	ug/L	97				66	118	
	bis(2-Chloroethyl)ether	50	49.2	ug/L	98				62	103	
	2-Chlorophenol	50	51.1	ug/L	102				70	117	
	1,2-Dichlorobenzene	50	49.2	ug/L	98				72	102	
	1,3-Dichlorobenzene	50	47	ug/L	94				71	103	
	1,4-Dichlorobenzene	50	47.3	ug/L	95				76	103	
	Benzyl Alcohol	50	51.3	ug/L	103		*		36	93	
	2-Methylphenol	50	50.7	ug/L	101				69	109	
	2,2-oxybis(1-Chloropropane)	50	47.1	ug/L	94				65	100	
	Acetophenone	50	47.8	ug/L	96				60	104	
	3+4-Methylphenols	50	48.4	ug/L	97				67	106	
	N-Nitroso-di-n-propylamine	50	49.2	ug/L	98				57	107	
	Hexachloroethane	50	48.5	ug/L	97				76	118	
	Nitrobenzene	50	45.7	ug/L	91				58	106	
	Isophorone	50	49.4	ug/L	99				61	102	
	2-Nitrophenol	50	51.8	ug/L	104				70	115	
	2,4-Dimethylphenol	50	58.3	ug/L	117				42	142	
	bis(2-Chloroethoxy)methane	50	48.3	ug/L	97				58	109	
	2,4-Dichlorophenol	50	50.3	ug/L	101				66	115	
	1,2,4-Trichlorobenzene	50	46.2	ug/L	92				41	115	
	Benzoic acid	50	50.9	ug/L	102				10	125	
	Naphthalene	50	47.4	ug/L	95				64	107	
	4-Chloroaniline	50	18.2	ug/L	36				10	85	
	Hexachlorobutadiene	50	47.2	ug/L	94				69	101	
	Caprolactam	50	47.5	ug/L	95				58	128	
	4-Chloro-3-methylphenol	50	49.8	ug/L	100				65	114	
	2-Methylnaphthalene	50	48.5	ug/L	97				64	107	
	Hexachlorocyclopentadiene	100	190	ug/L	190		*		36	160	
	2,4,6-Trichlorophenol	50	51.3	ug/L	103				61	110	
	2,4,5-Trichlorophenol	50	49.2	ug/L	98				70	106	
	1,1-Biphenyl	50	48.8	ug/L	98				72	98	
	2-Chloronaphthalene	50	47	ug/L	94				59	106	
	2-Nitroaniline	50	49.2	ug/L	98				73	114	
	Dimethylphthalate	50	50	ug/L	100				64	103	
	Acenaphthylene	50	51.3	ug/L	103				79	103	
	2,6-Dinitrotoluene	50	48.7	ug/L	97				64	110	
	3-Nitroaniline	50	30	ug/L	60				28	100	
	Acenaphthene	50	55.1	ug/L	110				59	113	
	Total PAH	800	807.2	ug/L	101				59	113	
	2,4-Dinitrophenol	100	120	ug/L	120				36	166	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF012025**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		
							Qual	Qual	Low	High	RPD
PB166117BS	4-Nitrophenol	100	100	ug/L	100				45	147	
	Dibenzofuran	50	48.8	ug/L	98				65	106	
	2,4-Dinitrotoluene/2,6-Dinitrotrc	100	100.3	ug/L	100				60	115	
	2,4-Dinitrotoluene	50	51.6	ug/L	103				60	115	
	Diethylphthalate	50	49.5	ug/L	99				63	105	
	4-Chlorophenyl-phenylether	50	49	ug/L	98				61	104	
	Fluorene	50	49	ug/L	98				64	107	
	4-Nitroaniline	50	49.6	ug/L	99				55	125	
	4,6-Dinitro-2-methylphenol	50	60.4	ug/L	121				62	132	
	N-Nitrosodiphenylamine	50	50.4	ug/L	101				61	109	
	Azobenzene	50	48.9	ug/L	98				59	106	
	4-Bromophenyl-phenylether	50	50.9	ug/L	102				73	103	
	Hexachlorobenzene	50	51.4	ug/L	103				73	106	
	Atrazine	50	64.3	ug/L	129		*		76	120	
	Pentachlorophenol	100	100	ug/L	100				47	114	
	Phenanthrene	50	51.6	ug/L	103				62	109	
	Anthracene	50	53.6	ug/L	107				65	110	
	Carbazole	50	51.3	ug/L	103				62	106	
	Di-n-butylphthalate	50	52.2	ug/L	104				64	106	
	Fluoranthene	50	53.3	ug/L	107				64	110	
	Benzidine	100	55.3	ug/L	55				10	94	
	Pyrene	50	46	ug/L	92				71	103	
	Butylbenzylphthalate	50	53.8	ug/L	108		*		61	105	
	3,3-Dichlorobenzidine	50	29.2	ug/L	58				43	108	
	Benzo(a)anthracene	50	47.4	ug/L	95				62	107	
	Chrysene	50	49.7	ug/L	99				61	108	
	bis(2-Ethylhexyl)phthalate	50	54.2	ug/L	108				59	110	
	Di-n-octyl phthalate	50	53.3	ug/L	107				52	139	
	Benzo(b)fluoranthene	50	54.7	ug/L	109				77	113	
	Benzo(k)fluoranthene	50	49.8	ug/L	100				77	105	
	Benzo(a)pyrene	50	55.2	ug/L	110				72	131	
	Indeno(1,2,3-cd)pyrene	50	49.4	ug/L	99				72	105	
	Dibenz(a,h)anthracene	50	48.8	ug/L	98				78	115	
	Benzo(g,h,i)perylene	50	44.9	ug/L	90				75	118	
	1,2,4,5-Tetrachlorobenzene	50	49.3	ug/L	99				72	101	
	1,4-Dioxane	50	41.3	ug/L	83				38	125	
	2,3,4,6-Tetrachlorophenol	50	51.8	ug/L	104				63	116	
	1-Methylnaphthalene	50	45.8	ug/L	92				51	114	
PB166117BSD	n-Nitrosodimethylamine	50	45.8	ug/L	92	2			55	108	20
	Pyridine	50	41.6	ug/L	83	1			29	97	20
	Benzaldehyde	50	8.2	ug/L	16	1			10	162	20
	Aniline	50	40.5	ug/L	81	0			10	130	20
	Phenol	50	47.7	ug/L	95	2			66	118	20
	bis(2-Chloroethyl)ether	50	48.2	ug/L	96	2			62	103	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF012025**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Low	Limits	
							Qual	Qual		High	RPD
PB166117BSD	2-Chlorophenol	50	51.1	ug/L	102	0			70	117	20
	1,2-Dichlorobenzene	50	48.1	ug/L	96	2			72	102	20
	1,3-Dichlorobenzene	50	46.3	ug/L	93	2			71	103	20
	1,4-Dichlorobenzene	50	47.2	ug/L	94	0			76	103	20
	Benzyl Alcohol	50	51.3	ug/L	103	0	*		36	93	20
	2-Methylphenol	50	50.5	ug/L	101	0			69	109	20
	2,2-oxybis(1-Chloropropane)	50	46.7	ug/L	93	1			65	100	20
	Acetophenone	50	48.3	ug/L	97	1			60	104	20
	3+4-Methylphenols	50	47.8	ug/L	96	1			67	106	20
	N-Nitroso-di-n-propylamine	50	48.4	ug/L	97	2			57	107	20
	Hexachloroethane	50	47.8	ug/L	96	1			76	118	20
	Nitrobenzene	50	46.1	ug/L	92	1			58	106	20
	Isophorone	50	50.4	ug/L	101	2			61	102	20
	2-Nitrophenol	50	53.3	ug/L	107	3			70	115	20
	2,4-Dimethylphenol	50	59.3	ug/L	119	2			42	142	20
	bis(2-Chloroethoxy)methane	50	48.9	ug/L	98	1			58	109	20
	2,4-Dichlorophenol	50	50.9	ug/L	102	1			66	115	20
	1,2,4-Trichlorobenzene	50	47.5	ug/L	95	3			41	115	20
	Benzoic acid	50	51.1	ug/L	102	0			10	125	20
	Naphthalene	50	48.1	ug/L	96	1			64	107	20
	4-Chloroaniline	50	16.8	ug/L	34	8			10	85	20
	Hexachlorobutadiene	50	48.5	ug/L	97	3			69	101	20
	Caprolactam	50	50.8	ug/L	102	7			58	128	20
	4-Chloro-3-methylphenol	50	50.9	ug/L	102	2			65	114	20
	2-Methylnaphthalene	50	49.6	ug/L	99	2			64	107	20
	Hexachlorocyclopentadiene	100	190	ug/L	190	0	*		36	160	20
	2,4,6-Trichlorophenol	50	52.5	ug/L	105	2			61	110	20
	2,4,5-Trichlorophenol	50	50.4	ug/L	101	2			70	106	20
	1,1-Biphenyl	50	48.9	ug/L	98	0			72	98	20
	2-Chloronaphthalene	50	47.6	ug/L	95	1			59	106	20
	2-Nitroaniline	50	49.5	ug/L	99	1			73	114	20
	Dimethylphthalate	50	50.3	ug/L	101	1			64	103	20
	Acenaphthylene	50	52.1	ug/L	104	2	*		79	103	20
	2,6-Dinitrotoluene	50	48.7	ug/L	97	0			64	110	20
	3-Nitroaniline	50	29.4	ug/L	59	2			28	100	20
	Acenaphthene	50	55.9	ug/L	112	1			59	113	20
	Total PAH	800	819.2	ug/L	102	1			59	113	20
	2,4-Dinitrophenol	100	120	ug/L	120	0			36	166	20
	4-Nitrophenol	100	100	ug/L	100	0			45	147	20
	Dibenzofuran	50	49.6	ug/L	99	2			65	106	20
	2,4-Dinitrotoluene/2,6-Dinitro	100	100.4	ug/L	100	0			60	115	20
	2,4-Dinitrotoluene	50	51.7	ug/L	103	0			60	115	20
	Diethylphthalate	50	49.8	ug/L	100	1			63	105	20
	4-Chlorophenyl-phenylether	50	49.4	ug/L	99	1			61	104	20

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BF012025**

Client:

Analytical Method: **8270E**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	RPD		Limits		RPD
							Qual	Qual	Low	High	
PB166117BSD	Fluorene	50	49.3	ug/L	99	1			64	107	20
	4-Nitroaniline	50	51.2	ug/L	102	3			55	125	20
	4,6-Dinitro-2-methylphenol	50	60.8	ug/L	122	1			62	132	20
	N-Nitrosodiphenylamine	50	50.2	ug/L	100	0			61	109	20
	Azobenzene	50	48.8	ug/L	98	0			59	106	20
	4-Bromophenyl-phenylether	50	51.2	ug/L	102	1			73	103	20
	Hexachlorobenzene	50	51.6	ug/L	103	0			73	106	20
	Atrazine	50	63.9	ug/L	128	1	*		76	120	20
	Pentachlorophenol	100	100	ug/L	100	0			47	114	20
	Phenanthrene	50	51.6	ug/L	103	0			62	109	20
	Anthracene	50	54.1	ug/L	108	1			65	110	20
	Carbazole	50	51.7	ug/L	103	1			62	106	20
	Di-n-butylphthalate	50	51.5	ug/L	103	1			64	106	20
	Fluoranthene	50	53.3	ug/L	107	0			64	110	20
	Benzidine	100	60.3	ug/L	60	9			10	94	20
	Pyrene	50	48	ug/L	96	4			71	103	20
	Butylbenzylphthalate	50	54.8	ug/L	110	2	*		61	105	20
	3,3-Dichlorobenzidine	50	29.2	ug/L	58	0			43	108	20
	Benzo(a)anthracene	50	48.7	ug/L	97	3			62	107	20
	Chrysene	50	49.8	ug/L	100	0			61	108	20
	bis(2-Ethylhexyl)phthalate	50	55.1	ug/L	110	2			59	110	20
	Di-n-octyl phthalate	50	52.2	ug/L	104	2			52	139	20
	Benzo(b)fluoranthene	50	48.8	ug/L	98	11			77	113	20
	Benzo(k)fluoranthene	50	56.1	ug/L	112	12	*		77	105	20
	Benzo(a)pyrene	50	55.5	ug/L	111	1			72	131	20
	Indeno(1,2,3-cd)pyrene	50	51.3	ug/L	103	4			72	105	20
	Dibenz(a,h)anthracene	50	50.8	ug/L	102	4			78	115	20
	Benzo(g,h,i)perylene	50	45.8	ug/L	92	2			75	118	20
	1,2,4,5-Tetrachlorobenzene	50	50.2	ug/L	100	2			72	101	20
	1,4-Dioxane	50	40.5	ug/L	81	2			38	125	20
	2,3,4,6-Tetrachlorophenol	50	53.4	ug/L	107	3			63	116	20
	1-Methylnaphthalene	50	46.7	ug/L	93	2			51	114	20

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166097BS

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF012025

SAS No.: BF012025 SDG NO.: BF012025

Lab File ID: BF141216.D

Lab Sample ID: PB166097BS

Instrument ID: BNA_F

Date Extracted: 01/17/2025

Matrix: (soil/water) Solid

Date Analyzed: 01/20/2025

Level: (low/med) LOW

Time Analyzed: 12:22

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB166097BS	PB166097BS	BF141216.D	01/20/2025

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166115BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF012025

SAS No.: BF012025 SDG NO.: BF012025

Lab File ID: BF141213.D

Lab Sample ID: PB166115BL

Instrument ID: BNA_F

Date Extracted: 01/17/2025

Matrix: (soil/water) water

Date Analyzed: 01/20/2025

Level: (low/med) LOW

Time Analyzed: 11:03

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB166115BS	PB166115BS	BF141214.D	01/20/2025
PB166067TB	PB166067TB	BF141215.D	01/20/2025

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB166117BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF012025

SAS No.: BF012025 SDG NO.: BF012025

Lab File ID: BF141217.D

Lab Sample ID: PB166117BL

Instrument ID: BNA_F

Date Extracted: 01/17/2025

Matrix: (soil/water) Water

Date Analyzed: 01/20/2025

Level: (low/med) LOW

Time Analyzed: 12:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB166117BS	PB166117BS	BF141218.D	01/20/2025
PB166117BSD	PB166117BSD	BF141219.D	01/20/2025
TAPIAL1-MW04S-011525-00-T2	Q1109-02	BF141220.D	01/20/2025
RW10A-20250116	Q1122-01	BF141221.D	01/20/2025

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

EO-1-011725

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BF012025

SAS No.: BF012025 SDG NO.: BF012025

Lab File ID: BF141223.D

Lab Sample ID: Q1134-01

Instrument ID: BNA_F

Date Extracted: 01/20/2025

Matrix: (soil/water) Solid

Date Analyzed: 01/20/2025

Level: (low/med) LOW

Time Analyzed: 15:32

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
EO-1-011725	Q1134-01	BF141223.D	01/20/2025
HD-2-011725	Q1132-04	BF141224.D	01/20/2025
TR-04-1172025	Q1133-01	BF141225.D	01/20/2025

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BF012025**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166097BS	PB166097BS	BF141216.D	2-Fluorophenol	150	144.91	97		18	112
			Phenol-d6	150	144.88	97		15	107
			Nitrobenzene-d5	100	101.13	101		18	107
			2-Fluorobiphenyl	100	100.58	101		20	109
			2,4,6-Tribromophenol	150	169.69	113		10	116
			Terphenyl-d14	100	105.90	106	*	10	105

Surrogate Summary

SW-846

SDG No.: **BF012025**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166067TB	PB166067TB	BF141215.D	2-Fluorophenol	150	128.82	86		10	139
			Phenol-d6	150	126.93	85		10	134
			Nitrobenzene-d5	100	88.34	88		49	133
			2-Fluorobiphenyl	100	88.14	88		52	132
			2,4,6-Tribromophenol	150	142.33	95		44	137
			Terphenyl-d14	100	83.48	83		48	125
PB166115BL	PB166115BL	BF141213.D	2-Fluorophenol	150	134.37	90		10	139
			Phenol-d6	150	132.11	88		10	134
			Nitrobenzene-d5	100	94.06	94		49	133
			2-Fluorobiphenyl	100	94.26	94		52	132
			2,4,6-Tribromophenol	150	152.80	102		44	137
			Terphenyl-d14	100	87.86	88		48	125
PB166115BS	PB166115BS	BF141214.D	2-Fluorophenol	150	137.39	92		10	139
			Phenol-d6	150	137.47	92		10	134
			Nitrobenzene-d5	100	95.84	96		49	133
			2-Fluorobiphenyl	100	95.78	96		52	132
			2,4,6-Tribromophenol	150	158.45	106		44	137
			Terphenyl-d14	100	97.61	98		48	125
Q1119-01DL	FILTER CAKEDL	BF141222.D	2-Fluorophenol	150	126.79	85		10	139
			Phenol-d6	150	125.14	83		10	134
			Nitrobenzene-d5	100	87.43	87		49	133
			2-Fluorobiphenyl	100	83.19	83		52	132
			2,4,6-Tribromophenol	150	145.88	97		44	137
			Terphenyl-d14	100	54.80	55		48	125

Surrogate Summary

SW-846

SDG No.: **BF012025**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB166117BL	PB166117BL	BF141217.D	2-Fluorophenol	150	143.52	96		10	139
			Phenol-d6	150	141.10	94		10	134
			Nitrobenzene-d5	100	97.79	98		49	133
			2-Fluorobiphenyl	100	98.57	99		52	132
			2,4,6-Tribromophenol	150	161.79	108		44	137
			Terphenyl-d14	100	92.34	92		48	125
PB166117BS	PB166117BS	BF141218.D	2-Fluorophenol	150	135.95	91		10	139
			Phenol-d6	150	135.31	90		10	134
			Nitrobenzene-d5	100	94.67	95		49	133
			2-Fluorobiphenyl	100	95.36	95		52	132
			2,4,6-Tribromophenol	150	157.48	105		44	137
			Terphenyl-d14	100	96.50	97		48	125
PB166117BSD	PB166117BSD	BF141219.D	2-Fluorophenol	150	134.34	90		10	139
			Phenol-d6	150	134.77	90		10	134
			Nitrobenzene-d5	100	96.22	96		49	133
			2-Fluorobiphenyl	100	96.19	96		52	132
			2,4,6-Tribromophenol	150	159.75	106		44	137
			Terphenyl-d14	100	99.32	99		48	125
Q1109-02	TAPIAL1-MW04S-BF141220.D		2-Fluorophenol	150	74.48	50		10	139
			Phenol-d6	150	46.49	31		10	134
			Nitrobenzene-d5	100	105.58	106		49	133
			2-Fluorobiphenyl	100	99.82	100		52	132
			2,4,6-Tribromophenol	150	176.30	118		44	137
			Terphenyl-d14	100	93.04	93		48	125
Q1122-01	RW10A-20250116	BF141221.D	2-Fluorophenol	150	51.24	34		10	139
			Phenol-d6	150	30.61	20		10	134
			Nitrobenzene-d5	100	86.13	86		49	133
			2-Fluorobiphenyl	100	88.28	88		52	132
			2,4,6-Tribromophenol	150	161.17	107		44	137
			Terphenyl-d14	100	80.36	80		48	125

Surrogate Summary

SW-846

SDG No.: **BF012025**

Client: _____

Analytical Method: **8270E**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
Q1132-04	HD-2-011725	BF141224.D	2-Fluorophenol	150	88.39	59		18	112
			Phenol-d6	150	85.60	57		15	107
			Nitrobenzene-d5	100	60.57	61		18	107
			2-Fluorobiphenyl	100	72.83	73		20	109
			2,4,6-Tribromophenol	150	74.72	50		10	116
			Terphenyl-d14	100	48.67	49		10	105
Q1133-01	TR-04-1172025	BF141225.D	2-Fluorophenol	150	76.98	51		18	112
			Phenol-d6	150	82.63	55		15	107
			Nitrobenzene-d5	100	59.68	60		18	107
			2-Fluorobiphenyl	100	73.50	73		20	109
			2,4,6-Tribromophenol	150	30.61	20		10	116
			Terphenyl-d14	100	50.43	50		10	105
Q1134-01	EO-1-011725	BF141223.D	2-Fluorophenol	150	79.13	53		18	112
			Phenol-d6	150	76.64	51		15	107
			Nitrobenzene-d5	100	55.99	56		18	107
			2-Fluorobiphenyl	100	65.12	65		20	109
			2,4,6-Tribromophenol	150	68.03	45		10	116
			Terphenyl-d14	100	44.99	45		10	105

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BF012025

Lab Code: CHEM

SAS No.: BF012025 SDG NO.: BF012025

Lab File ID: BF141211.D

DFTPP Injection Date: 01/20/2025

Instrument ID: BNA_F

DFTPP Injection Time: 09:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	29.8
68	Less than 2.0% of mass 69	0.6 (2) 1
69	Mass 69 relative abundance	30.5
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	41.8
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	5.7
275	10.0 - 60.0% of mass 198	27.1
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	15.7
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.5 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTDCCC040	SSTDCCC040	BF141212.D	01/20/2025	10:37
PB166115BL	PB166115BL	BF141213.D	01/20/2025	11:03
PB166115BS	PB166115BS	BF141214.D	01/20/2025	11:30
PB166067TB	PB166067TB	BF141215.D	01/20/2025	11:56
PB166097BS	PB166097BS	BF141216.D	01/20/2025	12:22
PB166117BL	PB166117BL	BF141217.D	01/20/2025	12:49
PB166117BS	PB166117BS	BF141218.D	01/20/2025	13:15
PB166117BSD	PB166117BSD	BF141219.D	01/20/2025	13:41
TAPIAL1-MW04S-011525-00-T2	Q1109-02	BF141220.D	01/20/2025	14:13
RW10A-20250116	Q1122-01	BF141221.D	01/20/2025	14:39
FILTER CAKEDL	Q1119-01DL	BF141222.D	01/20/2025	15:05
EO-1-011725	Q1134-01	BF141223.D	01/20/2025	15:32
HD-2-011725	Q1132-04	BF141224.D	01/20/2025	15:58
TR-04-1172025	Q1133-01	BF141225.D	01/20/2025	16:24
SSTDCCC040EC	SSTDCCC040	BF141226.D	01/20/2025	16:58