

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG080724 SAS No.: BG080724 SDG No.: BG080724

Instrument ID: BNA_G Calibration Date/Time: 8/7/2024 12:10:07

Lab File ID: BG062296.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020594 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.524	0.466	0.010	-10.9867	40.0
Benzaldehyde	1.009	1.126	0.010	11.5676	40.0
Pyridine	1.517	1.449	0.010	-4.4485	40.0
Phenol	2.014	2.081	0.080	3.2991	20.0
Bis(2-Chloroethyl)ether	1.493	1.510	0.100	1.1256	20.0
2-Chlorophenol	1.453	1.482	0.200	1.9891	20.0
2-Methylphenol	1.519	1.525	0.010	0.3903	20.0
2,2-oxybis(1-Chloropropane)	3.050	3.166	0.010	3.8066	40.0
Acetophenone	2.532	2.597	0.060	2.5548	20.0
4-Methylphenol	1.701	1.781	0.010	4.7207	20.0
N-Nitroso-di-n-propylamine	1.346	1.407	0.050	4.5444	30.0
Hexachloroethane	0.540	0.567	0.100	5.0197	20.0
Nitrobenzene	0.351	0.405	0.050	15.534	25.0
Isophorone	0.844	0.813	0.050	-3.588	25.0
2-Nitrophenol	0.141	0.180	0.050	27.6533	25.0
2,4-Dimethylphenol	0.403	0.406	0.050	0.7466	25.0
Bis(2-Chloroethoxy)methane	0.476	0.477	0.050	0.2907	20.0
2,4-Dichlorophenol	0.342	0.365	0.060	6.8811	20.0
Naphthalene	1.137	1.153	0.200	1.4042	20.0
4-Chloroaniline	0.478	0.471	0.010	-1.4547	40.0
Hexachlorobutadiene	0.258	0.260	0.040	0.4596	30.0
Caprolactam	0.119	0.117	0.010	-2.2724	40.0
4-Chloro-3-methylphenol	0.383	0.417	0.040	8.9225	25.0
1-Methylnaphthalene	0.811	0.867	0.100	6.7866	20.0
2-Methylnaphthalene	0.783	0.849	0.100	8.3519	20.0
Hexachlorocyclopentadiene	0.254	0.276	0.010	8.6286	40.0
2,4,6-Trichlorophenol	0.379	0.416	0.090	9.8765	25.0
2,4,5-Trichlorophenol	0.408	0.449	0.100	10.09	25.0
1,1-Biphenyl	1.515	1.551	0.200	2.3871	20.0
2-Chloronaphthalene	1.177	1.205	0.300	2.2991	20.0
2-Nitroaniline	0.300	0.366	0.050	22.2077	40.0
Dimethylphthalate	1.548	1.491	0.300	-3.6714	20.0
2,6-Dinitrotoluene	0.211	0.262	0.080	23.8501	30.0
Acenaphthylene	1.864	1.848	0.400	-0.8469	20.0
3-Nitroaniline	0.241	0.266	0.010	10.4321	40.0
Acenaphthene	1.388	1.391	0.200	0.2148	20.0
2,4-Dinitrophenol	0.084	0.095	0.010	12.942	40.0
4-Nitrophenol	0.193	0.200	0.010	3.5458	40.0
Dibenzofuran	1.917	1.945	0.300	1.4258	20.0

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Lab File ID: BG062296.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020594 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.290	0.390	0.070	34.4533	30.0
Diethylphthalate	1.563	1.472	0.300	-5.8048	20.0
Fluorene	1.499	1.464	0.200	-2.3326	20.0
4-Chlorophenyl-phenylether	0.773	0.763	0.100	-1.337	20.0
4-Nitroaniline	0.232	0.253	0.010	9.267	40.0
4,6-Dinitro-2-methylphenol	0.068	0.086	0.010	26.6562	40.0
N-Nitrosodiphenylamine	0.599	0.608	0.050	1.5253	20.0
1,2,4,5-Tetrachlorobenzene	0.653	0.686	0.100	5.1064	20.0
4-Bromophenyl-phenylether	0.228	0.238	0.070	4.4945	20.0
Hexachlorobenzene	0.265	0.274	0.050	3.4851	25.0
Atrazine	0.230	0.239	0.010	4.0753	25.0
Pentachlorophenol	0.140	0.148	0.010	5.7842	40.0
Phenanthrene	1.126	1.136	0.200	0.9425	20.0
Pentachlorobenzene	0.313	0.331	0.050	5.5451	20.0
Anthracene	1.155	1.171	0.200	1.3833	20.0
1,2,3,4-Tetrachlorobenzene	0.300	0.333	0.050	11.0681	20.0
Carbazole	0.947	0.952	0.050	0.5166	40.0
Di-n-butylphthalate	1.127	1.154	0.500	2.3734	25.0
Fluoranthene	1.344	1.350	0.400	0.4019	25.0
Pyrene	1.431	1.439	0.400	0.5061	25.0
Butylbenzylphthalate	0.494	0.512	0.100	3.6048	40.0
3,3-Dichlorobenzidine	0.450	0.492	0.010	9.3125	40.0
Benzo (a) anthracene	1.465	1.464	0.300	-0.0523	30.0
Chrysene	1.383	1.392	0.200	0.6492	30.0
Bis(2-ethylhexyl)phthalate	0.762	0.764	0.200	0.1655	40.0
Di-n-octyl phthalate	1.139	1.135	0.010	-0.4094	40.0
Benzo (b) fluoranthene	1.217	1.226	0.200	0.8038	25.0
Benzo (k) fluoranthene	1.238	1.229	0.200	-0.6653	25.0
Benzo (a) pyrene	1.151	1.153	0.200	0.1419	20.0
Indeno (1,2,3-cd) pyrene	1.492	1.504	0.200	0.8071	25.0
Dibenzo (a,h) anthracene	1.218	1.212	0.200	-0.5599	30.0
Benzo (g,h,i) perylene	1.133	1.126	0.200	-0.6287	30.0
2,3,4,6-Tetrachlorophenol	0.367	0.403	0.040	9.5962	20.0
1,4-Dioxane-d8	0.464	0.463	0.010	-0.2732	25.0
Pyridine-d5	1.459	1.272	0.010	-12.8579	40.0
Phenol-d5	1.909	1.959	0.010	2.6263	25.0
Bis- (2-Chloroethyl) ether-d8	1.175	1.209	0.050	2.9036	25.0
2-Chlorophenol-d4	1.368	1.432	0.200	4.7306	20.0
4-Methylphenol-d8	1.590	1.644	0.010	3.4214	20.0

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Lab File ID: BG062296.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020594 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.123	0.151	0.050	22.2288	20.0
2-Nitrophenol-d4	0.116	0.157	0.050	35.1265	30.0
2,4-Dichlorophenol-d3	0.337	0.361	0.060	7.2408	20.0
4-Chloroaniline-d4	0.489	0.490	0.010	0.2956	40.0
Dimethylphthalate-d6	1.543	1.490	0.300	-3.44	20.0
Acenaphthylene-d8	1.750	1.744	0.400	-0.2969	20.0
4-Nitrophenol-d4	0.216	0.233	0.010	7.9718	40.0
Fluorene-d10	1.385	1.347	0.100	-2.7187	20.0
4,6-Dinitro-2-methylphenol-d2	0.059	0.078	0.010	31.3528	40.0
Anthracene-d10	0.965	0.979	0.300	1.4704	20.0
Pyrene-d10	1.189	1.197	0.300	0.6542	25.0
Benzo(a)pyrene-d12	1.069	1.077	0.010	0.6986	20.0

All other compounds must meet a minimum RRF of 0.010.

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Lab Code: CHEM Case No.: BG080724 SAS No.: BG080724 SDG No.: BG080724

Instrument ID: BNA_G Calibration Date/Time: 8/7/2024 12:20:53

Lab File ID: BG062310.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020595 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.524	0.528	0.010	0.8159	50.0
Benzaldehyde	1.009	1.128	0.010	11.8344	50.0
Pyridine	1.517	1.492	0.010	-1.644	50.0
Phenol	2.014	2.090	0.080	3.7516	50.0
Bis(2-Chloroethyl)ether	1.493	1.459	0.100	-2.2835	50.0
2-Chlorophenol	1.453	1.464	0.200	0.7472	50.0
2-Methylphenol	1.519	1.533	0.010	0.9537	50.0
2,2-oxybis(1-Chloropropane)	3.050	3.111	0.010	2.0064	50.0
Acetophenone	2.532	2.614	0.060	3.2346	50.0
4-Methylphenol	1.701	1.781	0.010	4.6988	50.0
N-Nitroso-di-n-propylamine	1.346	1.377	0.050	2.3256	50.0
Hexachloroethane	0.540	0.575	0.100	6.4679	50.0
Nitrobenzene	0.351	0.400	0.050	14.0736	50.0
Isophorone	0.844	0.815	0.050	-3.3706	50.0
2-Nitrophenol	0.141	0.186	0.050	32.2342	50.0
2,4-Dimethylphenol	0.403	0.403	0.050	-0.0148	50.0
Bis(2-Chloroethoxy)methane	0.476	0.465	0.050	-2.3284	50.0
2,4-Dichlorophenol	0.342	0.368	0.060	7.7738	50.0
Naphthalene	1.137	1.098	0.200	-3.4117	50.0
4-Chloroaniline	0.478	0.463	0.010	-3.1643	50.0
Hexachlorobutadiene	0.258	0.247	0.040	-4.6178	50.0
Caprolactam	0.119	0.133	0.010	10.9429	50.0
4-Chloro-3-methylphenol	0.383	0.434	0.040	13.2953	50.0
1-Methylnaphthalene	0.811	0.877	0.100	8.0964	50.0
2-Methylnaphthalene	0.783	0.860	0.100	9.8604	50.0
Hexachlorocyclopentadiene	0.254	0.289	0.010	13.95	50.0
2,4,6-Trichlorophenol	0.379	0.404	0.090	6.8004	50.0
2,4,5-Trichlorophenol	0.408	0.432	0.100	5.7625	50.0
1,1-Biphenyl	1.515	1.441	0.200	-4.9064	50.0
2-Chloronaphthalene	1.177	1.131	0.300	-3.9699	50.0
2-Nitroaniline	0.300	0.351	0.050	17.1821	50.0
Dimethylphthalate	1.548	1.428	0.300	-7.7367	50.0
2,6-Dinitrotoluene	0.211	0.264	0.080	24.8476	50.0
Acenaphthylene	1.864	1.738	0.400	-6.743	50.0
3-Nitroaniline	0.241	0.267	0.010	11.1059	50.0
Acenaphthene	1.388	1.290	0.200	-7.0726	50.0
2,4-Dinitrophenol	0.084	0.106	0.010	26.3445	50.0
4-Nitrophenol	0.193	0.193	0.010	-0.2518	50.0
Dibenzofuran	1.917	1.835	0.300	-4.3111	50.0

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Lab File ID: BG062310.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020595 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.290	0.383	0.070	32.2129	50.0
Diethylphthalate	1.563	1.426	0.300	-8.7847	50.0
Fluorene	1.499	1.402	0.200	-6.4852	50.0
4-Chlorophenyl-phenylether	0.773	0.722	0.100	-6.5912	50.0
4-Nitroaniline	0.232	0.248	0.010	6.8924	50.0
4,6-Dinitro-2-methylphenol	0.068	0.095	0.010	38.6722	50.0
N-Nitrosodiphenylamine	0.599	0.578	0.050	-3.5459	50.0
1,2,4,5-Tetrachlorobenzene	0.653	0.649	0.100	-0.6513	50.0
4-Bromophenyl-phenylether	0.228	0.225	0.070	-1.0923	50.0
Hexachlorobenzene	0.265	0.254	0.050	-4.2454	50.0
Atrazine	0.230	0.226	0.010	-1.5455	50.0
Pentachlorophenol	0.140	0.147	0.010	5.5798	50.0
Phenanthrene	1.126	1.059	0.200	-5.9095	50.0
Pentachlorobenzene	0.313	0.310	0.050	-1.0283	50.0
Anthracene	1.155	1.091	0.200	-5.551	50.0
1,2,3,4-Tetrachlorobenzene	0.300	0.304	0.050	1.3881	50.0
Carbazole	0.947	0.908	0.050	-4.1688	50.0
Di-n-butylphthalate	1.127	1.092	0.500	-3.1466	50.0
Fluoranthene	1.344	1.256	0.400	-6.5539	50.0
Pyrene	1.431	1.353	0.400	-5.4451	50.0
Butylbenzylphthalate	0.494	0.475	0.100	-3.8939	50.0
3,3-Dichlorobenzidine	0.450	0.471	0.010	4.5584	50.0
Benzo (a) anthracene	1.465	1.389	0.300	-5.1793	50.0
Chrysene	1.383	1.321	0.200	-4.4344	50.0
Bis(2-ethylhexyl)phthalate	0.762	0.714	0.200	-6.402	50.0
Di-n-octyl phthalate	1.139	1.065	0.010	-6.5292	50.0
Benzo (b) fluoranthene	1.217	1.162	0.200	-4.5069	50.0
Benzo (k) fluoranthene	1.238	1.138	0.200	-8.0459	50.0
Benzo (a) pyrene	1.151	1.099	0.200	-4.5595	50.0
Indeno (1,2,3-cd) pyrene	1.492	1.363	0.200	-8.6065	50.0
Dibenzo (a,h) anthracene	1.218	1.107	0.200	-9.1708	50.0
Benzo (g,h,i) perylene	1.133	1.018	0.200	-10.1113	50.0
2,3,4,6-Tetrachlorophenol	0.367	0.389	0.040	5.9256	50.0
1,4-Dioxane-d8	0.464	0.454	0.010	-2.0296	50.0
Pyridine-d5	1.459	1.441	0.010	-1.2702	50.0
Phenol-d5	1.909	1.968	0.010	3.1169	50.0
Bis- (2-Chloroethyl) ether-d8	1.175	1.167	0.050	-0.6999	50.0
2-Chlorophenol-d4	1.368	1.403	0.200	2.5876	50.0
4-Methylphenol-d8	1.590	1.624	0.010	2.1593	50.0

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Lab File ID: BG062310.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020595 Init. Calib. Time(s): _____

GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.123	0.151	0.050	22.6264	50.0
2-Nitrophenol-d4	0.116	0.162	0.050	39.6091	50.0
2,4-Dichlorophenol-d3	0.337	0.361	0.060	7.0647	50.0
4-Chloroaniline-d4	0.489	0.476	0.010	-2.6026	50.0
Dimethylphthalate-d6	1.543	1.401	0.300	-9.179	50.0
Acenaphthylene-d8	1.750	1.613	0.400	-7.8081	50.0
4-Nitrophenol-d4	0.216	0.221	0.010	2.3702	50.0
Fluorene-d10	1.385	1.300	0.100	-6.1642	50.0
4,6-Dinitro-2-methylphenol-d2	0.059	0.084	0.010	42.3211	50.0
Anthracene-d10	0.965	0.916	0.300	-5.0685	50.0
Pyrene-d10	1.189	1.116	0.300	-6.1134	50.0
Benzo(a)pyrene-d12	1.069	1.013	0.010	-5.2296	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SBLK305	SDG No.:	BG080724
Lab Sample ID:	PB162305BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062297.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SBLK305	SDG No.:	BG080724
Lab Sample ID:	PB162305BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062297.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SBLK305	SDG No.:	BG080724
Lab Sample ID:	PB162305BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062297.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.776		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	24.501		20-120		61	SPK: -40
4165-62-2	Phenol-d5	27.107		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.763		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.057		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	27.005		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	34.229		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.959		20-130		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.921		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.509		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.529		25-130		69	SPK: -40
93951-97-4	Acenaphthylene-d8	27.401		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.942		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	27.701		25-125		69	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	SBLK305	SDG No.:	BG080724
Lab Sample ID:	PB162305BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062297.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.57		10-130		81	SPK: -40
1719-06-8	Anthracene-d10	28.961		25-130		72	SPK: -40
1718-52-1	Pyrene-d10	28.854		15-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.426		20-130		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56591	7.961				
1146-65-2	Naphthalene-d8	260907	10.757				
15067-26-2	Acenaphthene-d10	206632	14.581				
1517-22-2	Phenanthrene-d10	440125	17.319				
1719-03-5	Chrysene-d12	422238	21.566				
1520-96-3	Perylene-d12	494447	24.662				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SBLK309	SDG No.:	BG080724
Lab Sample ID:	PB162309BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062298.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SBLK309	SDG No.:	BG080724
Lab Sample ID:	PB162309BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062298.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SBLK309	SDG No.:	BG080724
Lab Sample ID:	PB162309BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062298.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.314		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	26.412		20-120		66	SPK: -40
4165-62-2	Phenol-d5	28.113		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.595		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.628		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	29.258		25-125		73	SPK: -40
4165-60-0	Nitrobenzene-d5	35.17		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.925		20-130		100	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.626		20-120		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.926		1-146		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.142		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.175		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.122		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	28.114		25-125		70	SPK: -40

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SBLK309	SDG No.:	BG080724
Lab Sample ID:	PB162309BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062298.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.841		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	27.916		25-130		70	SPK: -40
1718-52-1	Pyrene-d10	28.874		15-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.663		20-130		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53215	7.963				
1146-65-2	Naphthalene-d8	249411	10.753				
15067-26-2	Acenaphthene-d10	214801	14.578				
1517-22-2	Phenanthrene-d10	474963	17.321				
1719-03-5	Chrysene-d12	448455	21.562				
1520-96-3	Perylene-d12	539576	24.658				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	C0B04	SDG No.:	BG080724
Lab Sample ID:	P3347-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062299.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.51	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5.1	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10.1	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5.1	ug/L
95-48-7	2-Methylphenol	0.83	U	0.83	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5.1	10	ug/L
98-86-2	Acetophenone	0.9	U	0.9	5.1	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.5	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.94	U	0.94	2.5	5.1	ug/L
91-20-3	Naphthalene	0.71	U	0.71	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.99	U	0.99	2.5	5.1	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2.7	J	2	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.82	U	0.82	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.81	U	0.81	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	C0B04	SDG No.:	BG080724
Lab Sample ID:	P3347-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062299.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1	U	1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5.1	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.88	U	0.88	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	0.88	U	0.88	2.5	5.1	ug/L
86-73-7	Fluorene	0.88	U	0.88	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.97	U	0.97	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.72	U	0.72	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.91	U	0.91	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.5	5.1	ug/L
1912-24-9	Atrazine	0.97	U	0.97	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5.1	10	ug/L
85-01-8	Phenanthrene	0.98	U	0.98	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.93	U	0.93	2.5	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.82	U	0.82	2.5	5.1	ug/L
206-44-0	Fluoranthene	0.66	U	0.66	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	C0B04	SDG No.:	BG080724
Lab Sample ID:	P3347-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062299.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.98	U	0.98	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	0.57	U	0.57	2.5	5.1	ug/L
218-01-9	Chrysene	0.76	U	0.76	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.88	U	0.88	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.024		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.538		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.216		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.257		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	23.154		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	34.703		20-125		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.454		20-130		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.245		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.909		1-146		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.648		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	28.071		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.468		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	28.748		25-125		72	SPK: -40

Report of Analysis

Client:		Date Collected:	7/24/2024 12:00:00 AM
Project:		Date Received:	7/24/2024 12:00:00 AM
Client Sample ID:	C0B04	SDG No.:	BG080724
Lab Sample ID:	P3347-16	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062299.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	40.052		10-130		100	SPK: -40
1719-06-8	Anthracene-d10	32.333		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	33.489		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.858		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58620	7.957				
1146-65-2	Naphthalene-d8	283093	10.754				
15067-26-2	Acenaphthene-d10	227912	14.578				
1517-22-2	Phenanthrene-d10	482562	17.315				
1719-03-5	Chrysene-d12	462112	21.557				
1520-96-3	Perylene-d12	543828	24.647				
TENTATIVE IDENTIFIED COMPOUNDS							
000142-62-1	Hexanoic acid	2	J			6.947	
058175-57-8	2-Propyl-1-pentanol	2.1	J			8.022	
000121-33-5	Vanillin	2.3	J			13.485	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	6.3	J			17.991	
000141-17-3	Hexanedioic acid, bis[2-(2-butoxye	4.2	J			23.137	
E966796	Total Alkanes	1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1G97	SDG No.:	BG080724
Lab Sample ID:	P3359-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062300.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1G97	SDG No.:	BG080724
Lab Sample ID:	P3359-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062300.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1G97	SDG No.:	BG080724
Lab Sample ID:	P3359-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062300.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.274		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	5.406	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	9.896		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.219		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.332		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	22.246		25-125		56	SPK: -40
4165-60-0	Nitrobenzene-d5	36.911		20-125		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	42.446		20-130		106	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.734		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.981		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	29		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	29.001		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.096		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	29.844		25-125		75	SPK: -40

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1G97	SDG No.:	BG080724
Lab Sample ID:	P3359-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062300.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.931		10-130		92	SPK: -40
1719-06-8	Anthracene-d10	31.023		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	32.574		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.602		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54236	7.961				
1146-65-2	Naphthalene-d8	250375	10.751				
15067-26-2	Acenaphthene-d10	208161	14.581				
1517-22-2	Phenanthrene-d10	469209	17.319				
1719-03-5	Chrysene-d12	448117	21.56				
1520-96-3	Perylene-d12	523695	24.656				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1G98	SDG No.:	BG080724
Lab Sample ID:	P3359-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062301.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1G98	SDG No.:	BG080724
Lab Sample ID:	P3359-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062301.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1G98	SDG No.:	BG080724
Lab Sample ID:	P3359-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062301.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.748		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	8.362		20-120		21	SPK: -40
4165-62-2	Phenol-d5	8.949		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.727		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.612		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	19.976		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	35.689		20-125		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.31		20-130		103	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.782		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.643		1-146		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.276		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.308		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.445		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	28.287		25-125		71	SPK: -40

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1G98	SDG No.:	BG080724
Lab Sample ID:	P3359-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062301.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.519		10-130		94	SPK: -40
1719-06-8	Anthracene-d10	31.201		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	32.422		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.447		20-130		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53242	7.959				
1146-65-2	Naphthalene-d8	245277	10.755				
15067-26-2	Acenaphthene-d10	209950	14.579				
1517-22-2	Phenanthrene-d10	452194	17.317				
1719-03-5	Chrysene-d12	440405	21.558				
1520-96-3	Perylene-d12	517417	24.648				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1G99	SDG No.:	BG080724
Lab Sample ID:	P3359-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062302.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1G99	SDG No.:	BG080724
Lab Sample ID:	P3359-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062302.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1G99	SDG No.:	BG080724
Lab Sample ID:	P3359-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062302.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.766		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	5.34	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	9.637		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.075		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.044		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	21.462		25-125		54	SPK: -40
4165-60-0	Nitrobenzene-d5	35.505		20-125		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.567		20-130		101	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.392		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.329		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.472		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	28.07		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.939		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	30.842		25-125		77	SPK: -40

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1G99	SDG No.:	BG080724
Lab Sample ID:	P3359-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062302.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	40.444		10-130		101	SPK: -40
1719-06-8	Anthracene-d10	32.808		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	33.719		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.935		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56270	7.959				
1146-65-2	Naphthalene-d8	258735	10.755				
15067-26-2	Acenaphthene-d10	213152	14.579				
1517-22-2	Phenanthrene-d10	453772	17.317				
1719-03-5	Chrysene-d12	440312	21.558				
1520-96-3	Perylene-d12	505748	24.648				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	2.7	J			8.024	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1GD5	SDG No.:	BG080724
Lab Sample ID:	P3359-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062303.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	1.6	J	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1GD5	SDG No.:	BG080724
Lab Sample ID:	P3359-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062303.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1GD5	SDG No.:	BG080724
Lab Sample ID:	P3359-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062303.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.891		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	10.174		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.043		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.781		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	19.675		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	29.758		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.286		20-130		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.181		20-120		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.062		1-146		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.424		25-130		64	SPK: -40
93951-97-4	Acenaphthylene-d8	24.979		10-130		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.823		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	25.888		25-125		65	SPK: -40

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1GD5	SDG No.:	BG080724
Lab Sample ID:	P3359-05	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062303.D	1	7/25/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162305

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.817		10-130		87	SPK: -40
1719-06-8	Anthracene-d10	29.061		25-130		73	SPK: -40
1718-52-1	Pyrene-d10	29.701		15-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.126		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59828	7.961				
1146-65-2	Naphthalene-d8	298268	10.751				
15067-26-2	Acenaphthene-d10	235223	14.575				
1517-22-2	Phenanthrene-d10	500574	17.313				
1719-03-5	Chrysene-d12	493091	21.554				
1520-96-3	Perylene-d12	580260	24.65				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	2.4	J			8.026	
000112-39-0	Hexadecanoic acid, methyl ester	4.9	J			17.994	
056554-47-3	13-Octadecenoic acid, methyl ester	2.7	J			19.169	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1GF0	SDG No.:	BG080724
Lab Sample ID:	P3359-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062304.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	2.2	J	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1GF0	SDG No.:	BG080724
Lab Sample ID:	P3359-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062304.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1GF0	SDG No.:	BG080724
Lab Sample ID:	P3359-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062304.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.694		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.609		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.56		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.226		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	22.748		25-125		57	SPK: -40
4165-60-0	Nitrobenzene-d5	33.739		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.938		20-130		100	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.551		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.654		1-146		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.963		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	29.048		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.83		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	30.794		25-125		77	SPK: -40

Report of Analysis

Client:		Date Collected:	7/23/2024 12:00:00 AM
Project:		Date Received:	7/23/2024 12:00:00 AM
Client Sample ID:	E1GF0	SDG No.:	BG080724
Lab Sample ID:	P3359-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062304.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39.224		10-130		98	SPK: -40
1719-06-8	Anthracene-d10	33.104		25-130		83	SPK: -40
1718-52-1	Pyrene-d10	33.42		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.082		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	55556	7.958				
1146-65-2	Naphthalene-d8	266478	10.755				
15067-26-2	Acenaphthene-d10	207251	14.579				
1517-22-2	Phenanthrene-d10	436946	17.316				
1719-03-5	Chrysene-d12	432200	21.558				
1520-96-3	Perylene-d12	502612	24.648				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	3.3	J			8.023	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	3.6	J			17.992	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1G66	SDG No.:	BG080724
Lab Sample ID:	P3359-08	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062305.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1G66	SDG No.:	BG080724
Lab Sample ID:	P3359-08	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062305.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1G66	SDG No.:	BG080724
Lab Sample ID:	P3359-08	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062305.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.156		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	8.465		20-120		21	SPK: -40
4165-62-2	Phenol-d5	7.893		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.617		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.261		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	18.77		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	34.589		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.076		20-130		100	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.217		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.508		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.393		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.537		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.975		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	28.419		25-125		71	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1G66	SDG No.:	BG080724
Lab Sample ID:	P3359-08	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062305.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.786		10-130		97	SPK: -40
1719-06-8	Anthracene-d10	30.063		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	30.365		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.274		20-130		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60528	7.964				
1146-65-2	Naphthalene-d8	299509	10.754				
15067-26-2	Acenaphthene-d10	245896	14.578				
1517-22-2	Phenanthrene-d10	524456	17.316				
1719-03-5	Chrysene-d12	528304	21.557				
1520-96-3	Perylene-d12	608752	24.653				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1G76	SDG No.:	BG080724
Lab Sample ID:	P3359-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062306.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1G76	SDG No.:	BG080724
Lab Sample ID:	P3359-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062306.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1G76	SDG No.:	BG080724
Lab Sample ID:	P3359-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062306.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.238		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	6.067	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	7.088		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.106		25-120		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.41		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	17.047		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	34.981		20-125		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.914		20-130		100	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.509		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.677		1-146		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.124		25-130		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.62		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.826		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	27.144		25-125		68	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1G76	SDG No.:	BG080724
Lab Sample ID:	P3359-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062306.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.549		10-130		89	SPK: -40
1719-06-8	Anthracene-d10	28.289		25-130		71	SPK: -40
1718-52-1	Pyrene-d10	27.951		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.168		20-130		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	62227	7.959				
1146-65-2	Naphthalene-d8	289386	10.755				
15067-26-2	Acenaphthene-d10	241399	14.579				
1517-22-2	Phenanthrene-d10	518740	17.316				
1719-03-5	Chrysene-d12	522998	21.558				
1520-96-3	Perylene-d12	608557	24.648				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1G77	SDG No.:	BG080724
Lab Sample ID:	P3359-10	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062307.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1G77	SDG No.:	BG080724
Lab Sample ID:	P3359-10	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062307.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1G77	SDG No.:	BG080724
Lab Sample ID:	P3359-10	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062307.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.661		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	5.055	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	6.897		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.445		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.932		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	16.613		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	34.758		20-125		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.049		20-130		100	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.023		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.061		1-146		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.163		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.686		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.374		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	27.839		25-125		70	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1G77	SDG No.:	BG080724
Lab Sample ID:	P3359-10	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062307.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.172		10-130		95	SPK: -40
1719-06-8	Anthracene-d10	29.747		25-130		74	SPK: -40
1718-52-1	Pyrene-d10	30.185		15-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.726		20-130		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	61323	7.96				
1146-65-2	Naphthalene-d8	291495	10.75				
15067-26-2	Acenaphthene-d10	238716	14.574				
1517-22-2	Phenanthrene-d10	505103	17.318				
1719-03-5	Chrysene-d12	498446	21.559				
1520-96-3	Perylene-d12	581883	24.643				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1GD6	SDG No.:	BG080724
Lab Sample ID:	P3359-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062308.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1GD6	SDG No.:	BG080724
Lab Sample ID:	P3359-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062308.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1GD6	SDG No.:	BG080724
Lab Sample ID:	P3359-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062308.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.882		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	5.338	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	7.81		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.993		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.169		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	19.376		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	40.47		20-125		101	SPK: -40
93951-78-1	2-Nitrophenol-d4	47.026		20-130		118	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.142		20-120		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.716		1-146		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.373		25-130		76	SPK: -40
93951-97-4	Acenaphthylene-d8	29.74		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.001		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	31.242		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	7/25/2024 12:00:00 AM
Project:		Date Received:	7/25/2024 12:00:00 AM
Client Sample ID:	E1GD6	SDG No.:	BG080724
Lab Sample ID:	P3359-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062308.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	41.944		10-130		105	SPK: -40
1719-06-8	Anthracene-d10	32.292		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	32.565		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.1		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54847	7.958				
1146-65-2	Naphthalene-d8	258663	10.755				
15067-26-2	Acenaphthene-d10	222867	14.579				
1517-22-2	Phenanthrene-d10	476402	17.316				
1719-03-5	Chrysene-d12	478977	21.558				
1520-96-3	Perylene-d12	553643	24.648				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	14	J			8.023	
074367-31-0	Propanoic acid, 2-methyl-, 2-ethyl	2.1	J			13.193	
082304-66-3	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	4.3	J			17.992	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SLCS309	SDG No.:	BG080724
Lab Sample ID:	PB162309BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062309.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9.2		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	28		2.3	5	10	ug/L
110-86-1	Pyridine	26		2.2	10	10	ug/L
108-95-2	Phenol	30		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	28		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	29		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	29		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	29		1.2	5	10	ug/L
98-86-2	Acetophenone	28		0.89	5	10	ug/L
106-44-5	4-Methylphenol	29		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	29		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	30		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	34		0.99	2.5	5	ug/L
78-59-1	Isophorone	29		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	40		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	24		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	29		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	31		0.93	2.5	5	ug/L
91-20-3	Naphthalene	29		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	24		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	28		0.98	2.5	5	ug/L
105-60-2	Caprolactam	32		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	33		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	31		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	31		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	30		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	27		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	30		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SLCS309	SDG No.:	BG080724
Lab Sample ID:	PB162309BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062309.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	29		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	36		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	28		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	38		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	29		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	35		1.5	5	10	ug/L
83-32-9	Acenaphthene	27		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	44		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	31		1.4	5	10	ug/L
132-64-9	Dibenzofuran	28		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	41		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	27		0.87	2.5	5	ug/L
86-73-7	Fluorene	28		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	28		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	37		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	46		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	29		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	29		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	30		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	30		0.56	2.5	5	ug/L
1912-24-9	Atrazine	3.1	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	26		2.5	5	10	ug/L
85-01-8	Phenanthrene	29		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	28		1.2	2.5	5	ug/L
120-12-7	Anthracene	28		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	30		0.92	2.5	5	ug/L
86-74-8	Carbazole	30		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	30		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	29		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SLCS309	SDG No.:	BG080724
Lab Sample ID:	PB162309BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062309.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	29		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	31		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	32		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	29		0.56	2.5	5	ug/L
218-01-9	Chrysene	29		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	30		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	30		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	30		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	29		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	29		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	29		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	30		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	30		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	26		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.197		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	25.516		20-120		64	SPK: -40
4165-62-2	Phenol-d5	29.113		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.495		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.556		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	28.879		25-125		72	SPK: -40
4165-60-0	Nitrobenzene-d5	35.304		20-125		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.603		20-130		104	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.567		20-120		79	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.572		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.328		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	27.659		10-130		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.185		10-150		83	SPK: -40
81103-79-9	Fluorene-d10	28.03		25-125		70	SPK: -40

Report of Analysis

Client:		Date Collected:	7/26/2024 12:00:00 AM
Project:		Date Received:	7/26/2024 12:00:00 AM
Client Sample ID:	SLCS309	SDG No.:	BG080724
Lab Sample ID:	PB162309BS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% 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
BG062309.D	1	7/26/2024 12:00:00 AM	8/7/2024 12:00:00 AM	PB162309

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	47.414		10-130		119	SPK: -40
1719-06-8	Anthracene-d10	28.163		25-130		70	SPK: -40
1718-52-1	Pyrene-d10	28.566		15-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.806		20-130		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58457	7.958				
1146-65-2	Naphthalene-d8	267943	10.755				
15067-26-2	Acenaphthene-d10	221703	14.579				
1517-22-2	Phenanthrene-d10	475008	17.316				
1719-03-5	Chrysene-d12	475846	21.558				
1520-96-3	Perylene-d12	543806	24.648				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BG080724

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0B04								
P3347-16	C0B04	Water	2-Propyl-1-pentanol	*	2.100	J		
P3347-16	C0B04	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	6.300	J		
P3347-16	C0B04	Water	Hexanedioic acid, bis[2-(2-butoxy	*	4.200	J		
P3347-16	C0B04	Water	Hexanoic acid	*	2.000	J		
P3347-16	C0B04	Water	Vanillin	*	2.300	J		
P3347-16	C0B04	Water	Total Alkanes	*	0.000	1	5.1	ug/L
			Total Tics :			16.90		
P3347-16	C0B04	Water	4-Chloro-3-methylphenol		2.700	J 2	5.1	ug/L
			Total Svoc :			2.70		
			Total Concentration:			19.60		
Client ID : E1G97								
P3359-01	E1G97	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E1G98								
P3359-02	E1G98	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E1G99								
P3359-03	E1G99	Water	1-Hexanol, 2-ethyl-	*	2.700	J		
P3359-03	E1G99	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			2.70		
			Total Concentration:			2.70		
Client ID : E1GD5								
P3359-05	E1GD5	Water	1-Hexanol, 2-ethyl-	*	2.400	J		
P3359-05	E1GD5	Water	13-Octadecenoic acid, methyl este	*	2.700	J		
P3359-05	E1GD5	Water	Hexadecanoic acid, methyl ester	*	4.900	J		
P3359-05	E1GD5	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			10.00		
P3359-05	E1GD5	Water	Acetophenone		1.600	J 0.89	10	ug/L
			Total Svoc :			1.60		
			Total Concentration:			11.60		
Client ID : E1GF0								
P3359-06	E1GF0	Water	1-Hexanol, 2-ethyl-	*	3.300	J		
P3359-06	E1GF0	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	3.600	J		

Hit Summary Sheet SW-846

SDG No.: BG080724

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3359-06	E1GF0	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			6.90		
P3359-06	E1GF0	Water	Acetophenone		2.200	J 0.89	10	ug/L
			Total Svoc :			2.20		
			Total Concentration:			9.10		
Client ID : E1G66								
P3359-08	E1G66	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E1G76								
P3359-09	E1G76	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E1G77								
P3359-10	E1G77	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : E1GD6								
P3359-12	E1GD6	Water	1-Hexanol, 2-ethyl-	*	14.000	J		
P3359-12	E1GD6	Water	7,9-Di-tert-butyl-1-oxaspiro(4,5)d	*	4.300	J		
P3359-12	E1GD6	Water	Propanoic acid, 2-methyl-, 2-ethyl	*	2.100	J		
P3359-12	E1GD6	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			20.40		
			Total Concentration:			20.40		

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG080524 SAS No.: BG080524 SDG No.: BG080524

Instrument ID: _____ Calibration Date(s): 8/5/2024 1: _____

Calibration Time(s): 10:38 _____

LAB FILE ID:		RRFAL1 = BG062232.D		RRFAL2 = BG062233.D		RRFAL3 = BG062234.D		
		RRFAL4 = BG062235.D		RRFAL5 = BG062236.D		RRFAL6 = BG062237.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.503	0.599	0.541	0.466	0.509		0.524	9.5
Benzaldehyde		1.203	1.136	1.161	0.863	0.681	1.009	22.5
Pyridine		1.602	1.525	1.482	1.532	1.443	1.517	3.9
Hexachloroethane	0.510	0.553	0.540	0.537	0.561		0.540	3.6
Nitrobenzene	0.272	0.353	0.357	0.382	0.390		0.351	13.3
Isophorone	0.781	0.938	0.857	0.844	0.799		0.844	7.3
2-Nitrophenol	0.089	0.132	0.148	0.161	0.173		0.141	23.1
2,4-Dimethylphenol	0.369	0.435	0.404	0.409	0.398		0.403	5.9
Bis(2-Chloroethoxy)methane	0.447	0.525	0.477	0.469	0.461		0.476	6.3
2,4-Dichlorophenol	0.298	0.370	0.344	0.352	0.343		0.342	7.8
Naphthalene	1.056	1.237	1.161	1.132	1.099		1.137	6.0
4-Chloroaniline		0.523	0.484	0.480	0.461	0.440	0.478	6.4
Hexachlorobutadiene	0.251	0.274	0.261	0.256	0.250		0.258	3.8
Phenol		2.088	1.974	2.009	2.007	1.993	2.014	2.2
Caprolactam		0.131	0.122	0.120	0.113	0.111	0.119	6.6
4-Chloro-3-methylphenol	0.326	0.424	0.400	0.395	0.371		0.383	9.7
1-Methylnaphthalene	0.822	0.886	0.835	0.777	0.736		0.811	7.1
2-Methylnaphthalene	0.750	0.866	0.787	0.775	0.738		0.783	6.4
Hexachlorocyclopentadiene		0.218	0.240	0.245	0.271	0.295	0.254	11.7
2,4,6-Trichlorophenol	0.315	0.394	0.401	0.389	0.395		0.379	9.5
2,4,5-Trichlorophenol	0.329	0.423	0.439	0.422	0.428		0.408	11.0
1,1-Biphenyl	1.475	1.646	1.598	1.453	1.405		1.515	6.7
2-Chloronaphthalene	1.138	1.291	1.238	1.123	1.097		1.177	7.1
2-Nitroaniline	0.212	0.271	0.319	0.348	0.350		0.300	19.6
Bis(2-Chloroethyl)ether		1.564	1.532	1.507	1.492	1.369	1.493	5.0
Dimethylphthalate	1.470	1.669	1.577	1.548	1.476		1.548	5.3
2,6-Dinitrotoluene	0.127	0.194	0.220	0.248	0.268		0.211	26.0
Acenaphthylene	1.751	2.009	1.897	1.880	1.784		1.864	5.5
3-Nitroaniline		0.232	0.233	0.259	0.249	0.230	0.241	5.3
Acenaphthene	1.331	1.486	1.404	1.387	1.331		1.388	4.6
2,4-Dinitrophenol		0.053	0.062	0.080	0.104	0.121	0.084	34.1
4-Nitrophenol		0.181	0.193	0.198	0.203	0.192	0.193	4.1
Dibenzofuran	1.869	2.010	1.978	1.910	1.819		1.917	4.1
2,4-Dinitrotoluene	0.188	0.253	0.309	0.342	0.358		0.290	24.1
Diethylphthalate	1.479	1.711	1.594	1.560	1.473		1.563	6.2
2-Chlorophenol	1.249	1.498	1.488	1.484	1.546		1.453	8.0

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG080524 SAS No.: BG080524 SDG No.: BG080524

Instrument ID: _____ Calibration Date(s): 8/5/2024 1: _____

Calibration Time(s): 10:38 _____

LAB FILE ID:		RRFAL1 = BG062232.D		RRFAL2 = BG062233.D		RRFAL3 = BG062234.D		
		RRFAL4 = BG062235.D		RRFAL5 = BG062236.D		RRFAL6 = BG062237.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.482	1.638	1.530	1.488	1.358		1.499	6.7
4-Chlorophenyl-phenylether	0.771	0.839	0.790	0.760	0.705		0.773	6.3
4-Nitroaniline		0.228	0.236	0.256	0.226	0.214	0.232	6.6
4,6-Dinitro-2-methylphenol		0.043	0.055	0.067	0.084	0.092	0.068	29.7
N-Nitrosodiphenylamine	0.566	0.635	0.611	0.597	0.587		0.599	4.3
1,2,4,5-Tetrachlorobenzene	0.624	0.704	0.664	0.640	0.633		0.653	4.9
4-Bromophenyl-phenylether	0.210	0.240	0.235	0.229	0.225		0.228	5.0
Hexachlorobenzene	0.252	0.284	0.270	0.263	0.257		0.265	4.8
Atrazine		0.245	0.235	0.228	0.228	0.213	0.230	5.1
Pentachlorophenol		0.111	0.127	0.143	0.157	0.160	0.140	14.8
2-Methylphenol		1.529	1.541	1.539	1.537	1.448	1.519	2.6
Phenanthrene	1.072	1.232	1.148	1.115	1.061		1.126	6.1
Pentachlorobenzene	0.306	0.317	0.319	0.312	0.313		0.313	1.6
Anthracene	1.103	1.266	1.180	1.143	1.084		1.155	6.2
1,2,3,4-Tetrachlorobenzene	0.284	0.316	0.313	0.290	0.294		0.300	4.7
Carbazole		1.050	0.984	0.961	0.926	0.817	0.947	9.1
Di-n-butylphthalate	0.989	1.208	1.176	1.151	1.113		1.127	7.5
Fluoranthene	1.281	1.452	1.345	1.358	1.283		1.344	5.2
Pyrene	1.361	1.567	1.438	1.442	1.349		1.431	6.1
Butylbenzylphthalate	0.416	0.518	0.499	0.521	0.516		0.494	9.0
3,3-Dichlorobenzidine		0.516	0.468	0.472	0.428	0.367	0.450	12.4
2,2-oxybis (1-Chloropropane)		3.214	3.117	3.019	3.050	2.850	3.050	4.4
Benzo (a) anthracene	1.394	1.591	1.465	1.461	1.413		1.465	5.3
Chrysene	1.340	1.491	1.384	1.371	1.329		1.383	4.7
Bis (2-ethylhexyl) phthalate	0.671	0.812	0.767	0.797	0.765		0.762	7.2
Di-n-octyl phthalate		1.194	1.143	1.188	1.147	1.025	1.139	6.0
Benzo (b) fluoranthene	1.143	1.294	1.230	1.235	1.181		1.217	4.7
Benzo (k) fluoranthene	1.164	1.341	1.248	1.230	1.205		1.238	5.3
Benzo (a) pyrene	1.066	1.237	1.156	1.160	1.137		1.151	5.3
Indeno (1,2,3-cd) pyrene	1.377	1.557	1.499	1.519	1.506		1.492	4.5
Dibenzo (a,h) anthracene	1.131	1.292	1.203	1.252	1.214		1.218	5.0
Benzo (g,h,i) perylene	1.034	1.182	1.135	1.158	1.156		1.133	5.1
Acetophenone		2.696	2.604	2.570	2.490	2.301	2.532	5.9
2,3,4,6-Tetrachlorophenol	0.282	0.386	0.386	0.391	0.391		0.367	12.9
1,4-Dioxane-d8	0.406	0.512	0.461	0.465	0.475		0.464	8.2
Pyridine-d5		1.504	1.440	1.460	1.496	1.396	1.459	3.0

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG080524 SAS No.: BG080524 SDG No.: BG080524
Instrument ID: _____ Calibration Date(s): 8/5/2024 1: _____
Calibration Time(s): 10:38 _____

LAB FILE ID:		RRFAL1 = BG062232.D			RRFAL2 = BG062233.D		RRFAL3 = BG062234.D	
		RRFAL4 = BG062235.D			RRFAL5 = BG062236.D		RRFAL6 = BG062237.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.937	1.883	1.913	1.906	1.906	1.909	1.0
Bis-(2-Chloroethyl)ether-d8		1.236	1.205	1.169	1.163	1.103	1.175	4.2
2-Chlorophenol-d4	1.204	1.373	1.390	1.406	1.465		1.368	7.1
4-Methylphenol-d8		1.625	1.586	1.596	1.619	1.524	1.590	2.5
Nitrobenzene-d5	0.092	0.120	0.123	0.136	0.146		0.123	16.6
2-Nitrophenol-d4	0.078	0.106	0.113	0.135	0.148		0.116	23.3
2,4-Dichlorophenol-d3	0.300	0.362	0.342	0.343	0.338		0.337	6.8
4-Chloroaniline-d4		0.535	0.492	0.486	0.475	0.455	0.489	6.0
4-Methylphenol		1.751	1.695	1.702	1.722	1.634	1.701	2.6
Dimethylphthalate-d6	1.467	1.656	1.579	1.540	1.473		1.543	5.1
Acenaphthylene-d8	1.641	1.843	1.793	1.781	1.690		1.750	4.7
4-Nitrophenol-d4		0.204	0.207	0.226	0.228	0.215	0.216	5.0
Fluorene-d10	1.314	1.506	1.413	1.385	1.306		1.385	5.9
4,6-Dinitro-2-methylphenol		0.042	0.047	0.057	0.071	0.079	0.059	26.7
Anthracene-d10	0.911	1.046	0.989	0.959	0.918		0.965	5.8
Pyrene-d10	1.126	1.281	1.200	1.194	1.143		1.189	5.1
Benzo(a)pyrene-d12	0.992	1.128	1.079	1.081	1.065		1.069	4.6
N-Nitroso-di-n-propylamine	1.159	1.402	1.409	1.386	1.372		1.346	7.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG080724 SAS No.: BG080724 SDG NO.: BG080724

EPA Sample No.: SSTD020427 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BG062234.D Time Analyzed: 11:17

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	45117	7.965	214110	10.76	160520	14.59
UPPER LIMIT	90234	8.465	428220	11.261	321040	15.085
LOWER LIMIT	22558.5	7.465	107055	10.261	80260	14.085
EPA SAMPLE NO.						
01 SBLK305	56591	7.96	260907	10.76	206632	14.58
02 SBLK309	53215	7.96	249411	10.75	214801	14.58
03 C0B04	58620	7.96	283093	10.75	227912	14.58
04 E1G97	54236	7.96	250375	10.75	208161	14.58
05 E1G98	53242	7.96	245277	10.76	209950	14.58
06 E1G99	56270	7.96	258735	10.76	213152	14.58
07 E1GD5	59828	7.96	298268	10.75	235223	14.58
08 E1GF0	55556	7.96	266478	10.76	207251	14.58
09 E1G66	60528	7.96	299509	10.75	245896	14.58
10 E1G76	62227	7.96	289386	10.76	241399	14.58
11 E1G77	61323	7.96	291495	10.75	238716	14.57
12 E1GD6	54847	7.96	258663	10.76	222867	14.58
13 SLCS309	58457	7.96	267943	10.76	221703	14.58

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 LOWER 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.: BG080724 SAS No.: BG080724 SDG NO.: BG080724

EPA Sample No.: SSTD020594 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BG062296.D Time Analyzed: 11:17

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	51398	7.963	243191	10.75	187047	14.58
UPPER LIMIT	102796	8.463	486382	11.254	374094	15.078
LOWER LIMIT	25699	7.463	121595.5	10.254	93523.5	14.078
EPA SAMPLE NO.						
01 SBLK305	56591	7.96	260907	10.76	206632	14.58
02 SBLK309	53215	7.96	249411	10.75	214801	14.58
03 C0B04	58620	7.96	283093	10.75	227912	14.58
04 E1G97	54236	7.96	250375	10.75	208161	14.58
05 E1G98	53242	7.96	245277	10.76	209950	14.58
06 E1G99	56270	7.96	258735	10.76	213152	14.58
07 E1GD5	59828	7.96	298268	10.75	235223	14.58
08 E1GF0	55556	7.96	266478	10.76	207251	14.58
09 E1G66	60528	7.96	299509	10.75	245896	14.58
10 E1G76	62227	7.96	289386	10.76	241399	14.58
11 E1G77	61323	7.96	291495	10.75	238716	14.57
12 E1GD6	54847	7.96	258663	10.76	222867	14.58
13 SLCS309	58457	7.96	267943	10.76	221703	14.58

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.: BG080724 SAS No.: BG080724 SDG NO.: BG080724

EPA Sample No.: SSTD020427 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BG062234.D Time Analyzed: 11:17

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	357990	17.329	353741	21.576	398635	24.672
UPPER LIMIT	715980	17.829	707482	22.076	797270	25.172
LOWER LIMIT	178995	16.829	176870.5	21.076	199317.5	24.172
EPA SAMPLE NO.						
01 SBLK305	440125	17.32	422238	21.57	494447	24.66
02 SBLK309	474963	17.32	448455	21.56	539576	24.66
03 C0B04	482562	17.32	462112	21.56	543828	24.65
04 E1G97	469209	17.32	448117	21.56	523695	24.66
05 E1G98	452194	17.32	440405	21.56	517417	24.65
06 E1G99	453772	17.32	440312	21.56	505748	24.65
07 E1GD5	500574	17.31	493091	21.55	580260	24.65
08 E1GF0	436946	17.32	432200	21.56	502612	24.65
09 E1G66	524456	17.32	528304	21.56	608752	24.65
10 E1G76	518740	17.32	522998	21.56	608557	24.65
11 E1G77	505103	17.32	498446	21.56	581883	24.64
12 E1GD6	476402	17.32	478977	21.56	553643	24.65
13 SLCS309	475008	17.32	475846	21.56	543806	24.65

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.: BG080724 SAS No.: BG080724 SDG NO.: BG080724

EPA Sample No.: SSTD020594 Date Analyzed: Aug 7 2024 12:00AM

Lab File ID: BG062296.D Time Analyzed: 11:17

Instrument ID: BNA_G GC Column: ZB-GR ID: 0.25 (mm)

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	402202	17.316	395860	21.563	447578	24.653
	UPPER LIMIT	804404	17.816	791720	22.063	895156	25.153
	LOWER LIMIT	201101	16.816	197930	21.063	223789	24.153
	EPA SAMPLE NO.						
01	SBLK305	440125	17.32	422238	21.57	494447	24.66
02	SBLK309	474963	17.32	448455	21.56	539576	24.66
03	C0B04	482562	17.32	462112	21.56	543828	24.65
04	E1G97	469209	17.32	448117	21.56	523695	24.66
05	E1G98	452194	17.32	440405	21.56	517417	24.65
06	E1G99	453772	17.32	440312	21.56	505748	24.65
07	E1GD5	500574	17.31	493091	21.55	580260	24.65
08	E1GF0	436946	17.32	432200	21.56	502612	24.65
09	E1G66	524456	17.32	528304	21.56	608752	24.65
10	E1G76	518740	17.32	522998	21.56	608557	24.65
11	E1G77	505103	17.32	498446	21.56	581883	24.64
12	E1GD6	476402	17.32	478977	21.56	553643	24.65
13	SLCS309	475008	17.32	475846	21.56	543806	24.65

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.: BG080724

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB162309BS	1,4-Dioxane	16	9.2	ug/L	58				0	0	
	Benzaldehyde	40	28	ug/L	70				0	0	
	Pyridine	40	26	ug/L	65				0	0	
	Phenol	40	30	ug/L	75				0	0	
	Bis(2-chloroethyl)ether	40	28	ug/L	70				0	0	
	2-Chlorophenol	40	29	ug/L	73				0	0	
	2-Methylphenol	40	29	ug/L	73				0	0	
	2,2-oxybis(1-Chloropropane)	40	29	ug/L	73				0	0	
	Acetophenone	40	28	ug/L	70				0	0	
	4-Methylphenol	40	29	ug/L	73				0	0	
	N-Nitroso-di-n-propylamine	40	29	ug/L	73				0	0	
	Hexachloroethane	40	30	ug/L	75				0	0	
	Nitrobenzene	40	34	ug/L	85				0	0	
	Isophorone	40	29	ug/L	73				0	0	
	2-Nitrophenol	40	40	ug/L	100				0	0	
	2,4-Dimethylphenol	40	24	ug/L	60				0	0	
	Bis(2-chloroethoxy)methane	40	29	ug/L	73				0	0	
	2,4-Dichlorophenol	40	31	ug/L	78				0	0	
	Naphthalene	40	29	ug/L	73				0	0	
	4-Chloroaniline	40	24	ug/L	60				0	0	
	Hexachlorobutadiene	40	28	ug/L	70				0	0	
	Caprolactam	40	32	ug/L	80				0	0	
	4-Chloro-3-methylphenol	40	33	ug/L	83				0	0	
	1-Methylnaphthalene	40	31	ug/L	78				0	0	
	2-Methylnaphthalene	40	31	ug/L	78				0	0	
	Hexachlorocyclopentadiene	40	30	ug/L	75				0	0	
	2,4,6-Trichlorophenol	40	27	ug/L	68				0	0	
	2,4,5-Trichlorophenol	40	30	ug/L	75				0	0	
	1,1'-Biphenyl	40	29	ug/L	73				0	0	
	2-Chloronaphthalene	40	29	ug/L	73				0	0	
	2-Nitroaniline	40	36	ug/L	90				0	0	
	Dimethylphthalate	40	28	ug/L	70				0	0	
	2,6-Dinitrotoluene	40	38	ug/L	95				0	0	
	Acenaphthylene	40	29	ug/L	73				0	0	
	3-Nitroaniline	40	35	ug/L	88				0	0	
	Acenaphthene	40	27	ug/L	68				0	0	
	2,4-Dinitrophenol	40	44	ug/L	110				0	0	
	4-Nitrophenol	40	31	ug/L	78				0	0	
	Dibenzofuran	40	28	ug/L	70				0	0	
	2,4-Dinitrotoluene	40	41	ug/L	103				0	0	
	Diethylphthalate	40	27	ug/L	68				0	0	
	Fluorene	40	28	ug/L	70				0	0	
	4-Chlorophenyl-phenylether	40	28	ug/L	70				0	0	
	4-Nitroaniline	40	37	ug/L	93				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG080724

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162309BS	4,6-Dinitro-2-methylphenol	40	46	ug/L	115				0	0	
	N-Nitrosodiphenylamine	40	29	ug/L	73				0	0	
	1,2,4,5-Tetrachlorobenzene	40	29	ug/L	73				0	0	
	4-Bromophenyl-phenylether	40	30	ug/L	75				0	0	
	Hexachlorobenzene	40	30	ug/L	75				0	0	
	Atrazine	40	3.1	ug/L	8				0	0	
	Pentachlorophenol	40	26	ug/L	65				0	0	
	Phenanthrene	40	29	ug/L	73				0	0	
	Pentachlorobenzene	40	28	ug/L	70				0	0	
	Anthracene	40	28	ug/L	70				0	0	
	1,2,3,4-Tetrachlorobenzene	40	30	ug/L	75				0	0	
	Carbazole	40	30	ug/L	75				0	0	
	Di-n-butylphthalate	40	30	ug/L	75				0	0	
	Fluoranthene	40	29	ug/L	73				0	0	
	Pyrene	40	29	ug/L	73				0	0	
	Butylbenzylphthalate	40	31	ug/L	78				0	0	
	3,3'-Dichlorobenzidine	40	32	ug/L	80				0	0	
	Benzo(a)anthracene	40	29	ug/L	73				0	0	
	Chrysene	40	29	ug/L	73				0	0	
	Bis(2-ethylhexyl)phthalate	40	30	ug/L	75				0	0	
	Di-n-octylphthalate	40	30	ug/L	75				0	0	
	Benzo(b)fluoranthene	40	30	ug/L	75				0	0	
	Benzo(k)fluoranthene	40	29	ug/L	73				0	0	
	Benzo(a)pyrene	40	29	ug/L	73				0	0	
	Indeno(1,2,3-cd)pyrene	40	29	ug/L	73				0	0	
	Dibenzo(a,h)anthracene	40	30	ug/L	75				0	0	
	Benzo(g,h,i)perylene	40	30	ug/L	75				0	0	
	2,3,4,6-Tetrachlorophenol	40	26	ug/L	65				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK305

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG080724

SAS No.: BG080724 SDG NO.: BG080724

Lab File ID: BG062297.D

Lab Sample ID: PB162305BL

Instrument ID: BNA_G

Date Extracted: 07/25/2024

Matrix: (soil/water) Water

Date Analyzed: 08/07/2024

Level: (low/med) LOW

Time Analyzed: 11:17

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
C0B04	P3347-16	BG062299.D	08/07/2024
E1G97	P3359-01	BG062300.D	08/07/2024
E1G98	P3359-02	BG062301.D	08/07/2024
E1G99	P3359-03	BG062302.D	08/07/2024
E1GD5	P3359-05	BG062303.D	08/07/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK309

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG080724

SAS No.: BG080724 SDG NO.: BG080724

Lab File ID: BG062298.D

Lab Sample ID: PB162309BL

Instrument ID: BNA_G

Date Extracted: 07/26/2024

Matrix: (soil/water) Water

Date Analyzed: 08/07/2024

Level: (low/med) LOW

Time Analyzed: 11:57

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E1GF0	P3359-06	BG062304.D	08/07/2024
E1G66	P3359-08	BG062305.D	08/07/2024
E1G76	P3359-09	BG062306.D	08/07/2024
E1G77	P3359-10	BG062307.D	08/07/2024
E1GD6	P3359-12	BG062308.D	08/07/2024
PB162309BS	PB162309BS	BG062309.D	08/07/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BG080724**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3347-16	C0B04	BG062299.D	1,4-Dioxane-d8	8	4.02	50		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	11.54	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.22	71		25	120
			2-Chlorophenol-d4	40	28.26	71		20	130
			4-Methylphenol-d8	40	23.15	58		25	125
			Nitrobenzene-d5	40	34.70	87		20	125
			2-Nitrophenol-d4	40	38.45	96		20	130
			2,4-Dichlorophenol-d3	40	28.25	71		20	120
			4-Chloroaniline-d4	40	4.91	12		1	146
			Dimethylphthalate-d6	40	28.65	72		25	130
			Acenaphthylene-d8	40	28.07	70		10	130
			4-Nitrophenol-d4	40	11.47	29		10	150
			Fluorene-d10	40	28.75	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	40.05	100		10	130
			Anthracene-d10	40	32.33	81		25	130
			Pyrene-d10	40	33.49	84		15	130
			Benzo(a)pyrene-d12	40	32.86	82		20	130
P3359-01	E1G97	BG062300.D	1,4-Dioxane-d8	8	4.27	53		15	120
			Pyridine-d5	40	5.41	14	*	20	120
			Phenol-d5	40	9.90	25		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.22	73		25	120
			2-Chlorophenol-d4	40	27.33	68		20	130
			4-Methylphenol-d8	40	22.25	56		25	125
			Nitrobenzene-d5	40	36.91	92		20	125
			2-Nitrophenol-d4	40	42.45	106		20	130
			2,4-Dichlorophenol-d3	40	29.73	74		20	120
			4-Chloroaniline-d4	40	23.98	60		1	146
			Dimethylphthalate-d6	40	29.00	73		25	130
			Acenaphthylene-d8	40	29.00	73		10	130
			4-Nitrophenol-d4	40	7.10	18		10	150
			Fluorene-d10	40	29.84	75		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.93	92		10	130
			Anthracene-d10	40	31.02	78		25	130
			Pyrene-d10	40	32.57	81		15	130
			Benzo(a)pyrene-d12	40	31.60	79		20	130
P3359-02	E1G98	BG062301.D	1,4-Dioxane-d8	8	3.75	47		15	120
			Pyridine-d5	40	8.36	21		20	120
			Phenol-d5	40	8.95	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.73	69		25	120
			2-Chlorophenol-d4	40	25.61	64		20	130
			4-Methylphenol-d8	40	19.98	50		25	125
			Nitrobenzene-d5	40	35.69	89		20	125
			2-Nitrophenol-d4	40	41.31	103		20	130
			2,4-Dichlorophenol-d3	40	28.78	72		20	120
			4-Chloroaniline-d4	40	24.64	62		1	146
			Dimethylphthalate-d6	40	27.28	68		25	130
			Acenaphthylene-d8	40	27.31	68		10	130
			4-Nitrophenol-d4	40	6.45	16		10	150

Surrogate Summary

SW-846

SDG No.: **BG080724**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3359-02	E1G98	BG062301.D	Fluorene-d10	40	28.29	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.52	94		10	130
			Anthracene-d10	40	31.20	78		25	130
			Pyrene-d10	40	32.42	81		15	130
			Benzo(a)pyrene-d12	40	32.45	81		20	130
P3359-03	E1G99	BG062302.D	1,4-Dioxane-d8	8	3.77	47		15	120
			Pyridine-d5	40	5.34	13	*	20	120
			Phenol-d5	40	9.64	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.08	70		25	120
			2-Chlorophenol-d4	40	26.04	65		20	130
			4-Methylphenol-d8	40	21.46	54		25	125
			Nitrobenzene-d5	40	35.51	89		20	125
			2-Nitrophenol-d4	40	40.57	101		20	130
			2,4-Dichlorophenol-d3	40	30.39	76		20	120
			4-Chloroaniline-d4	40	22.33	56		1	146
			Dimethylphthalate-d6	40	30.47	76		25	130
			Acenaphthylene-d8	40	28.07	70		10	130
			4-Nitrophenol-d4	40	7.94	20		10	150
			Fluorene-d10	40	30.84	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	40.44	101		10	130
			Anthracene-d10	40	32.81	82		25	130
			Pyrene-d10	40	33.72	84		15	130
			Benzo(a)pyrene-d12	40	33.94	85		20	130
P3359-05	E1GD5	BG062303.D	1,4-Dioxane-d8	8	3.89	49		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	10.17	25		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.04	65		25	120
			2-Chlorophenol-d4	40	24.78	62		20	130
			4-Methylphenol-d8	40	19.68	49		25	125
			Nitrobenzene-d5	40	29.76	74		20	125
			2-Nitrophenol-d4	40	34.29	86		20	130
			2,4-Dichlorophenol-d3	40	26.18	65		20	120
			4-Chloroaniline-d4	40	21.06	53		1	146
			Dimethylphthalate-d6	40	25.42	64		25	130
			Acenaphthylene-d8	40	24.98	62		10	130
			4-Nitrophenol-d4	40	9.82	25		10	150
			Fluorene-d10	40	25.89	65		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.82	87		10	130
			Anthracene-d10	40	29.06	73		25	130
			Pyrene-d10	40	29.70	74		15	130
			Benzo(a)pyrene-d12	40	30.13	75		20	130
PB162305BL	PB162305BL	BG062297.D	1,4-Dioxane-d8	8	4.78	60		15	120
			Pyridine-d5	40	24.50	61		20	120
			Phenol-d5	40	27.11	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.76	67		25	120
			2-Chlorophenol-d4	40	27.06	68		20	130
			4-Methylphenol-d8	40	27.01	68		25	125
			Nitrobenzene-d5	40	34.23	86		20	125
			2-Nitrophenol-d4	40	37.96	95		20	130

Surrogate Summary

SW-846

SDG No.: BG080724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162305BL	PB162305BL	BG062297.D	2,4-Dichlorophenol-d3	40	28.92	72		20	120
			4-Chloroaniline-d4	40	28.51	71		1	146
			Dimethylphthalate-d6	40	27.53	69		25	130
			Acenaphthylene-d8	40	27.40	69		10	130
			4-Nitrophenol-d4	40	26.94	67		10	150
			Fluorene-d10	40	27.70	69		25	125
			4,6-Dinitro-2-methylphenol-d2	40	32.57	81		10	130
			Anthracene-d10	40	28.96	72		25	130
			Pyrene-d10	40	28.85	72		15	130
			Benzo(a)pyrene-d12	40	28.43	71		20	130

Surrogate Summary

SW-846

SDG No.: **BG080724**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3359-06	E1GF0	BG062304.D	1,4-Dioxane-d8	8	3.69	46		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	11.61	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.56	71		25	120
			2-Chlorophenol-d4	40	28.23	71		20	130
			4-Methylphenol-d8	40	22.75	57		25	125
			Nitrobenzene-d5	40	33.74	84		20	125
			2-Nitrophenol-d4	40	39.94	100		20	130
			2,4-Dichlorophenol-d3	40	29.55	74		20	120
			4-Chloroaniline-d4	40	9.65	24		1	146
			Dimethylphthalate-d6	40	29.96	75		25	130
			Acenaphthylene-d8	40	29.05	73		10	130
			4-Nitrophenol-d4	40	11.83	30		10	150
			Fluorene-d10	40	30.79	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	39.22	98		10	130
			Anthracene-d10	40	33.10	83		25	130
			Pyrene-d10	40	33.42	84		15	130
			Benzo(a)pyrene-d12	40	34.08	85		20	130
P3359-08	E1G66	BG062305.D	1,4-Dioxane-d8	8	4.16	52		15	120
			Pyridine-d5	40	8.47	21		20	120
			Phenol-d5	40	7.89	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.62	72		25	120
			2-Chlorophenol-d4	40	26.26	66		20	130
			4-Methylphenol-d8	40	18.77	47		25	125
			Nitrobenzene-d5	40	34.59	86		20	125
			2-Nitrophenol-d4	40	40.08	100		20	130
			2,4-Dichlorophenol-d3	40	29.22	73		20	120
			4-Chloroaniline-d4	40	23.51	59		1	146
			Dimethylphthalate-d6	40	27.39	68		25	130
			Acenaphthylene-d8	40	27.54	69		10	130
			4-Nitrophenol-d4	40	6.98	17		10	150
			Fluorene-d10	40	28.42	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	38.79	97		10	130
			Anthracene-d10	40	30.06	75		25	130
			Pyrene-d10	40	30.37	76		15	130
			Benzo(a)pyrene-d12	40	31.27	78		20	130
P3359-09	E1G76	BG062306.D	1,4-Dioxane-d8	8	4.24	53		15	120
			Pyridine-d5	40	6.07	15	*	20	120
			Phenol-d5	40	7.09	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.11	70		25	120
			2-Chlorophenol-d4	40	25.41	64		20	130
			4-Methylphenol-d8	40	17.05	43		25	125
			Nitrobenzene-d5	40	34.98	87		20	125
			2-Nitrophenol-d4	40	39.91	100		20	130
			2,4-Dichlorophenol-d3	40	29.51	74		20	120
			4-Chloroaniline-d4	40	21.68	54		1	146
			Dimethylphthalate-d6	40	26.12	65		25	130
			Acenaphthylene-d8	40	26.62	67		10	130
			4-Nitrophenol-d4	40	5.83	15		10	150

Surrogate Summary

SW-846

SDG No.: **BG080724**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3359-09	E1G76	BG062306.D	Fluorene-d10	40	27.14	68		25	125
			4,6-Dinitro-2-methylphenol-d2	40	35.55	89		10	130
			Anthracene-d10	40	28.29	71		25	130
			Pyrene-d10	40	27.95	70		15	130
			Benzo(a)pyrene-d12	40	28.17	70		20	130
P3359-10	E1G77	BG062307.D	1,4-Dioxane-d8	8	3.66	46		15	120
			Pyridine-d5	40	5.06	13	*	20	120
			Phenol-d5	40	6.90	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.45	71		25	120
			2-Chlorophenol-d4	40	24.93	62		20	130
			4-Methylphenol-d8	40	16.61	42		25	125
			Nitrobenzene-d5	40	34.76	87		20	125
			2-Nitrophenol-d4	40	40.05	100		20	130
			2,4-Dichlorophenol-d3	40	29.02	73		20	120
			4-Chloroaniline-d4	40	19.06	48		1	146
			Dimethylphthalate-d6	40	27.16	68		25	130
			Acenaphthylene-d8	40	27.69	69		10	130
			4-Nitrophenol-d4	40	6.37	16		10	150
			Fluorene-d10	40	27.84	70		25	125
			4,6-Dinitro-2-methylphenol-d2	40	38.17	95		10	130
			Anthracene-d10	40	29.75	74		25	130
			Pyrene-d10	40	30.19	75		15	130
			Benzo(a)pyrene-d12	40	30.73	77		20	130
P3359-12	E1GD6	BG062308.D	1,4-Dioxane-d8	8	3.88	49		15	120
			Pyridine-d5	40	5.34	13	*	20	120
			Phenol-d5	40	7.81	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.99	80		25	120
			2-Chlorophenol-d4	40	29.17	73		20	130
			4-Methylphenol-d8	40	19.38	48		25	125
			Nitrobenzene-d5	40	40.47	101		20	125
			2-Nitrophenol-d4	40	47.03	118		20	130
			2,4-Dichlorophenol-d3	40	34.14	85		20	120
			4-Chloroaniline-d4	40	10.72	27		1	146
			Dimethylphthalate-d6	40	30.37	76		25	130
			Acenaphthylene-d8	40	29.74	74		10	130
			4-Nitrophenol-d4	40	7.00	18		10	150
			Fluorene-d10	40	31.24	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	41.94	105		10	130
			Anthracene-d10	40	32.29	81		25	130
			Pyrene-d10	40	32.57	81		15	130
			Benzo(a)pyrene-d12	40	34.10	85		20	130
PB162309BL	PB162309BL	BG062298.D	1,4-Dioxane-d8	8	5.31	66		15	120
			Pyridine-d5	40	26.41	66		20	120
			Phenol-d5	40	28.11	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.60	69		25	120
			2-Chlorophenol-d4	40	27.63	69		20	130
			4-Methylphenol-d8	40	29.26	73		25	125
			Nitrobenzene-d5	40	35.17	88		20	125
			2-Nitrophenol-d4	40	39.93	100		20	130

Surrogate Summary

SW-846

SDG No.: **BG080724**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162309BL	PB162309BL	BG062298.D	2,4-Dichlorophenol-d3	40	30.63	77		20	120
			4-Chloroaniline-d4	40	30.93	77		1	146
			Dimethylphthalate-d6	40	27.14	68		25	130
			Acenaphthylene-d8	40	27.18	68		10	130
			4-Nitrophenol-d4	40	27.12	68		10	150
			Fluorene-d10	40	28.11	70		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.84	80		10	130
			Anthracene-d10	40	27.92	70		25	130
			Pyrene-d10	40	28.87	72		15	130
			Benzo(a)pyrene-d12	40	27.66	69		20	130
			1,4-Dioxane-d8	8	6.20	77		15	120
			Pyridine-d5	40	25.52	64		20	120
			Phenol-d5	40	29.11	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.50	71		25	120
PB162309BS	PB162309BS	BG062309.D	2-Chlorophenol-d4	40	28.56	71		20	130
			4-Methylphenol-d8	40	28.88	72		25	125
			Nitrobenzene-d5	40	35.30	88		20	125
			2-Nitrophenol-d4	40	41.60	104		20	130
			2,4-Dichlorophenol-d3	40	31.57	79		20	120
			4-Chloroaniline-d4	40	25.57	64		1	146
			Dimethylphthalate-d6	40	27.33	68		25	130
			Acenaphthylene-d8	40	27.66	69		10	130
			4-Nitrophenol-d4	40	33.19	83		10	150
			Fluorene-d10	40	28.03	70		25	125
			4,6-Dinitro-2-methylphenol-d2	40	47.41	119		10	130
			Anthracene-d10	40	28.16	70		25	130
			Pyrene-d10	40	28.57	71		15	130
			Benzo(a)pyrene-d12	40	28.81	72		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG080724

Lab Code: CHEM

SAS No.: BG080724

SDG NO.: BG080724

Lab File ID: BG062295.D

DFTPP Injection Date: 08/07/2024

Instrument ID: BNA_G

DFTPP Injection Time: 09:26

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.1
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	32.4
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	38.8
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	6.6
275	10.0 - 60.0% of mass 198	27.2
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	68.5
443	15.0 - 24.0% of mass 442	13.1 (19.2) 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
SSTD020594	SSTDCCC020	BG062296.D	08/07/2024	10:07
SBLK305	PB162305BL	BG062297.D	08/07/2024	11:17
SBLK309	PB162309BL	BG062298.D	08/07/2024	11:57
C0B04	P3347-16	BG062299.D	08/07/2024	12:39
E1G97	P3359-01	BG062300.D	08/07/2024	13:20
E1G98	P3359-02	BG062301.D	08/07/2024	14:01
E1G99	P3359-03	BG062302.D	08/07/2024	14:42
E1GD5	P3359-05	BG062303.D	08/07/2024	15:23
E1GF0	P3359-06	BG062304.D	08/07/2024	16:04
E1G66	P3359-08	BG062305.D	08/07/2024	16:45
E1G76	P3359-09	BG062306.D	08/07/2024	17:26
E1G77	P3359-10	BG062307.D	08/07/2024	18:08
E1GD6	P3359-12	BG062308.D	08/07/2024	18:50
SLCS309	PB162309BS	BG062309.D	08/07/2024	19:31
SSTD020595	SSTDCCC020EC	BG062310.D	08/07/2024	20:53