

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG081224 SAS No.: BG081224 SDG No.: BG081224

Instrument ID: BNA_G Calibration Date/Time: 8/12/2024 11:10

Lab File ID: BG062361.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020451 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	0.525	0.010	0.334	40.0
Benzaldehyde	1.009	1.137	0.010	12.6546	40.0
Pyridine	1.517	1.523	0.010	0.3822	40.0
Phenol	2.014	1.748	0.080	-13.2091	20.0
Bis(2-Chloroethyl)ether	1.493	1.362	0.100	-8.7744	20.0
2-Chlorophenol	1.453	1.278	0.200	-12.0736	20.0
2-Methylphenol	1.519	1.398	0.010	-7.9569	20.0
2,2-oxybis(1-Chloropropane)	3.050	2.893	0.010	-5.1558	40.0
Acetophenone	2.532	2.385	0.060	-5.8167	20.0
4-Methylphenol	1.701	1.568	0.010	-7.7872	20.0
N-Nitroso-di-n-propylamine	1.346	1.258	0.050	-6.5168	30.0
Hexachloroethane	0.540	0.506	0.100	-6.336	20.0
Nitrobenzene	0.351	0.289	0.050	-17.5507	25.0
Isophorone	0.844	0.763	0.050	-9.5716	25.0
2-Nitrophenol	0.141	0.107	0.050	-23.9154	25.0
2,4-Dimethylphenol	0.403	0.367	0.050	-8.9652	25.0
Bis(2-Chloroethoxy)methane	0.476	0.447	0.050	-5.9665	20.0
2,4-Dichlorophenol	0.342	0.318	0.060	-6.7922	20.0
Naphthalene	1.137	1.057	0.200	-7.0112	20.0
4-Chloroaniline	0.478	0.451	0.010	-5.6674	40.0
Hexachlorobutadiene	0.258	0.229	0.040	-11.5318	30.0
Caprolactam	0.119	0.120	0.010	0.5986	40.0
4-Chloro-3-methylphenol	0.383	0.381	0.040	-0.5836	25.0
1-Methylnaphthalene	0.811	0.785	0.100	-3.2823	20.0
2-Methylnaphthalene	0.783	0.768	0.100	-2.0051	20.0
Hexachlorocyclopentadiene	0.254	0.257	0.010	1.3254	40.0
2,4,6-Trichlorophenol	0.379	0.347	0.090	-8.4634	25.0
2,4,5-Trichlorophenol	0.408	0.376	0.100	-7.9266	25.0
1,1-Biphenyl	1.515	1.380	0.200	-8.9528	20.0
2-Chloronaphthalene	1.177	1.075	0.300	-8.6851	20.0
2-Nitroaniline	0.300	0.233	0.050	-22.4615	40.0
Dimethylphthalate	1.548	1.425	0.300	-7.9403	20.0
2,6-Dinitrotoluene	0.211	0.156	0.080	-25.9736	30.0
Acenaphthylene	1.864	1.685	0.400	-9.6235	20.0
3-Nitroaniline	0.241	0.194	0.010	-19.5123	40.0
Acenaphthene	1.388	1.253	0.200	-9.7284	20.0
2,4-Dinitrophenol	0.084	0.086	0.010	2.3407	40.0
4-Nitrophenol	0.193	0.171	0.010	-11.3753	40.0
Dibenzofuran	1.917	1.787	0.300	-6.8229	20.0

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Instrument ID: BNA_G Calibration Date/Time: 8/12/2024 11:10

Lab File ID: BG062361.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020451 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	0.252	0.070	-13.1285	30.0
Diethylphthalate	1.563	1.444	0.300	-7.6151	20.0
Fluorene	1.499	1.405	0.200	-6.2721	20.0
4-Chlorophenyl-phenylether	0.773	0.720	0.100	-6.845	20.0
4-Nitroaniline	0.232	0.225	0.010	-3.1515	40.0
4,6-Dinitro-2-methylphenol	0.068	0.060	0.010	-12.2234	40.0
N-Nitrosodiphenylamine	0.599	0.532	0.050	-11.2299	20.0
1,2,4,5-Tetrachlorobenzene	0.653	0.599	0.100	-8.2336	20.0
4-Bromophenyl-phenylether	0.228	0.206	0.070	-9.7952	20.0
Hexachlorobenzene	0.265	0.236	0.050	-10.8495	25.0
Atrazine	0.230	0.217	0.010	-5.3398	25.0
Pentachlorophenol	0.140	0.128	0.010	-8.4978	40.0
Phenanthrene	1.126	1.024	0.200	-8.9947	20.0
Pentachlorobenzene	0.313	0.266	0.050	-15.1727	20.0
Anthracene	1.155	1.058	0.200	-8.3842	20.0
1,2,3,4-Tetrachlorobenzene	0.300	0.260	0.050	-13.1414	20.0
Carbazole	0.947	0.862	0.050	-9.048	40.0
Di-n-butylphthalate	1.127	1.040	0.500	-7.7965	25.0
Fluoranthene	1.344	1.245	0.400	-7.3961	25.0
Pyrene	1.431	1.334	0.400	-6.8336	25.0
Butylbenzylphthalate	0.494	0.451	0.100	-8.7149	40.0
3,3-Dichlorobenzidine	0.450	0.436	0.010	-3.0476	40.0
Benzo (a) anthracene	1.465	1.324	0.300	-9.6139	30.0
Chrysene	1.383	1.245	0.200	-9.9793	30.0
Bis(2-ethylhexyl)phthalate	0.762	0.680	0.200	-10.8553	40.0
Di-n-octyl phthalate	1.139	1.004	0.010	-11.8795	40.0
Benzo (b) fluoranthene	1.217	1.099	0.200	-9.6761	25.0
Benzo (k) fluoranthene	1.238	1.086	0.200	-12.235	25.0
Benzo (a) pyrene	1.151	1.045	0.200	-9.1944	20.0
Indeno (1,2,3-cd) pyrene	1.492	1.337	0.200	-10.3437	25.0
Dibenzo (a,h) anthracene	1.218	1.078	0.200	-11.5327	30.0
Benzo (g,h,i) perylene	1.133	1.026	0.200	-9.3922	30.0
2,3,4,6-Tetrachlorophenol	0.367	0.352	0.040	-4.1867	20.0
1,4-Dioxane-d8	0.464	0.478	0.010	3.1578	25.0
Pyridine-d5	1.459	1.428	0.010	-2.1287	40.0
Phenol-d5	1.909	1.693	0.010	-11.2942	25.0
Bis- (2-Chloroethyl) ether-d8	1.175	1.097	0.050	-6.6484	25.0
2-Chlorophenol-d4	1.368	1.212	0.200	-11.3949	20.0
4-Methylphenol-d8	1.590	1.438	0.010	-9.5415	20.0

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Instrument ID: BNA_G Calibration Date/Time: 8/12/2024 11:10

Lab File ID: BG062361.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020451 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.123	0.095	0.050	-22.7655	20.0
2-Nitrophenol-d4	0.116	0.087	0.050	-24.7858	30.0
2,4-Dichlorophenol-d3	0.337	0.305	0.060	-9.4244	20.0
4-Chloroaniline-d4	0.489	0.460	0.010	-5.8378	40.0
Dimethylphthalate-d6	1.543	1.399	0.300	-9.3472	20.0
Acenaphthylene-d8	1.750	1.572	0.400	-10.1325	20.0
4-Nitrophenol-d4	0.216	0.188	0.010	-12.9908	40.0
Fluorene-d10	1.385	1.313	0.100	-5.2082	20.0
4,6-Dinitro-2-methylphenol-d2	0.059	0.054	0.010	-9.6022	40.0
Anthracene-d10	0.965	0.888	0.300	-7.9722	20.0
Pyrene-d10	1.189	1.099	0.300	-7.5825	25.0
Benzo(a)pyrene-d12	1.069	0.963	0.010	-9.9704	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG081224 SAS No.: BG081224 SDG No.: BG081224

Instrument ID: BNA_G Calibration Date/Time: 8/12/2024 1:21:25

Lab File ID: BG062376.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020452 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	0.590	0.010	12.7512	50.0
Benzaldehyde	1.009	1.248	0.010	23.7217	50.0
Pyridine	1.517	1.557	0.010	2.668	50.0
Phenol	2.014	2.010	0.080	-0.2127	50.0
Bis(2-Chloroethyl)ether	1.493	1.499	0.100	0.4304	50.0
2-Chlorophenol	1.453	1.428	0.200	-1.7508	50.0
2-Methylphenol	1.519	1.484	0.010	-2.3173	50.0
2,2-oxybis(1-Chloropropane)	3.050	3.050	0.010	0.0145	50.0
Acetophenone	2.532	2.620	0.060	3.4765	50.0
4-Methylphenol	1.701	1.782	0.010	4.7823	50.0
N-Nitroso-di-n-propylamine	1.346	1.428	0.050	6.1336	50.0
Hexachloroethane	0.540	0.576	0.100	6.5907	50.0
Nitrobenzene	0.351	0.389	0.050	10.8851	50.0
Isophorone	0.844	0.820	0.050	-2.799	50.0
2-Nitrophenol	0.141	0.172	0.050	22.3331	50.0
2,4-Dimethylphenol	0.403	0.400	0.050	-0.8117	50.0
Bis(2-Chloroethoxy)methane	0.476	0.470	0.050	-1.2431	50.0
2,4-Dichlorophenol	0.342	0.346	0.060	1.2557	50.0
Naphthalene	1.137	1.152	0.200	1.3119	50.0
4-Chloroaniline	0.478	0.493	0.010	3.128	50.0
Hexachlorobutadiene	0.258	0.255	0.040	-1.5133	50.0
Caprolactam	0.119	0.133	0.010	11.3454	50.0
4-Chloro-3-methylphenol	0.383	0.425	0.040	10.8042	50.0
1-Methylnaphthalene	0.811	0.842	0.100	3.7587	50.0
2-Methylnaphthalene	0.783	0.831	0.100	6.1396	50.0
Hexachlorocyclopentadiene	0.254	0.306	0.010	20.5878	50.0
2,4,6-Trichlorophenol	0.379	0.396	0.090	4.4847	50.0
2,4,5-Trichlorophenol	0.408	0.433	0.100	6.2116	50.0
1,1-Biphenyl	1.515	1.465	0.200	-3.3322	50.0
2-Chloronaphthalene	1.177	1.131	0.300	-3.9104	50.0
2-Nitroaniline	0.300	0.354	0.050	18.1195	50.0
Dimethylphthalate	1.548	1.502	0.300	-2.9708	50.0
2,6-Dinitrotoluene	0.211	0.262	0.080	23.7344	50.0
Acenaphthylene	1.864	1.788	0.400	-4.0632	50.0
3-Nitroaniline	0.241	0.276	0.010	14.5846	50.0
Acenaphthene	1.388	1.338	0.200	-3.5737	50.0
2,4-Dinitrophenol	0.084	0.125	0.010	48.9317	50.0
4-Nitrophenol	0.193	0.210	0.010	8.6021	50.0
Dibenzofuran	1.917	1.910	0.300	-0.3709	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG081224 SAS No.: BG081224 SDG No.: BG081224

Instrument ID: BNA_G Calibration Date/Time: 8/12/2024 1:21:25

Lab File ID: BG062376.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020452 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	0.393	0.070	35.6524	50.0
Diethylphthalate	1.563	1.518	0.300	-2.9052	50.0
Fluorene	1.499	1.507	0.200	0.4846	50.0
4-Chlorophenyl-phenylether	0.773	0.770	0.100	-0.3228	50.0
4-Nitroaniline	0.232	0.284	0.010	22.3116	50.0
4,6-Dinitro-2-methylphenol	0.068	0.096	0.010	40.3763	50.0
N-Nitrosodiphenylamine	0.599	0.558	0.050	-6.9452	50.0
1,2,4,5-Tetrachlorobenzene	0.653	0.630	0.100	-3.506	50.0
4-Bromophenyl-phenylether	0.228	0.222	0.070	-2.6088	50.0
Hexachlorobenzene	0.265	0.259	0.050	-2.1252	50.0
Atrazine	0.230	0.226	0.010	-1.5844	50.0
Pentachlorophenol	0.140	0.145	0.010	3.9906	50.0
Phenanthrene	1.126	1.091	0.200	-3.0501	50.0
Pentachlorobenzene	0.313	0.290	0.050	-7.5201	50.0
Anthracene	1.155	1.126	0.200	-2.5019	50.0
1,2,3,4-Tetrachlorobenzene	0.300	0.276	0.050	-7.7239	50.0
Carbazole	0.947	0.941	0.050	-0.7228	50.0
Di-n-butylphthalate	1.127	1.113	0.500	-1.2574	50.0
Fluoranthene	1.344	1.356	0.400	0.8655	50.0
Pyrene	1.431	1.434	0.400	0.1714	50.0
Butylbenzylphthalate	0.494	0.494	0.100	-0.0904	50.0
3,3-Dichlorobenzidine	0.450	0.468	0.010	3.966	50.0
Benzo (a) anthracene	1.465	1.417	0.300	-3.2664	50.0
Chrysene	1.383	1.344	0.200	-2.7829	50.0
Bis (2-ethylhexyl) phthalate	0.762	0.715	0.200	-6.2449	50.0
Di-n-octyl phthalate	1.139	1.071	0.010	-6.0012	50.0
Benzo (b) fluoranthene	1.217	1.160	0.200	-4.6922	50.0
Benzo (k) fluoranthene	1.238	1.216	0.200	-1.7864	50.0
Benzo (a) pyrene	1.151	1.115	0.200	-3.1748	50.0
Indeno (1,2,3-cd) pyrene	1.492	1.432	0.200	-3.9984	50.0
Dibenzo (a,h) anthracene	1.218	1.166	0.200	-4.3349	50.0
Benzo (g,h,i) perylene	1.133	1.097	0.200	-3.133	50.0
2,3,4,6-Tetrachlorophenol	0.367	0.412	0.040	12.1927	50.0
1,4-Dioxane-d8	0.464	0.502	0.010	8.1212	50.0
Pyridine-d5	1.459	1.515	0.010	3.8268	50.0
Phenol-d5	1.909	1.912	0.010	0.1805	50.0
Bis- (2-Chloroethyl) ether-d8	1.175	1.193	0.050	1.5628	50.0
2-Chlorophenol-d4	1.368	1.377	0.200	0.6456	50.0
4-Methylphenol-d8	1.590	1.623	0.010	2.1031	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG081224 SAS No.: BG081224 SDG No.: BG081224

Instrument ID: BNA_G Calibration Date/Time: 8/12/2024 1: 21:25

Lab File ID: BG062376.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020452 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.123	0.145	0.050	17.8221	50.0
2-Nitrophenol-d4	0.116	0.154	0.050	32.4864	50.0
2,4-Dichlorophenol-d3	0.337	0.338	0.060	0.3177	50.0
4-Chloroaniline-d4	0.489	0.507	0.010	3.6906	50.0
Dimethylphthalate-d6	1.543	1.480	0.300	-4.0727	50.0
Acenaphthylene-d8	1.750	1.673	0.400	-4.3999	50.0
4-Nitrophenol-d4	0.216	0.243	0.010	12.693	50.0
Fluorene-d10	1.385	1.385	0.100	-0.0028	50.0
4,6-Dinitro-2-methylphenol-d2	0.059	0.085	0.010	44.0045	50.0
Anthracene-d10	0.965	0.940	0.300	-2.5478	50.0
Pyrene-d10	1.189	1.175	0.300	-1.1206	50.0
Benzo(a)pyrene-d12	1.069	1.034	0.010	-3.3149	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SBLK650	SDG No.:	BG081224
Lab Sample ID:	PB162650BL	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
BG062362.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

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:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SBLK650	SDG No.:	BG081224
Lab Sample ID:	PB162650BL	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
BG062362.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

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:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SBLK650	SDG No.:	BG081224
Lab Sample ID:	PB162650BL	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
BG062362.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

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	6.012		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	27.19		20-120		68	SPK: -40
4165-62-2	Phenol-d5	24.884		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.637		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.628		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	25.013		25-125		63	SPK: -40
4165-60-0	Nitrobenzene-d5	25.338		20-125		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.526		20-130		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.489		20-120		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.138		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.776		25-130		67	SPK: -40
93951-97-4	Acenaphthylene-d8	25.476		10-130		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.748		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	27.203		25-125		68	SPK: -40

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SBLK650	SDG No.:	BG081224
Lab Sample ID:	PB162650BL	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
BG062362.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.436		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	27.127		25-130		68	SPK: -40
1718-52-1	Pyrene-d10	27.723		15-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.331		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45032	7.957				
1146-65-2	Naphthalene-d8	216088	10.748				
15067-26-2	Acenaphthene-d10	171433	14.572				
1517-22-2	Phenanthrene-d10	416516	17.315				
1719-03-5	Chrysene-d12	411119	21.556				
1520-96-3	Perylene-d12	479106	24.64				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	21.239	2.4	J		21.239	
	(DEL) Alkane: Straight-Chain	21.774	2.5	J		21.774	
013187-99-0	2-Bromo dodecane		2.4	J		22.367	
E966796	Total Alkanes		4.9			99	ug/L

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SLCS650	SDG No.:	BG081224
Lab Sample ID:	PB162650BS	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
BG062363.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	29		2.3	5	10	ug/L
110-86-1	Pyridine	28		2.2	10	10	ug/L
108-95-2	Phenol	30		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	29		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	29		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	30		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	30		1.2	5	10	ug/L
98-86-2	Acetophenone	30		0.89	5	10	ug/L
106-44-5	4-Methylphenol	30		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	30		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	31		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	30		0.99	2.5	5	ug/L
78-59-1	Isophorone	28		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	30		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	27		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	30		0.93	2.5	5	ug/L
91-20-3	Naphthalene	29		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	25		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	27		0.98	2.5	5	ug/L
105-60-2	Caprolactam	31		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	30		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	29		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	29		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	32		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	29		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SLCS650	SDG No.:	BG081224
Lab Sample ID:	PB162650BS	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
BG062363.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	28		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	31		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	29		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	31		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	30		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	32		1.5	5	10	ug/L
83-32-9	Acenaphthene	28		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	39		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	32		1.4	5	10	ug/L
132-64-9	Dibenzofuran	29		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	35		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	29		0.87	2.5	5	ug/L
86-73-7	Fluorene	29		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	29		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	38		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	36		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	28		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	28		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	29		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	29		0.56	2.5	5	ug/L
1912-24-9	Atrazine	3.1	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	23		2.5	5	10	ug/L
85-01-8	Phenanthrene	29		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	26		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	26		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	30		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SLCS650	SDG No.:	BG081224
Lab Sample ID:	PB162650BS	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
BG062363.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

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	30		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	31		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	29		0.56	2.5	5	ug/L
218-01-9	Chrysene	30		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	29		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	28		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	29		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	27		1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.762		15-120		85	SPK: -8
7291-22-7	Pyridine-d5	27.417		20-120		69	SPK: -40
4165-62-2	Phenol-d5	29.301		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.926		25-120		72	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.464		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	29.424		25-125		74	SPK: -40
4165-60-0	Nitrobenzene-d5	29.078		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.332		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.208		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.005		1-146		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.752		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	27.956		10-130		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.408		10-150		81	SPK: -40
81103-79-9	Fluorene-d10	29.397		25-125		73	SPK: -40

Report of Analysis

Client:		Date Collected:	8/10/2024 12:00:00 AM
Project:		Date Received:	8/10/2024 12:00:00 AM
Client Sample ID:	SLCS650	SDG No.:	BG081224
Lab Sample ID:	PB162650BS	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
BG062363.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.444		10-130		94	SPK: -40
1719-06-8	Anthracene-d10	28.369		25-130		71	SPK: -40
1718-52-1	Pyrene-d10	29.174		15-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.254		20-130		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44046	7.954				
1146-65-2	Naphthalene-d8	215593	10.75				
15067-26-2	Acenaphthene-d10	168643	14.575				
1517-22-2	Phenanthrene-d10	402134	17.318				
1719-03-5	Chrysene-d12	386803	21.559				
1520-96-3	Perylene-d12	448623	24.649				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	E08M6	SDG No.:	BG081224
Lab Sample ID:	P3552-01	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
BG062364.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

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:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	E08M6	SDG No.:	BG081224
Lab Sample ID:	P3552-01	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
BG062364.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

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:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	E08M6	SDG No.:	BG081224
Lab Sample ID:	P3552-01	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
BG062364.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

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	4.11		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	2.125	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	7.851		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.402		25-120		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.316		20-130		56	SPK: -40
190780-66-6	4-Methylphenol-d8	18.043		25-125		45	SPK: -40
4165-60-0	Nitrobenzene-d5	27.485		20-125		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.804		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.738		20-120		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.463		1-146		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.987		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	26.161		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.281		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	28.666		25-125		72	SPK: -40

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	E08M6	SDG No.:	BG081224
Lab Sample ID:	P3552-01	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
BG062364.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.17		10-130		73	SPK: -40
1719-06-8	Anthracene-d10	28.449		25-130		71	SPK: -40
1718-52-1	Pyrene-d10	29.555		15-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.566		20-130		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46158	7.957				
1146-65-2	Naphthalene-d8	215659	10.748				
15067-26-2	Acenaphthene-d10	176442	14.572				
1517-22-2	Phenanthrene-d10	431910	17.309				
1719-03-5	Chrysene-d12	422818	21.551				
1520-96-3	Perylene-d12	486126	24.64				
TENTATIVE IDENTIFIED COMPOUNDS							
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	2.1	J			13.415	
000057-10-3	n-Hexadecanoic acid	2.4	J			18.208	
	(DEL) Alkane: Straight-Chain21.239	2.1	J			21.239	
	(DEL) Alkane: Straight-Chain21.774	2.4	J			21.774	
	(DEL) Alkane: Straight-Chain22.367	2.1	J			22.367	
E966796	Total Alkanes	6.6				99	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	E0CJ9	SDG No.:	BG081224
Lab Sample ID:	P3552-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062365.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

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	10.2	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	2.6	5.1	ug/L
95-48-7	2-Methylphenol	0.84	U	0.84	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	0.91	U	0.91	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	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.6	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.95	U	0.95	2.6	5.1	ug/L
91-20-3	Naphthalene	0.71	U	0.71	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1	U	1	2.6	5.1	ug/L
105-60-2	Caprolactam	3	U	3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.83	U	0.83	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.82	U	0.82	2.6	5.1	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	E0CJ9	SDG No.:	BG081224
Lab Sample ID:	P3552-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062365.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1	U	1	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.6	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	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.9	U	2.9	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.89	U	0.89	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.6	5.1	ug/L
84-66-2	Diethylphthalate	0.89	U	0.89	2.6	5.1	ug/L
86-73-7	Fluorene	0.89	U	0.89	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	2.6	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	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.92	U	0.92	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.6	5.1	ug/L
1912-24-9	Atrazine	0.98	U	0.98	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	5.1	10	ug/L
85-01-8	Phenanthrene	0.99	U	0.99	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.6	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.94	U	0.94	2.6	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.83	U	0.83	2.6	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:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	E0CJ9	SDG No.:	BG081224
Lab Sample ID:	P3552-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062365.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.99	U	0.99	2.6	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	2.6	5.1	ug/L
218-01-9	Chrysene	0.77	U	0.77	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.89	U	0.89	2.6	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	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.682		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	3.634	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	6.507		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.036		25-120		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.022		20-130		53	SPK: -40
190780-66-6	4-Methylphenol-d8	14.341		25-125		36	SPK: -40
4165-60-0	Nitrobenzene-d5	26.038		20-125		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.21		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.483		20-120		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.574		1-146		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.035		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	25.2		10-130		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.974		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	28.123		25-125		70	SPK: -40

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	E0CJ9	SDG No.:	BG081224
Lab Sample ID:	P3552-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062365.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.201		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	28.692		25-130		72	SPK: -40
1718-52-1	Pyrene-d10	31.24		15-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.295		20-130		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44332	7.954				
1146-65-2	Naphthalene-d8	210114	10.75				
15067-26-2	Acenaphthene-d10	167509	14.575				
1517-22-2	Phenanthrene-d10	406692	17.312				
1719-03-5	Chrysene-d12	395538	21.553				
1520-96-3	Perylene-d12	454008	24.638				
TENTATIVE IDENTIFIED COMPOUNDS							
000075-25-2	Methane, tribromo-	2.1	J			5.992	
000142-62-1	Hexanoic acid	2.3	J			6.938	
	(DEL) Alkane: Straight-Chain9.276	2.2	J			9.276	
000124-07-2	Octanoic acid	4.4	J			10.063	
000095-16-9	Benzothiazole	3.4	J			11.385	
000112-05-0	Nonanoic acid	11	J			11.555	
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	4.5	J			13.417	
000057-10-3	n-Hexadecanoic acid	5.9	J			18.211	
000057-11-4	Octadecanoic acid	2.4	J			19.486	
000106-14-9	12-Hydroxystearic acid	10	J			20.555	
1000383-11-5	Carbonic acid, octadecyl prop-1-en	4.5	J			21.236	
	(DEL) Alkane: Straight-Chain21.771	2.3	J			21.771	
	(DEL) Alkane: Straight-Chain22.364	2.4	J			22.364	
E966796	Total Alkanes	6.9				99	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	E0CK1	SDG No.:	BG081224
Lab Sample ID:	P3552-04	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
BG062366.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

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	U	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:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	E0CK1	SDG No.:	BG081224
Lab Sample ID:	P3552-04	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
BG062366.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

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:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	E0CK1	SDG No.:	BG081224
Lab Sample ID:	P3552-04	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
BG062366.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

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	3.941		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	3.948	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	6.409		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.062		25-120		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.661		20-130		57	SPK: -40
190780-66-6	4-Methylphenol-d8	14.426		25-125		36	SPK: -40
4165-60-0	Nitrobenzene-d5	29.932		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.145		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.6		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.523		1-146		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.061		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	26.569		10-130		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.961		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	28.961		25-125		72	SPK: -40

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	E0CK1	SDG No.:	BG081224
Lab Sample ID:	P3552-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062366.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.291		10-130		83	SPK: -40
1719-06-8	Anthracene-d10	30.049		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	30.444		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.872		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43761	7.956				
1146-65-2	Naphthalene-d8	195348	10.746				
15067-26-2	Acenaphthene-d10	165841	14.576				
1517-22-2	Phenanthrene-d10	390679	17.314				
1719-03-5	Chrysene-d12	401242	21.549				
1520-96-3	Perylene-d12	441640	24.639				
TENTATIVE IDENTIFIED COMPOUNDS							
000075-25-2	Methane, tribromo-	2.2	J			5.999	
000142-62-1	Hexanoic acid	2.4	J			6.934	
	(DEL) Alkane: Straight-Chain9.272	2.2	J			9.272	
000124-07-2	Octanoic acid	4.9	J			10.065	
000095-16-9	Benzothiazole	3.7	J			11.386	
000770-35-4	1-Phenoxypropan-2-ol	2.8	J			11.486	
000112-05-0	Nonanoic acid	13	J			11.557	
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	4.4	J			13.413	
000057-10-3	n-Hexadecanoic acid	8.5	J			18.212	
000057-11-4	Octadecanoic acid	3.5	J			19.481	
000106-14-9	12-Hydroxystearic acid	13	J			20.556	
	(DEL) Alkane: Straight-Chain21.232	5.4	J			21.232	
	(DEL) Alkane: Straight-Chain21.772	2.1	J			21.772	
	(DEL) Alkane: Straight-Chain22.366	2.6	J			22.366	
E966796	Total Alkanes	12				99	ug/L

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXT0	SDG No.:	BG081224
Lab Sample ID:	P3502-01	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
BG062367.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

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:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXT0	SDG No.:	BG081224
Lab Sample ID:	P3502-01	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
BG062367.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

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:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXT0	SDG No.:	BG081224
Lab Sample ID:	P3502-01	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
BG062367.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

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	4.885		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	6.078	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	8.363		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.37		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.098		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	18.108		25-125		45	SPK: -40
4165-60-0	Nitrobenzene-d5	35.892		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.226		20-130		101	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.184		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.374		1-146		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.097		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	29.161		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.654		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	31.182		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	8/6/2024 12:00:00 AM
Project:		Date Received:	8/6/2024 12:00:00 AM
Client Sample ID:	DCXT0	SDG No.:	BG081224
Lab Sample ID:	P3502-01	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
BG062367.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39.287		10-130		98	SPK: -40
1719-06-8	Anthracene-d10	32.7		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	33.357		15-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.32		20-130		83	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45042	7.952				
1146-65-2	Naphthalene-d8	201722	10.749				
15067-26-2	Acenaphthene-d10	175096	14.573				
1517-22-2	Phenanthrene-d10	410856	17.31				
1719-03-5	Chrysene-d12	411554	21.552				
1520-96-3	Perylene-d12	459155	24.642				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXT1	SDG No.:	BG081224
Lab Sample ID:	P3502-11	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
BG062368.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

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:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXT1	SDG No.:	BG081224
Lab Sample ID:	P3502-11	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
BG062368.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

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:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXT1	SDG No.:	BG081224
Lab Sample ID:	P3502-11	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
BG062368.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

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	5.422		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	5.727	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	8.452		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.551		25-120		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.231		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	19.453		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	37.226		20-125		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.277		20-130		103	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.967		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.225		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.708		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	29.027		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.263		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	31.85		25-125		80	SPK: -40

Report of Analysis

Client:		Date Collected:	8/7/2024 12:00:00 AM
Project:		Date Received:	8/7/2024 12:00:00 AM
Client Sample ID:	DCXT1	SDG No.:	BG081224
Lab Sample ID:	P3502-11	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
BG062368.D	1	8/10/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162650

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39.181		10-130		98	SPK: -40
1719-06-8	Anthracene-d10	33.759		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	34.904		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.929		20-130		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42707	7.952				
1146-65-2	Naphthalene-d8	190039	10.748				
15067-26-2	Acenaphthene-d10	165868	14.572				
1517-22-2	Phenanthrene-d10	397028	17.31				
1719-03-5	Chrysene-d12	405149	21.551				
1520-96-3	Perylene-d12	453451	24.641				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	3	J			18.209	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	BH7N1	SDG No.:	BG081224
Lab Sample ID:	P3538-01	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
BG062369.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

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:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	BH7N1	SDG No.:	BG081224
Lab Sample ID:	P3538-01	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
BG062369.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

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:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	BH7N1	SDG No.:	BG081224
Lab Sample ID:	P3538-01	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
BG062369.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

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	4.737		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	10.405		20-120		26	SPK: -40
4165-62-2	Phenol-d5	7.571		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.186		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.09		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	17.83		25-125		45	SPK: -40
4165-60-0	Nitrobenzene-d5	36.407		20-125		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.323		20-130		101	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.652		20-120		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.714		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.612		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	29.258		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.21		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	30.922		25-125		77	SPK: -40

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	BH7N1	SDG No.:	BG081224
Lab Sample ID:	P3538-01	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
BG062369.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.143		10-130		90	SPK: -40
1719-06-8	Anthracene-d10	30.788		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	30.872		15-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.958		20-130		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47895	7.955				
1146-65-2	Naphthalene-d8	213097	10.745				
15067-26-2	Acenaphthene-d10	183778	14.569				
1517-22-2	Phenanthrene-d10	435152	17.313				
1719-03-5	Chrysene-d12	442615	21.548				
1520-96-3	Perylene-d12	494658	24.638				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	BH7N2	SDG No.:	BG081224
Lab Sample ID:	P3538-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062370.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

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	10.2	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	2.6	5.1	ug/L
95-48-7	2-Methylphenol	0.84	U	0.84	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	0.91	U	0.91	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	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.6	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.95	U	0.95	2.6	5.1	ug/L
91-20-3	Naphthalene	0.71	U	0.71	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1	U	1	2.6	5.1	ug/L
105-60-2	Caprolactam	3	U	3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.83	U	0.83	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.82	U	0.82	2.6	5.1	ug/L

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	BH7N2	SDG No.:	BG081224
Lab Sample ID:	P3538-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062370.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1	U	1	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.6	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	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.9	U	2.9	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.89	U	0.89	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.6	5.1	ug/L
84-66-2	Diethylphthalate	0.89	U	0.89	2.6	5.1	ug/L
86-73-7	Fluorene	0.89	U	0.89	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	2.6	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	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.92	U	0.92	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.6	5.1	ug/L
1912-24-9	Atrazine	0.98	U	0.98	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	5.1	10	ug/L
85-01-8	Phenanthrene	0.99	U	0.99	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.6	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.94	U	0.94	2.6	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.83	U	0.83	2.6	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:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	BH7N2	SDG No.:	BG081224
Lab Sample ID:	P3538-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062370.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.99	U	0.99	2.6	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	2.6	5.1	ug/L
218-01-9	Chrysene	0.77	U	0.77	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.89	U	0.89	2.6	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	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.693		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	4.672	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	7.062		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.829		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.331		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	17.379		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	36.147		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.566		20-130		101	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.045		20-120		75	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.74		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.904		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	28.988		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.716		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	30.754		25-125		77	SPK: -40

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	BH7N2	SDG No.:	BG081224
Lab Sample ID:	P3538-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062370.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	36.937		10-130		92	SPK: -40
1719-06-8	Anthracene-d10	30.934		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	31.767		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.167		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48411	7.954				
1146-65-2	Naphthalene-d8	218900	10.745				
15067-26-2	Acenaphthene-d10	185948	14.575				
1517-22-2	Phenanthrene-d10	445928	17.312				
1719-03-5	Chrysene-d12	444835	21.553				
1520-96-3	Perylene-d12	510332	24.637				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	C0B39	SDG No.:	BG081224
Lab Sample ID:	P3540-02	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
BG062371.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9	J	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:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	C0B39	SDG No.:	BG081224
Lab Sample ID:	P3540-02	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
BG062371.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

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:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	C0B39	SDG No.:	BG081224
Lab Sample ID:	P3540-02	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
BG062371.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

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	3.123		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	4.144	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	7.805		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.699		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.47		20-130		61	SPK: -40
190780-66-6	4-Methylphenol-d8	17.796		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	32.006		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.997		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.672		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.595		1-146		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.634		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	26.722		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.391		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	29.708		25-125		74	SPK: -40

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	C0B39	SDG No.:	BG081224
Lab Sample ID:	P3540-02	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
BG062371.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.135		10-130		95	SPK: -40
1719-06-8	Anthracene-d10	29.888		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	30.514		15-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.147		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	53094	7.952				
1146-65-2	Naphthalene-d8	248318	10.749				
15067-26-2	Acenaphthene-d10	209141	14.573				
1517-22-2	Phenanthrene-d10	500442	17.31				
1719-03-5	Chrysene-d12	502896	21.552				
1520-96-3	Perylene-d12	585643	24.642				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	2.2	J			5.973	
000057-10-3	n-Hexadecanoic acid	2.1	J			18.209	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	C0B42	SDG No.:	BG081224
Lab Sample ID:	P3540-04	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
BG062372.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.9	J	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:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	C0B42	SDG No.:	BG081224
Lab Sample ID:	P3540-04	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
BG062372.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

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:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	C0B42	SDG No.:	BG081224
Lab Sample ID:	P3540-04	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
BG062372.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

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	3.632		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	4.091	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	6.221		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.72		25-120		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.598		20-130		56	SPK: -40
190780-66-6	4-Methylphenol-d8	15.641		25-125		39	SPK: -40
4165-60-0	Nitrobenzene-d5	31.804		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.565		20-130		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.009		20-120		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.915		1-146		42	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.476		25-130		71	SPK: -40
93951-97-4	Acenaphthylene-d8	27.177		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.212		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	29.448		25-125		74	SPK: -40

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	C0B42	SDG No.:	BG081224
Lab Sample ID:	P3540-04	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
BG062372.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	34.801		10-130		87	SPK: -40
1719-06-8	Anthracene-d10	30.668		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	31.555		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.558		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50269	7.952				
1146-65-2	Naphthalene-d8	232628	10.748				
15067-26-2	Acenaphthene-d10	198049	14.572				
1517-22-2	Phenanthrene-d10	472488	17.31				
1719-03-5	Chrysene-d12	473620	21.551				
1520-96-3	Perylene-d12	543800	24.635				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	C0B44	SDG No.:	BG081224
Lab Sample ID:	P3540-06	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
BG062373.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.3		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:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	C0B44	SDG No.:	BG081224
Lab Sample ID:	P3540-06	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
BG062373.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

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:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	C0B44	SDG No.:	BG081224
Lab Sample ID:	P3540-06	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
BG062373.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

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	4.603		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.738		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.891		25-120		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.58		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	21.863		25-125		55	SPK: -40
4165-60-0	Nitrobenzene-d5	39.053		20-125		98	SPK: -40
93951-78-1	2-Nitrophenol-d4	45.78		20-130		114	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.293		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.963		1-146		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.295		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	29.399		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.899		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	32.715		25-125		82	SPK: -40

Report of Analysis

Client:		Date Collected:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	C0B44	SDG No.:	BG081224
Lab Sample ID:	P3540-06	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
BG062373.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	44.036		10-130		110	SPK: -40
1719-06-8	Anthracene-d10	33.43		25-130		84	SPK: -40
1718-52-1	Pyrene-d10	34.917		15-130		87	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.814		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48813	7.952				
1146-65-2	Naphthalene-d8	220032	10.748				
15067-26-2	Acenaphthene-d10	188819	14.572				
1517-22-2	Phenanthrene-d10	440079	17.309				
1719-03-5	Chrysene-d12	438786	21.551				
1520-96-3	Perylene-d12	507054	24.635				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	SLCS636	SDG No.:	BG081224
Lab Sample ID:	PB162636BS	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
BG062374.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	10		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	27		2.3	5	10	ug/L
110-86-1	Pyridine	27		2.2	10	10	ug/L
108-95-2	Phenol	29		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	27		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	28		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	28		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	28		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	29		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	31		0.99	2.5	5	ug/L
78-59-1	Isophorone	28		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	36		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	23		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	28		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	29		0.93	2.5	5	ug/L
91-20-3	Naphthalene	27		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	24		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	26		0.98	2.5	5	ug/L
105-60-2	Caprolactam	34		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	32		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	29		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	29		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	26		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	28		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	SLCS636	SDG No.:	BG081224
Lab Sample ID:	PB162636BS	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
BG062374.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	26		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	34		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	36		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	28		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	33		1.5	5	10	ug/L
83-32-9	Acenaphthene	26		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	46		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	33		1.4	5	10	ug/L
132-64-9	Dibenzofuran	28		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	40		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	28		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	39		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	42		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	26		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	26		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	28		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	27		0.56	2.5	5	ug/L
1912-24-9	Atrazine	2.8	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	23		2.5	5	10	ug/L
85-01-8	Phenanthrene	27		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	25		1.2	2.5	5	ug/L
120-12-7	Anthracene	27		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	25		0.92	2.5	5	ug/L
86-74-8	Carbazole	28		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	29		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	28		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	SLCS636	SDG No.:	BG081224
Lab Sample ID:	PB162636BS	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
BG062374.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	27		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	29		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	30		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	28		0.56	2.5	5	ug/L
218-01-9	Chrysene	28		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	28		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	29		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	29		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	27		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	28		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	28		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	29		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	6.097		15-120		76	SPK: -8
7291-22-7	Pyridine-d5	26.299		20-120		66	SPK: -40
4165-62-2	Phenol-d5	28.733		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.412		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.217		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	28.55		25-125		71	SPK: -40
4165-60-0	Nitrobenzene-d5	32.289		20-125		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.956		20-130		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.17		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.922		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.225		25-130		68	SPK: -40
93951-97-4	Acenaphthylene-d8	26.595		10-130		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.901		10-150		85	SPK: -40
81103-79-9	Fluorene-d10	27.884		25-125		70	SPK: -40

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	SLCS636	SDG No.:	BG081224
Lab Sample ID:	PB162636BS	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
BG062374.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	43.213		10-130		108	SPK: -40
1719-06-8	Anthracene-d10	26.908		25-130		67	SPK: -40
1718-52-1	Pyrene-d10	27.316		15-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.303		20-130		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41923	7.953				
1146-65-2	Naphthalene-d8	204102	10.749				
15067-26-2	Acenaphthene-d10	176297	14.573				
1517-22-2	Phenanthrene-d10	422072	17.311				
1719-03-5	Chrysene-d12	426264	21.552				
1520-96-3	Perylene-d12	477302	24.636				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	SBLK636	SDG No.:	BG081224
Lab Sample ID:	PB162636BL	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
BG062375.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

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:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	SBLK636	SDG No.:	BG081224
Lab Sample ID:	PB162636BL	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
BG062375.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

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:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	SBLK636	SDG No.:	BG081224
Lab Sample ID:	PB162636BL	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
BG062375.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

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	5.659		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	24.851		20-120		62	SPK: -40
4165-62-2	Phenol-d5	23.75		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.892		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.554		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	22.966		25-125		57	SPK: -40
4165-60-0	Nitrobenzene-d5	29.077		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.914		20-130		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.049		20-120		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.621		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.389		25-130		61	SPK: -40
93951-97-4	Acenaphthylene-d8	23.281		10-130		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.578		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	25.302		25-125		63	SPK: -40

Report of Analysis

Client:		Date Collected:	8/9/2024 12:00:00 AM
Project:		Date Received:	8/9/2024 12:00:00 AM
Client Sample ID:	SBLK636	SDG No.:	BG081224
Lab Sample ID:	PB162636BL	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
BG062375.D	1	8/9/2024 12:00:00 AM	8/12/2024 12:00:00 AM	PB162636

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.903		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	24.897		25-130		62	SPK: -40
1718-52-1	Pyrene-d10	25.093		15-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.288		20-130		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47323	7.955				
1146-65-2	Naphthalene-d8	215646	10.745				
15067-26-2	Acenaphthene-d10	188408	14.57				
1517-22-2	Phenanthrene-d10	461777	17.313				
1719-03-5	Chrysene-d12	471690	21.548				
1520-96-3	Perylene-d12	545072	24.638				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BG081224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : DCXT0								
P3502-01	DCXT0	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : DCXT1								
P3502-11	DCXT1	Water	n-Hexadecanoic acid	*	3.000	J		
P3502-11	DCXT1	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			3.00		
			Total Concentration:			3.00		
Client ID : BH7N1								
P3538-01	BH7N1	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : BH7N2								
P3538-02	BH7N2	Water	Total Alkanes	*	0.000	1	5.1	ug/L
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : C0B39								
P3540-02	C0B39	Water	Benzene, 1,3-dimethyl-	*	2.200	J		
P3540-02	C0B39	Water	n-Hexadecanoic acid	*	2.100	J		
P3540-02	C0B39	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			4.30		
P3540-02	C0B39	Water	1,4-Dioxane		1.900	J 1.2	2	ug/L
			Total Svoc :			1.90		
			Total Concentration:			6.20		
Client ID : C0B42								
P3540-04	C0B42	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			0.00		
P3540-04	C0B42	Water	1,4-Dioxane		1.900	J 1.2	2	ug/L
			Total Svoc :			1.90		
			Total Concentration:			1.90		
Client ID : C0B44								
P3540-06	C0B44	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :			0.00		
P3540-06	C0B44	Water	1,4-Dioxane		2.300	1.2	2	ug/L
			Total Svoc :			2.30		

Hit Summary Sheet SW-846

SDG No.: BG081224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				2.30				
Client ID : E08M6								
P3552-01	E08M6	Water	(DEL) Alkane: Straight-Chain21.2 *	2.100	J			
P3552-01	E08M6	Water	(DEL) Alkane: Straight-Chain21.7 *	2.400	J			
P3552-01	E08M6	Water	(DEL) Alkane: Straight-Chain22.3 *	2.100	J			
P3552-01	E08M6	Water	n-Hexadecanoic acid *	2.400	J			
P3552-01	E08M6	Water	Phenol, 4-(1,1-dimethylpropyl)- *	2.100	J			
P3552-01	E08M6	Water	Total Alkanes *	6.600		0.99	5	ug/L
Total Tics :				17.70				
Total Concentration:				17.70				
Client ID : E0CJ9								
P3552-03	E0CJ9	Water	(DEL) Alkane: Straight-Chain21.7 *	2.300	J			
P3552-03	E0CJ9	Water	(DEL) Alkane: Straight-Chain22.3 *	2.400	J			
P3552-03	E0CJ9	Water	(DEL) Alkane: Straight-Chain9.27 *	2.200	J			
P3552-03	E0CJ9	Water	12-Hydroxystearic acid *	10.000	J			
P3552-03	E0CJ9	Water	Benzothiazole *	3.400	J			
P3552-03	E0CJ9	Water	Carbonic acid, octadecyl prop-1-e *	4.500	J			
P3552-03	E0CJ9	Water	Hexanoic acid *	2.300	J			
P3552-03	E0CJ9	Water	Methane, tribromo- *	2.100	J			
P3552-03	E0CJ9	Water	n-Hexadecanoic acid *	5.900	J			
P3552-03	E0CJ9	Water	Nonanoic acid *	11.000	J			
P3552-03	E0CJ9	Water	Octadecanoic acid *	2.400	J			
P3552-03	E0CJ9	Water	Octanoic acid *	4.400	J			
P3552-03	E0CJ9	Water	Phenol, 4-(1,1-dimethylpropyl)- *	4.500	J			
P3552-03	E0CJ9	Water	Total Alkanes *	6.900		1	5.1	ug/L
Total Tics :				64.30				
Total Concentration:				64.30				
Client ID : E0CK1								
P3552-04	E0CK1	Water	(DEL) Alkane: Straight-Chain21.2 *	5.400	J			
P3552-04	E0CK1	Water	(DEL) Alkane: Straight-Chain21.7 *	2.100	J			
P3552-04	E0CK1	Water	(DEL) Alkane: Straight-Chain22.3 *	2.600	J			
P3552-04	E0CK1	Water	(DEL) Alkane: Straight-Chain9.27 *	2.200	J			
P3552-04	E0CK1	Water	1-Phenoxypropan-2-ol *	2.800	J			
P3552-04	E0CK1	Water	12-Hydroxystearic acid *	13.000	J			
P3552-04	E0CK1	Water	Benzothiazole *	3.700	J			
P3552-04	E0CK1	Water	Hexanoic acid *	2.400	J			
P3552-04	E0CK1	Water	Methane, tribromo- *	2.200	J			
P3552-04	E0CK1	Water	n-Hexadecanoic acid *	8.500	J			
P3552-04	E0CK1	Water	Nonanoic acid *	13.000	J			

Hit Summary Sheet
SW-846

SDG No.: BG081224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3552-04	E0CK1	Water	Octadecanoic acid	*	3.500	J		
P3552-04	E0CK1	Water	Octanoic acid	*	4.900	J		
P3552-04	E0CK1	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	4.400	J		
P3552-04	E0CK1	Water	Total Alkanes	*	12.000	1	5.1	ug/L
Total Tics :						82.70		
Total Concentration:						82.70		



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
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.

Form VI SV-1

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.: BG081224 SAS No.: BG081224 SDG NO.: BG081224

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

Lab File ID: BG062234.D Time Analyzed: 11:50

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 SBLK650	45032	7.96	216088	10.75	171433	14.57
02 SLCS650	44046	7.95	215593	10.75	168643	14.58
03 E08M6	46158	7.96	215659	10.75	176442	14.57
04 E0CJ9	44332	7.95	210114	10.75	167509	14.58
05 E0CK1	43761	7.96	195348	10.75	165841	14.58
06 DCXT0	45042	7.95	201722	10.75	175096	14.57
07 DCXT1	42707	7.95	190039	10.75	165868	14.57
08 BH7N1	47895	7.96	213097	10.75	183778	14.57
09 BH7N2	48411	7.95	218900	10.75	185948	14.58
10 C0B39	53094	7.95	248318	10.75	209141	14.57
11 C0B42	50269	7.95	232628	10.75	198049	14.57
12 C0B44	48813	7.95	220032	10.75	188819	14.57
13 SLCS636	41923	7.95	204102	10.75	176297	14.57
14 SBLK636	47323	7.96	215646	10.75	188408	14.57

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG081224 SAS No.: BG081224 SDG NO.: BG081224

EPA Sample No.: SSTD020451 Date Analyzed: Aug 12 2024 12:00AM

Lab File ID: BG062361.D Time Analyzed: 11:50

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	42149	7.953	198953	10.75	159183	14.57
UPPER LIMIT	84298	8.453	397906	11.249	318366	15.073
LOWER LIMIT	21074.5	7.453	99476.5	10.249	79591.5	14.073
EPA SAMPLE NO.						
01 SBLK650	45032	7.96	216088	10.75	171433	14.57
02 SLCS650	44046	7.95	215593	10.75	168643	14.58
03 E08M6	46158	7.96	215659	10.75	176442	14.57
04 E0CJ9	44332	7.95	210114	10.75	167509	14.58
05 E0CK1	43761	7.96	195348	10.75	165841	14.58
06 DCXT0	45042	7.95	201722	10.75	175096	14.57
07 DCXT1	42707	7.95	190039	10.75	165868	14.57
08 BH7N1	47895	7.96	213097	10.75	183778	14.57
09 BH7N2	48411	7.95	218900	10.75	185948	14.58
10 C0B39	53094	7.95	248318	10.75	209141	14.57
11 C0B42	50269	7.95	232628	10.75	198049	14.57
12 C0B44	48813	7.95	220032	10.75	188819	14.57
13 SLCS636	41923	7.95	204102	10.75	176297	14.57
14 SBLK636	47323	7.96	215646	10.75	188408	14.57

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.: BG081224 SAS No.: BG081224 SDG NO.: BG081224

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

Lab File ID: BG062234.D Time Analyzed: 11:50

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	SBLK650	416516	17.32	411119	21.56	479106	24.64
02	SLCS650	402134	17.32	386803	21.56	448623	24.65
03	E08M6	431910	17.31	422818	21.55	486126	24.64
04	E0CJ9	406692	17.31	395538	21.55	454008	24.64
05	E0CK1	390679	17.31	401242	21.55	441640	24.64
06	DCXT0	410856	17.31	411554	21.55	459155	24.64
07	DCXT1	397028	17.31	405149	21.55	453451	24.64
08	BH7N1	435152	17.31	442615	21.55	494658	24.64
09	BH7N2	445928	17.31	444835	21.55	510332	24.64
10	C0B39	500442	17.31	502896	21.55	585643	24.64
11	C0B42	472488	17.31	473620	21.55	543800	24.64
12	C0B44	440079	17.31	438786	21.55	507054	24.64
13	SLCS636	422072	17.31	426264	21.55	477302	24.64
14	SBLK636	461777	17.31	471690	21.55	545072	24.64

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.: BG081224 SAS No.: BG081224 SDG NO.: BG081224

EPA Sample No.: SSTD020451 Date Analyzed: Aug 12 2024 12:00AM

Lab File ID: BG062361.D Time Analyzed: 11:50

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	380419	17.317	369124	21.558	423892	24.648
UPPER LIMIT	760838	17.817	738248	22.058	847784	25.148
LOWER LIMIT	190209.5	16.817	184562	21.058	211946	24.148
EPA SAMPLE NO.						
01 SBLK650	416516	17.32	411119	21.56	479106	24.64
02 SLCS650	402134	17.32	386803	21.56	448623	24.65
03 E08M6	431910	17.31	422818	21.55	486126	24.64
04 E0CJ9	406692	17.31	395538	21.55	454008	24.64
05 E0CK1	390679	17.31	401242	21.55	441640	24.64
06 DCXT0	410856	17.31	411554	21.55	459155	24.64
07 DCXT1	397028	17.31	405149	21.55	453451	24.64
08 BH7N1	435152	17.31	442615	21.55	494658	24.64
09 BH7N2	445928	17.31	444835	21.55	510332	24.64
10 C0B39	500442	17.31	502896	21.55	585643	24.64
11 C0B42	472488	17.31	473620	21.55	543800	24.64
12 C0B44	440079	17.31	438786	21.55	507054	24.64
13 SLCS636	422072	17.31	426264	21.55	477302	24.64
14 SBLK636	461777	17.31	471690	21.55	545072	24.64

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.: BG081224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162636BS	1,4-Dioxane	16	10	ug/L	63				0	0		
	Benzaldehyde	40	27	ug/L	68				0	0		
	Pyridine	40	27	ug/L	68				0	0		
	Phenol	40	29	ug/L	73				0	0		
	Bis(2-chloroethyl)ether	40	27	ug/L	68				0	0		
	2-Chlorophenol	40	28	ug/L	70				0	0		
	2-Methylphenol	40	28	ug/L	70				0	0		
	2,2-oxybis(1-Chloropropane)	40	28	ug/L	70				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	29	ug/L	73				0	0		
	Nitrobenzene	40	31	ug/L	78				0	0		
	Isophorone	40	28	ug/L	70				0	0		
	2-Nitrophenol	40	36	ug/L	90				0	0		
	2,4-Dimethylphenol	40	23	ug/L	58				0	0		
	Bis(2-chloroethoxy)methane	40	28	ug/L	70				0	0		
	2,4-Dichlorophenol	40	29	ug/L	73				0	0		
	Naphthalene	40	27	ug/L	68				0	0		
	4-Chloroaniline	40	24	ug/L	60				0	0		
	Hexachlorobutadiene	40	26	ug/L	65				0	0		
	Caprolactam	40	34	ug/L	85				0	0		
	4-Chloro-3-methylphenol	40	32	ug/L	80				0	0		
	1-Methylnaphthalene	40	29	ug/L	73				0	0		
	2-Methylnaphthalene	40	29	ug/L	73				0	0		
	Hexachlorocyclopentadiene	40	30	ug/L	75				0	0		
	2,4,6-Trichlorophenol	40	26	ug/L	65				0	0		
	2,4,5-Trichlorophenol	40	28	ug/L	70				0	0		
	1,1'-Biphenyl	40	26	ug/L	65				0	0		
	2-Chloronaphthalene	40	26	ug/L	65				0	0		
	2-Nitroaniline	40	34	ug/L	85				0	0		
	Dimethylphthalate	40	28	ug/L	70				0	0		
	2,6-Dinitrotoluene	40	36	ug/L	90				0	0		
	Acenaphthylene	40	28	ug/L	70				0	0		
	3-Nitroaniline	40	33	ug/L	83				0	0		
	Acenaphthene	40	26	ug/L	65				0	0		
	2,4-Dinitrophenol	40	46	ug/L	115				0	0		
	4-Nitrophenol	40	33	ug/L	83				0	0		
	Dibenzofuran	40	28	ug/L	70				0	0		
	2,4-Dinitrotoluene	40	40	ug/L	100				0	0		
	Diethylphthalate	40	28	ug/L	70				0	0		
	Fluorene	40	28	ug/L	70				0	0		
	4-Chlorophenyl-phenylether	40	28	ug/L	70				0	0		
	4-Nitroaniline	40	39	ug/L	98				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG081224

Client: _____

Analytical Method: SFAM_SVOC DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162636BS	4,6-Dinitro-2-methylphenol	40	42	ug/L	105				0	0		
	N-Nitrosodiphenylamine	40	26	ug/L	65				0	0		
	1,2,4,5-Tetrachlorobenzene	40	26	ug/L	65				0	0		
	4-Bromophenyl-phenylether	40	28	ug/L	70				0	0		
	Hexachlorobenzene	40	27	ug/L	68				0	0		
	Atrazine	40	2.8	ug/L	7				0	0		
	Pentachlorophenol	40	23	ug/L	58				0	0		
	Phenanthrene	40	27	ug/L	68				0	0		
	Pentachlorobenzene	40	25	ug/L	63				0	0		
	Anthracene	40	27	ug/L	68				0	0		
	1,2,3,4-Tetrachlorobenzene	40	25	ug/L	63				0	0		
	Carbazole	40	28	ug/L	70				0	0		
	Di-n-butylphthalate	40	29	ug/L	73				0	0		
	Fluoranthene	40	28	ug/L	70				0	0		
	Pyrene	40	27	ug/L	68				0	0		
	Butylbenzylphthalate	40	29	ug/L	73				0	0		
	3,3'-Dichlorobenzidine	40	30	ug/L	75				0	0		
	Benzo(a)anthracene	40	28	ug/L	70				0	0		
	Chrysene	40	28	ug/L	70				0	0		
	Bis(2-ethylhexyl)phthalate	40	28	ug/L	70				0	0		
	Di-n-octylphthalate	40	29	ug/L	73				0	0		
	Benzo(b)fluoranthene	40	29	ug/L	73				0	0		
	Benzo(k)fluoranthene	40	29	ug/L	73				0	0		
	Benzo(a)pyrene	40	27	ug/L	68				0	0		
	Indeno(1,2,3-cd)pyrene	40	28	ug/L	70				0	0		
	Dibenzo(a,h)anthracene	40	28	ug/L	70				0	0		
	Benzo(g,h,i)perylene	40	29	ug/L	73				0	0		
	2,3,4,6-Tetrachlorophenol	40	26	ug/L	65				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG081224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162650BS	1,4-Dioxane	16	11	ug/L	69				0	0		
	Benzaldehyde	40	29	ug/L	73				0	0		
	Pyridine	40	28	ug/L	70				0	0		
	Phenol	40	30	ug/L	75				0	0		
	Bis(2-chloroethyl)ether	40	29	ug/L	73				0	0		
	2-Chlorophenol	40	29	ug/L	73				0	0		
	2-Methylphenol	40	30	ug/L	75				0	0		
	2,2-oxybis(1-Chloropropane)	40	30	ug/L	75				0	0		
	Acetophenone	40	30	ug/L	75				0	0		
	4-Methylphenol	40	30	ug/L	75				0	0		
	N-Nitroso-di-n-propylamine	40	30	ug/L	75				0	0		
	Hexachloroethane	40	31	ug/L	78				0	0		
	Nitrobenzene	40	30	ug/L	75				0	0		
	Isophorone	40	28	ug/L	70				0	0		
	2-Nitrophenol	40	30	ug/L	75				0	0		
	2,4-Dimethylphenol	40	24	ug/L	60				0	0		
	Bis(2-chloroethoxy)methane	40	27	ug/L	68				0	0		
	2,4-Dichlorophenol	40	30	ug/L	75				0	0		
	Naphthalene	40	29	ug/L	73				0	0		
	4-Chloroaniline	40	25	ug/L	63				0	0		
	Hexachlorobutadiene	40	27	ug/L	68				0	0		
	Caprolactam	40	31	ug/L	78				0	0		
	4-Chloro-3-methylphenol	40	30	ug/L	75				0	0		
	1-Methylnaphthalene	40	29	ug/L	73				0	0		
	2-Methylnaphthalene	40	29	ug/L	73				0	0		
	Hexachlorocyclopentadiene	40	32	ug/L	80				0	0		
	2,4,6-Trichlorophenol	40	27	ug/L	68				0	0		
	2,4,5-Trichlorophenol	40	29	ug/L	73				0	0		
	1,1'-Biphenyl	40	28	ug/L	70				0	0		
	2-Chloronaphthalene	40	28	ug/L	70				0	0		
	2-Nitroaniline	40	31	ug/L	78				0	0		
	Dimethylphthalate	40	29	ug/L	73				0	0		
	2,6-Dinitrotoluene	40	31	ug/L	78				0	0		
	Acenaphthylene	40	30	ug/L	75				0	0		
	3-Nitroaniline	40	32	ug/L	80				0	0		
	Acenaphthene	40	28	ug/L	70				0	0		
	2,4-Dinitrophenol	40	39	ug/L	98				0	0		
	4-Nitrophenol	40	32	ug/L	80				0	0		
	Dibenzofuran	40	29	ug/L	73				0	0		
	2,4-Dinitrotoluene	40	35	ug/L	88				0	0		
	Diethylphthalate	40	29	ug/L	73				0	0		
	Fluorene	40	29	ug/L	73				0	0		
	4-Chlorophenyl-phenylether	40	29	ug/L	73				0	0		
	4-Nitroaniline	40	38	ug/L	95				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG081224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162650BS	4,6-Dinitro-2-methylphenol	40	36	ug/L	90				0	0	
	N-Nitrosodiphenylamine	40	28	ug/L	70				0	0	
	1,2,4,5-Tetrachlorobenzene	40	28	ug/L	70				0	0	
	4-Bromophenyl-phenylether	40	29	ug/L	73				0	0	
	Hexachlorobenzene	40	29	ug/L	73				0	0	
	Atrazine	40	3.1	ug/L	8				0	0	
	Pentachlorophenol	40	23	ug/L	58				0	0	
	Phenanthrene	40	29	ug/L	73				0	0	
	Pentachlorobenzene	40	26	ug/L	65				0	0	
	Anthracene	40	28	ug/L	70				0	0	
	1,2,3,4-Tetrachlorobenzene	40	26	ug/L	65				0	0	
	Carbazole	40	30	ug/L	75				0	0	
	Di-n-butylphthalate	40	30	ug/L	75				0	0	
	Fluoranthene	40	30	ug/L	75				0	0	
	Pyrene	40	29	ug/L	73				0	0	
	Butylbenzylphthalate	40	30	ug/L	75				0	0	
	3,3'-Dichlorobenzidine	40	31	ug/L	78				0	0	
	Benzo(a)anthracene	40	29	ug/L	73				0	0	
	Chrysene	40	30	ug/L	75				0	0	
	Bis(2-ethylhexyl)phthalate	40	29	ug/L	73				0	0	
	Di-n-octylphthalate	40	29	ug/L	73				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	28	ug/L	70				0	0	
	Indeno(1,2,3-cd)pyrene	40	29	ug/L	73				0	0	
	Dibenzo(a,h)anthracene	40	29	ug/L	73				0	0	
	Benzo(g,h,i)perylene	40	30	ug/L	75				0	0	
	2,3,4,6-Tetrachlorophenol	40	27	ug/L	68				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK636

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG081224

SAS No.: BG081224 SDG NO.: BG081224

Lab File ID: BG062375.D

Lab Sample ID: PB162636BL

Instrument ID: BNA_G

Date Extracted: 08/09/2024

Matrix: (soil/water) Water

Date Analyzed: 08/12/2024

Level: (low/med) LOW

Time Analyzed: 20:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH7N1	P3538-01	BG062369.D	08/12/2024
BH7N2	P3538-02	BG062370.D	08/12/2024
C0B39	P3540-02	BG062371.D	08/12/2024
C0B42	P3540-04	BG062372.D	08/12/2024
C0B44	P3540-06	BG062373.D	08/12/2024
PB162636BS	PB162636BS	BG062374.D	08/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK650

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG081224

SAS No.: BG081224 SDG NO.: BG081224

Lab File ID: BG062362.D

Lab Sample ID: PB162650BL

Instrument ID: BNA_G

Date Extracted: 08/10/2024

Matrix: (soil/water) Water

Date Analyzed: 08/12/2024

Level: (low/med) LOW

Time Analyzed: 11:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162650BS	PB162650BS	BG062363.D	08/12/2024
E08M6	P3552-01	BG062364.D	08/12/2024
E0CJ9	P3552-03	BG062365.D	08/12/2024
E0CK1	P3552-04	BG062366.D	08/12/2024
DCXT0	P3502-01	BG062367.D	08/12/2024
DCXT1	P3502-11	BG062368.D	08/12/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BG081224**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3538-01	BH7N1	BG062369.D	1,4-Dioxane-d8	8	4.74	59		15	120
			Pyridine-d5	40	10.41	26		20	120
			Phenol-d5	40	7.57	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.19	75		25	120
			2-Chlorophenol-d4	40	26.09	65		20	130
			4-Methylphenol-d8	40	17.83	45		25	125
			Nitrobenzene-d5	40	36.41	91		20	125
			2-Nitrophenol-d4	40	40.32	101		20	130
			2,4-Dichlorophenol-d3	40	29.65	74		20	120
			4-Chloroaniline-d4	40	27.71	69		1	146
			Dimethylphthalate-d6	40	29.61	74		25	130
			Acenaphthylene-d8	40	29.26	73		10	130
			4-Nitrophenol-d4	40	7.21	18		10	150
			Fluorene-d10	40	30.92	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.14	90		10	130
			Anthracene-d10	40	30.79	77		25	130
			Pyrene-d10	40	30.87	77		15	130
			Benzo(a)pyrene-d12	40	30.96	77		20	130
P3538-02	BH7N2	BG062370.D	1,4-Dioxane-d8	8	4.69	59		15	120
			Pyridine-d5	40	4.67	12	*	20	120
			Phenol-d5	40	7.06	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.83	77		25	120
			2-Chlorophenol-d4	40	26.33	66		20	130
			4-Methylphenol-d8	40	17.38	43		25	125
			Nitrobenzene-d5	40	36.15	90		20	125
			2-Nitrophenol-d4	40	40.57	101		20	130
			2,4-Dichlorophenol-d3	40	30.05	75		20	120
			4-Chloroaniline-d4	40	23.74	59		1	146
			Dimethylphthalate-d6	40	29.90	75		25	130
			Acenaphthylene-d8	40	28.99	72		10	130
			4-Nitrophenol-d4	40	6.72	17		10	150
			Fluorene-d10	40	30.75	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	36.94	92		10	130
			Anthracene-d10	40	30.93	77		25	130
			Pyrene-d10	40	31.77	79		15	130
			Benzo(a)pyrene-d12	40	32.17	80		20	130
P3540-02	C0B39	BG062371.D	1,4-Dioxane-d8	8	3.12	39		15	120
			Pyridine-d5	40	4.14	10	*	20	120
			Phenol-d5	40	7.81	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.70	69		25	120
			2-Chlorophenol-d4	40	24.47	61		20	130
			4-Methylphenol-d8	40	17.80	44		25	125
			Nitrobenzene-d5	40	32.01	80		20	125
			2-Nitrophenol-d4	40	36.00	90		20	130
			2,4-Dichlorophenol-d3	40	26.67	67		20	120
			4-Chloroaniline-d4	40	16.60	41		1	146
			Dimethylphthalate-d6	40	28.63	72		25	130
			Acenaphthylene-d8	40	26.72	67		10	130
			4-Nitrophenol-d4	40	8.39	21		10	150

Surrogate Summary

SW-846

SDG No.: **BG081224**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3540-02	C0B39	BG062371.D	Fluorene-d10	40	29.71	74		25	125
			4,6-Dinitro-2-methylphenol-d2	40	38.14	95		10	130
			Anthracene-d10	40	29.89	75		25	130
			Pyrene-d10	40	30.51	76		15	130
			Benzo(a)pyrene-d12	40	30.15	75		20	130
P3540-04	C0B42	BG062372.D	1,4-Dioxane-d8	8	3.63	45		15	120
			Pyridine-d5	40	4.09	10	*	20	120
			Phenol-d5	40	6.22	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.72	67		25	120
			2-Chlorophenol-d4	40	22.60	56		20	130
			4-Methylphenol-d8	40	15.64	39		25	125
			Nitrobenzene-d5	40	31.80	80		20	125
			2-Nitrophenol-d4	40	35.57	89		20	130
			2,4-Dichlorophenol-d3	40	26.01	65		20	120
			4-Chloroaniline-d4	40	16.92	42		1	146
			Dimethylphthalate-d6	40	28.48	71		25	130
			Acenaphthylene-d8	40	27.18	68		10	130
			4-Nitrophenol-d4	40	6.21	16		10	150
			Fluorene-d10	40	29.45	74		25	125
			4,6-Dinitro-2-methylphenol-d2	40	34.80	87		10	130
			Anthracene-d10	40	30.67	77		25	130
			Pyrene-d10	40	31.56	79		15	130
			Benzo(a)pyrene-d12	40	31.56	79		20	130
P3540-06	C0B44	BG062373.D	1,4-Dioxane-d8	8	4.60	58		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	11.74	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.89	82		25	120
			2-Chlorophenol-d4	40	31.58	79		20	130
			4-Methylphenol-d8	40	21.86	55		25	125
			Nitrobenzene-d5	40	39.05	98		20	125
			2-Nitrophenol-d4	40	45.78	114		20	130
			2,4-Dichlorophenol-d3	40	32.29	81		20	120
			4-Chloroaniline-d4	40	3.96	10		1	146
			Dimethylphthalate-d6	40	31.30	78		25	130
			Acenaphthylene-d8	40	29.40	73		10	130
			4-Nitrophenol-d4	40	12.90	32		10	150
			Fluorene-d10	40	32.72	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	44.04	110		10	130
			Anthracene-d10	40	33.43	84		25	130
			Pyrene-d10	40	34.92	87		15	130
			Benzo(a)pyrene-d12	40	33.81	85		20	130
PB162636BL	PB162636BL	BG062375.D	1,4-Dioxane-d8	8	5.66	71		15	120
			Pyridine-d5	40	24.85	62		20	120
			Phenol-d5	40	23.75	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.89	62		25	120
			2-Chlorophenol-d4	40	23.55	59		20	130
			4-Methylphenol-d8	40	22.97	57		25	125
			Nitrobenzene-d5	40	29.08	73		20	125
			2-Nitrophenol-d4	40	32.91	82		20	130

Surrogate Summary

SW-846

SDG No.: **BG081224**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162636BL	PB162636BL	BG062375.D	2,4-Dichlorophenol-d3	40	24.05	60		20	120
			4-Chloroaniline-d4	40	25.62	64		1	146
			Dimethylphthalate-d6	40	24.39	61		25	130
			Acenaphthylene-d8	40	23.28	58		10	130
			4-Nitrophenol-d4	40	27.58	69		10	150
			Fluorene-d10	40	25.30	63		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.90	80		10	130
			Anthracene-d10	40	24.90	62		25	130
			Pyrene-d10	40	25.09	63		15	130
			Benzo(a)pyrene-d12	40	24.29	61		20	130
			Pyridine-d5	40	26.30	66		20	120
			1,4-Dioxane-d8	8	6.10	76		15	120
			Phenol-d5	40	28.73	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.41	69		25	120
PB162636BS	PB162636BS	BG062374.D	2-Chlorophenol-d4	40	27.22	68		20	130
			4-Methylphenol-d8	40	28.55	71		25	125
			Nitrobenzene-d5	40	32.29	81		20	125
			2-Nitrophenol-d4	40	36.96	92		20	130
			2,4-Dichlorophenol-d3	40	29.17	73		20	120
			4-Chloroaniline-d4	40	25.92	65		1	146
			Dimethylphthalate-d6	40	27.23	68		25	130
			Acenaphthylene-d8	40	26.60	66		10	130
			4-Nitrophenol-d4	40	33.90	85		10	150
			Fluorene-d10	40	27.88	70		25	125
			4,6-Dinitro-2-methylphenol-d2	40	43.21	108		10	130
			Anthracene-d10	40	26.91	67		25	130
			Pyrene-d10	40	27.32	68		15	130
			Benzo(a)pyrene-d12	40	27.30	68		20	130

Surrogate Summary

SW-846

SDG No.: **BG081224**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3502-01	DCXT0	BG062367.D	1,4-Dioxane-d8	8	4.89	61		15	120
			Pyridine-d5	40	6.08	15	*	20	120
			Phenol-d5	40	8.36	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.37	76		25	120
			2-Chlorophenol-d4	40	27.10	68		20	130
			4-Methylphenol-d8	40	18.11	45		25	125
			Nitrobenzene-d5	40	35.89	90		20	125
			2-Nitrophenol-d4	40	40.23	101		20	130
			2,4-Dichlorophenol-d3	40	30.18	75		20	120
			4-Chloroaniline-d4	40	16.37	41		1	146
			Dimethylphthalate-d6	40	30.10	75		25	130
			Acenaphthylene-d8	40	29.16	73		10	130
			4-Nitrophenol-d4	40	8.65	22		10	150
			Fluorene-d10	40	31.18	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	39.29	98		10	130
			Anthracene-d10	40	32.70	82		25	130
			Pyrene-d10	40	33.36	83		15	130
			Benzo(a)pyrene-d12	40	33.32	83		20	130
P3502-11	DCXT1	BG062368.D	1,4-Dioxane-d8	8	5.42	68		15	120
			Pyridine-d5	40	5.73	14	*	20	120
			Phenol-d5	40	8.45	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.55	79		25	120
			2-Chlorophenol-d4	40	28.23	71		20	130
			4-Methylphenol-d8	40	19.45	49		25	125
			Nitrobenzene-d5	40	37.23	93		20	125
			2-Nitrophenol-d4	40	41.28	103		20	130
			2,4-Dichlorophenol-d3	40	29.97	75		20	120
			4-Chloroaniline-d4	40	24.23	61		1	146
			Dimethylphthalate-d6	40	30.71	77		25	130
			Acenaphthylene-d8	40	29.03	73		10	130
			4-Nitrophenol-d4	40	8.26	21		10	150
			Fluorene-d10	40	31.85	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	39.18	98		10	130
			Anthracene-d10	40	33.76	84		25	130
			Pyrene-d10	40	34.90	87		15	130
			Benzo(a)pyrene-d12	40	35.93	90		20	130
P3552-01	E08M6	BG062364.D	1,4-Dioxane-d8	8	4.11	51		15	120
			Pyridine-d5	40	2.13	5	*	20	120
			Phenol-d5	40	7.85	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.40	66		25	120
			2-Chlorophenol-d4	40	22.32	56		20	130
			4-Methylphenol-d8	40	18.04	45		25	125
			Nitrobenzene-d5	40	27.49	69		20	125
			2-Nitrophenol-d4	40	29.80	75		20	130
			2,4-Dichlorophenol-d3	40	23.74	59		20	120
			4-Chloroaniline-d4	40	17.46	44		1	146
			Dimethylphthalate-d6	40	27.99	70		25	130
			Acenaphthylene-d8	40	26.16	65		10	130
			4-Nitrophenol-d4	40	6.28	16		10	150

Surrogate Summary

SW-846

SDG No.: **BG081224**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3552-01	E08M6	BG062364.D	Fluorene-d10	40	28.67	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.17	73		10	130
			Anthracene-d10	40	28.45	71		25	130
			Pyrene-d10	40	29.56	74		15	130
			Benzo(a)pyrene-d12	40	28.57	71		20	130
P3552-03	E0CJ9	BG062365.D	1,4-Dioxane-d8	8	3.68	46		15	120
			Pyridine-d5	40	3.63	9	*	20	120
			Phenol-d5	40	6.51	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.04	60		25	120
			2-Chlorophenol-d4	40	21.02	53		20	130
			4-Methylphenol-d8	40	14.34	36		25	125
			Nitrobenzene-d5	40	26.04	65		20	125
			2-Nitrophenol-d4	40	29.21	73		20	130
			2,4-Dichlorophenol-d3	40	24.48	61		20	120
			4-Chloroaniline-d4	40	10.57	26		1	146
			Dimethylphthalate-d6	40	27.04	68		25	130
			Acenaphthylene-d8	40	25.20	63		10	130
			4-Nitrophenol-d4	40	5.97	15		10	150
			Fluorene-d10	40	28.12	70		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.20	78		10	130
			Anthracene-d10	40	28.69	72		25	130
			Pyrene-d10	40	31.24	78		15	130
			Benzo(a)pyrene-d12	40	29.30	73		20	130
			1,4-Dioxane-d8	8	3.94	49		15	120
			Pyridine-d5	40	3.95	10	*	20	120
			Phenol-d5	40	6.41	16		10	130
P3552-04	E0CK1	BG062366.D	Bis(2-Chloroethyl)ether-d8	40	25.06	63		25	120
			2-Chlorophenol-d4	40	22.66	57		20	130
			4-Methylphenol-d8	40	14.43	36		25	125
			Nitrobenzene-d5	40	29.93	75		20	125
			2-Nitrophenol-d4	40	33.15	83		20	130
			2,4-Dichlorophenol-d3	40	27.60	69		20	120
			4-Chloroaniline-d4	40	10.52	26		1	146
			Dimethylphthalate-d6	40	28.06	70		25	130
			Acenaphthylene-d8	40	26.57	66		10	130
			4-Nitrophenol-d4	40	5.96	15		10	150
			Fluorene-d10	40	28.96	72		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.29	83		10	130
			Anthracene-d10	40	30.05	75		25	130
			Pyrene-d10	40	30.44	76		15	130
			Benzo(a)pyrene-d12	40	29.87	75		20	130
PB162650BL	PB162650BL	BG062362.D	1,4-Dioxane-d8	8	6.01	75		15	120
			Pyridine-d5	40	27.19	68		20	120
			Phenol-d5	40	24.88	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.64	67		25	120
			2-Chlorophenol-d4	40	25.63	64		20	130
			4-Methylphenol-d8	40	25.01	63		25	125
			Nitrobenzene-d5	40	25.34	63		20	125
			2-Nitrophenol-d4	40	25.53	64		20	130

Surrogate Summary

SW-846

SDG No.: **BG081224**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162650BL	PB162650BL	BG062362.D	2,4-Dichlorophenol-d3	40	24.49	61		20	120
			4-Chloroaniline-d4	40	26.14	65		1	146
			Dimethylphthalate-d6	40	26.78	67		25	130
			Acenaphthylene-d8	40	25.48	64		10	130
			4-Nitrophenol-d4	40	23.75	59		10	150
			Fluorene-d10	40	27.20	68		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.44	61		10	130
			Anthracene-d10	40	27.13	68		25	130
			Pyrene-d10	40	27.72	69		15	130
			Benzo(a)pyrene-d12	40	26.33	66		20	130
PB162650BS	PB162650BS	BG062363.D	1,4-Dioxane-d8	8	6.76	85		15	120
			Pyridine-d5	40	27.42	69		20	120
			Phenol-d5	40	29.30	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.93	72		25	120
			2-Chlorophenol-d4	40	28.46	71		20	130
			4-Methylphenol-d8	40	29.42	74		25	125
			Nitrobenzene-d5	40	29.08	73		20	125
			2-Nitrophenol-d4	40	31.33	78		20	130
			2,4-Dichlorophenol-d3	40	29.21	73		20	120
			4-Chloroaniline-d4	40	27.01	68		1	146
			Dimethylphthalate-d6	40	28.75	72		25	130
			Acenaphthylene-d8	40	27.96	70		10	130
			4-Nitrophenol-d4	40	32.41	81		10	150
			Fluorene-d10	40	29.40	73		25	125
			4,6-Dinitro-2-methylphenol-d2	40	37.44	94		10	130
			Anthracene-d10	40	28.37	71		25	130
			Pyrene-d10	40	29.17	73		15	130
			Benzo(a)pyrene-d12	40	28.25	71		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG081224

Lab Code: CHEM

SAS No.: BG081224 SDG NO.: BG081224

Lab File ID: BG062360.D

DFTPP Injection Date: 08/12/2024

Instrument ID: BNA_G

DFTPP Injection Time: 10:29

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	39.1
68	Less than 2.0% of mass 69	0.1 (0.4) 1
69	Mass 69 relative abundance	31.1
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	37.3
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	6.9
275	10.0 - 60.0% of mass 198	27.8
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	11.9
442	Greater than 50% of mass 198	72
443	15.0 - 24.0% of mass 442	13.8 (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
SSTD020451	SSTDCCC020	BG062361.D	08/12/2024	11:10
SBLK650	PB162650BL	BG062362.D	08/12/2024	11:50
SLCS650	PB162650BS	BG062363.D	08/12/2024	12:30
E08M6	P3552-01	BG062364.D	08/12/2024	13:12
E0CJ9	P3552-03	BG062365.D	08/12/2024	13:54
E0CK1	P3552-04	BG062366.D	08/12/2024	14:35
DCXT0	P3502-01	BG062367.D	08/12/2024	15:16
DCXT1	P3502-11	BG062368.D	08/12/2024	15:57
BH7N1	P3538-01	BG062369.D	08/12/2024	16:38
BH7N2	P3538-02	BG062370.D	08/12/2024	17:19
C0B39	P3540-02	BG062371.D	08/12/2024	18:00
C0B42	P3540-04	BG062372.D	08/12/2024	18:41
C0B44	P3540-06	BG062373.D	08/12/2024	19:22
SLCS636	PB162636BS	BG062374.D	08/12/2024	20:03
SBLK636	PB162636BL	BG062375.D	08/12/2024	20:44
SSTD020452	SSTDCCC020EC	BG062376.D	08/12/2024	21:25