

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG081524 SAS No.: BG081524 SDG No.: BG081524
Instrument ID: BNA_G Calibration Date/Time: 8/15/2024 1:09:10
Lab File ID: BG062407.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020456 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.562	0.575	0.010	2.2057	40.0
Benzaldehyde	1.031	1.192	0.010	15.5341	40.0
Pyridine	1.689	1.557	0.010	-7.8267	40.0
Phenol	2.088	2.003	0.080	-4.0809	20.0
Bis(2-Chloroethyl)ether	1.545	1.480	0.100	-4.2218	20.0
2-Chlorophenol	1.406	1.455	0.200	3.5108	20.0
2-Methylphenol	1.571	1.462	0.010	-6.91	20.0
2,2-oxybis(1-Chloropropane)	3.189	3.013	0.010	-5.5215	40.0
Acetophenone	2.732	2.598	0.060	-4.8963	20.0
4-Methylphenol	1.799	1.663	0.010	-7.5979	20.0
N-Nitroso-di-n-propylamine	1.442	1.378	0.050	-4.3885	30.0
Hexachloroethane	0.559	0.568	0.100	1.5116	20.0
Nitrobenzene	0.362	0.373	0.050	3.0264	25.0
Isophorone	0.856	0.813	0.050	-5.0198	25.0
2-Nitrophenol	0.143	0.166	0.050	16.4339	25.0
2,4-Dimethylphenol	0.389	0.386	0.050	-0.7881	25.0
Bis(2-Chloroethoxy)methane	0.476	0.442	0.050	-7.0993	20.0
2,4-Dichlorophenol	0.334	0.321	0.060	-3.8666	20.0
Naphthalene	1.160	1.111	0.200	-4.1947	20.0
4-Chloroaniline	0.501	0.472	0.010	-5.7198	40.0
Hexachlorobutadiene	0.254	0.238	0.040	-6.3645	30.0
Caprolactam	0.135	0.126	0.010	-6.2252	40.0
4-Chloro-3-methylphenol	0.390	0.397	0.040	1.5562	25.0
1-Methylnaphthalene	0.836	0.809	0.100	-3.2148	20.0
2-Methylnaphthalene	0.819	0.783	0.100	-4.4068	20.0
Hexachlorocyclopentadiene	0.342	0.312	0.010	-8.9031	40.0
2,4,6-Trichlorophenol	0.384	0.379	0.090	-1.3547	25.0
2,4,5-Trichlorophenol	0.403	0.410	0.100	1.6019	25.0
1,1-Biphenyl	1.515	1.424	0.200	-6.0016	20.0
2-Chloronaphthalene	1.172	1.112	0.300	-5.1883	20.0
2-Nitroaniline	0.304	0.335	0.050	10.1935	40.0
Dimethylphthalate	1.577	1.521	0.300	-3.5794	20.0
2,6-Dinitrotoluene	0.225	0.251	0.080	11.2316	30.0
Acenaphthylene	1.844	1.751	0.400	-5.0412	20.0
3-Nitroaniline	0.257	0.276	0.010	7.7062	40.0
Acenaphthene	1.380	1.307	0.200	-5.317	20.0
2,4-Dinitrophenol	0.142	0.121	0.010	-14.7441	40.0
4-Nitrophenol	0.213	0.226	0.010	6.0988	40.0
Dibenzofuran	1.942	1.879	0.300	-3.2029	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG081524 SAS No.: BG081524 SDG No.: BG081524

Instrument ID: BNA_G Calibration Date/Time: 8/15/2024 1:09:10

Lab File ID: BG062407.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020456 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.343	0.398	0.070	15.9315	30.0
Diethylphthalate	1.574	1.575	0.300	0.0679	20.0
Fluorene	1.530	1.469	0.200	-4.0341	20.0
4-Chlorophenyl-phenylether	0.786	0.753	0.100	-4.1931	20.0
4-Nitroaniline	0.268	0.306	0.010	14.0609	40.0
4,6-Dinitro-2-methylphenol	0.102	0.098	0.010	-4.1206	40.0
N-Nitrosodiphenylamine	0.580	0.549	0.050	-5.2594	20.0
1,2,4,5-Tetrachlorobenzene	0.668	0.631	0.100	-5.5397	20.0
4-Bromophenyl-phenylether	0.224	0.213	0.070	-5.138	20.0
Hexachlorobenzene	0.262	0.245	0.050	-6.1493	25.0
Atrazine	0.242	0.242	0.010	0.1764	25.0
Pentachlorophenol	0.153	0.143	0.010	-6.3889	40.0
Phenanthrene	1.124	1.086	0.200	-3.405	20.0
Pentachlorobenzene	0.300	0.275	0.050	-8.4714	20.0
Anthracene	1.151	1.104	0.200	-4.0704	20.0
1,2,3,4-Tetrachlorobenzene	0.286	0.259	0.050	-9.3205	20.0
Carbazole	0.967	0.974	0.050	0.7332	40.0
Di-n-butylphthalate	1.157	1.179	0.500	1.8827	25.0
Fluoranthene	1.309	1.246	0.400	-4.7592	25.0
Pyrene	1.410	1.366	0.400	-3.1289	25.0
Butylbenzylphthalate	0.475	0.478	0.100	0.6374	40.0
3,3-Dichlorobenzidine	0.437	0.455	0.010	4.2178	40.0
Benzo (a) anthracene	1.452	1.397	0.300	-3.7983	30.0
Chrysene	1.376	1.323	0.200	-3.8771	30.0
Bis(2-ethylhexyl)phthalate	0.694	0.701	0.200	1.0595	40.0
Di-n-octyl phthalate	1.067	1.056	0.010	-1.0107	40.0
Benzo (b) fluoranthene	1.208	1.164	0.200	-3.6677	25.0
Benzo (k) fluoranthene	1.220	1.159	0.200	-4.9906	25.0
Benzo (a) pyrene	1.139	1.081	0.200	-5.0872	20.0
Indeno (1,2,3-cd) pyrene	1.448	1.404	0.200	-3.0334	25.0
Dibenzo (a,h) anthracene	1.173	1.137	0.200	-3.1287	30.0
Benzo (g,h,i) perylene	1.113	1.079	0.200	-3.0975	30.0
2,3,4,6-Tetrachlorophenol	0.388	0.409	0.040	5.3758	20.0
1,4-Dioxane-d8	0.527	0.495	0.010	-5.9417	25.0
Pyridine-d5	1.605	1.472	0.010	-8.2822	40.0
Phenol-d5	1.990	1.866	0.010	-6.2275	25.0
Bis- (2-Chloroethyl) ether-d8	1.253	1.172	0.050	-6.4836	25.0
2-Chlorophenol-d4	1.359	1.384	0.200	1.8271	20.0
4-Methylphenol-d8	1.668	1.512	0.010	-9.3457	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG081524 SAS No.: BG081524 SDG No.: BG081524

Instrument ID: BNA_G Calibration Date/Time: 8/15/2024 1:09:10

Lab File ID: BG062407.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020456 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.128	0.134	0.050	4.3951	20.0
2-Nitrophenol-d4	0.128	0.141	0.050	10.3494	30.0
2,4-Dichlorophenol-d3	0.325	0.321	0.060	-1.1385	20.0
4-Chloroaniline-d4	0.515	0.483	0.010	-6.2751	40.0
Dimethylphthalate-d6	1.556	1.510	0.300	-2.9183	20.0
Acenaphthylene-d8	1.723	1.632	0.400	-5.243	20.0
4-Nitrophenol-d4	0.248	0.260	0.010	4.6952	40.0
Fluorene-d10	1.403	1.358	0.100	-3.1908	20.0
4,6-Dinitro-2-methylphenol-d2	0.091	0.086	0.010	-4.8293	40.0
Anthracene-d10	0.961	0.931	0.300	-3.1435	20.0
Pyrene-d10	1.171	1.120	0.300	-4.3404	25.0
Benzo(a)pyrene-d12	1.061	1.013	0.010	-4.5219	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.: BG081524 SAS No.: BG081524 SDG No.: BG081524
Instrument ID: BNA_G Calibration Date/Time: 8/15/2024 1:18:03
Lab File ID: BG062420.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020457 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.562	0.510	0.010	-9.3602	40.0
Benzaldehyde	1.031	1.213	0.010	17.5887	40.0
Pyridine	1.689	1.525	0.010	-9.6968	40.0
Phenol	2.088	2.068	0.080	-0.9524	20.0
Bis(2-Chloroethyl)ether	1.545	1.481	0.100	-4.1402	20.0
2-Chlorophenol	1.406	1.481	0.200	5.3208	20.0
2-Methylphenol	1.571	1.527	0.010	-2.8208	20.0
2,2-oxybis(1-Chloropropane)	3.189	2.944	0.010	-7.6712	40.0
Acetophenone	2.732	2.441	0.060	-10.6453	20.0
4-Methylphenol	1.799	1.689	0.010	-6.1437	20.0
N-Nitroso-di-n-propylamine	1.442	1.282	0.050	-11.0877	30.0
Hexachloroethane	0.559	0.590	0.100	5.5157	20.0
Nitrobenzene	0.362	0.406	0.050	12.0917	25.0
Isophorone	0.856	0.763	0.050	-10.8673	25.0
2-Nitrophenol	0.143	0.185	0.050	30.0753	25.0
2,4-Dimethylphenol	0.389	0.395	0.050	1.5227	25.0
Bis(2-Chloroethoxy)methane	0.476	0.454	0.050	-4.6883	20.0
2,4-Dichlorophenol	0.334	0.356	0.060	6.8013	20.0
Naphthalene	1.160	1.112	0.200	-4.1463	20.0
4-Chloroaniline	0.501	0.464	0.010	-7.4235	40.0
Hexachlorobutadiene	0.254	0.246	0.040	-3.0692	30.0
Caprolactam	0.135	0.121	0.010	-10.1211	40.0
4-Chloro-3-methylphenol	0.390	0.405	0.040	3.6406	25.0
1-Methylnaphthalene	0.836	0.805	0.100	-3.7016	20.0
2-Methylnaphthalene	0.819	0.802	0.100	-2.0923	20.0
Hexachlorocyclopentadiene	0.342	0.295	0.010	-13.8234	40.0
2,4,6-Trichlorophenol	0.384	0.417	0.090	8.5356	25.0
2,4,5-Trichlorophenol	0.403	0.447	0.100	10.8307	25.0
1,1-Biphenyl	1.515	1.475	0.200	-2.6444	20.0
2-Chloronaphthalene	1.172	1.162	0.300	-0.8534	20.0
2-Nitroaniline	0.304	0.366	0.050	20.6539	40.0
Dimethylphthalate	1.577	1.408	0.300	-10.716	20.0
2,6-Dinitrotoluene	0.225	0.276	0.080	22.3954	30.0
Acenaphthylene	1.844	1.770	0.400	-4.0175	20.0
3-Nitroaniline	0.257	0.280	0.010	9.2167	40.0
Acenaphthene	1.380	1.317	0.200	-4.6031	20.0
2,4-Dinitrophenol	0.142	0.144	0.010	1.6315	40.0
4-Nitrophenol	0.213	0.213	0.010	-0.1714	40.0
Dibenzofuran	1.942	1.838	0.300	-5.3401	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG081524 SAS No.: BG081524 SDG No.: BG081524

Instrument ID: BNA_G Calibration Date/Time: 8/15/2024 1:18:03

Lab File ID: BG062420.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020457 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.343	0.402	0.070	17.2595	30.0
Diethylphthalate	1.574	1.421	0.300	-9.742	20.0
Fluorene	1.530	1.424	0.200	-6.929	20.0
4-Chlorophenyl-phenylether	0.786	0.740	0.100	-5.8692	20.0
4-Nitroaniline	0.268	0.271	0.010	1.1487	40.0
4,6-Dinitro-2-methylphenol	0.102	0.115	0.010	12.5684	40.0
N-Nitrosodiphenylamine	0.580	0.581	0.050	0.2854	20.0
1,2,4,5-Tetrachlorobenzene	0.668	0.658	0.100	-1.4789	20.0
4-Bromophenyl-phenylether	0.224	0.229	0.070	1.9733	20.0
Hexachlorobenzene	0.262	0.260	0.050	-0.6051	25.0
Atrazine	0.242	0.230	0.010	-4.6616	25.0
Pentachlorophenol	0.153	0.163	0.010	6.4933	40.0
Phenanthrene	1.124	1.069	0.200	-4.863	20.0
Pentachlorobenzene	0.300	0.306	0.050	1.9634	20.0
Anthracene	1.151	1.101	0.200	-4.321	20.0
1,2,3,4-Tetrachlorobenzene	0.286	0.308	0.050	7.8396	20.0
Carbazole	0.967	0.925	0.050	-4.3838	40.0
Di-n-butylphthalate	1.157	1.122	0.500	-3.0003	25.0
Fluoranthene	1.309	1.313	0.400	0.3074	25.0
Pyrene	1.410	1.377	0.400	-2.3779	25.0
Butylbenzylphthalate	0.475	0.506	0.100	6.5391	40.0
3,3-Dichlorobenzidine	0.437	0.482	0.010	10.3079	40.0
Benzo (a) anthracene	1.452	1.406	0.300	-3.1136	30.0
Chrysene	1.376	1.340	0.200	-2.6546	30.0
Bis (2-ethylhexyl) phthalate	0.694	0.752	0.200	8.3845	40.0
Di-n-octyl phthalate	1.067	1.125	0.010	5.4904	40.0
Benzo (b) fluoranthene	1.208	1.164	0.200	-3.6357	25.0
Benzo (k) fluoranthene	1.220	1.156	0.200	-5.2419	25.0
Benzo (a) pyrene	1.139	1.086	0.200	-4.6785	20.0
Indeno (1,2,3-cd) pyrene	1.448	1.417	0.200	-2.1051	25.0
Dibenzo (a,h) anthracene	1.173	1.169	0.200	-0.3367	30.0
Benzo (g,h,i) perylene	1.113	1.095	0.200	-1.617	30.0
2,3,4,6-Tetrachlorophenol	0.388	0.410	0.040	5.7403	20.0
1,4-Dioxane-d8	0.527	0.460	0.010	-12.592	25.0
Pyridine-d5	1.605	1.442	0.010	-10.1409	40.0
Phenol-d5	1.990	1.987	0.010	-0.1106	25.0
Bis- (2-Chloroethyl) ether-d8	1.253	1.168	0.050	-6.8395	25.0
2-Chlorophenol-d4	1.359	1.437	0.200	5.7308	20.0
4-Methylphenol-d8	1.668	1.553	0.010	-6.869	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG081524 SAS No.: BG081524 SDG No.: BG081524

Instrument ID: BNA_G Calibration Date/Time: 8/15/2024 1:18:03

Lab File ID: BG062420.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020457 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.128	0.153	0.050	18.9916	20.0
2-Nitrophenol-d4	0.128	0.171	0.050	33.6414	30.0
2,4-Dichlorophenol-d3	0.325	0.351	0.060	7.9577	20.0
4-Chloroaniline-d4	0.515	0.478	0.010	-7.2568	40.0
Dimethylphthalate-d6	1.556	1.412	0.300	-9.2208	20.0
Acenaphthylene-d8	1.723	1.655	0.400	-3.8932	20.0
4-Nitrophenol-d4	0.248	0.244	0.010	-1.7379	40.0
Fluorene-d10	1.403	1.325	0.100	-5.5342	20.0
4,6-Dinitro-2-methylphenol-d2	0.091	0.099	0.010	9.3034	40.0
Anthracene-d10	0.961	0.932	0.300	-2.9805	20.0
Pyrene-d10	1.171	1.154	0.300	-1.4961	25.0
Benzo(a)pyrene-d12	1.061	1.031	0.010	-2.8565	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG081524 SAS No.: BG081524 SDG No.: BG081524

Instrument ID: BNA_G Calibration Date/Time: 8/16/2024 1:05:38

Lab File ID: BG062436.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020458 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.562	0.478	0.010	-14.9901	50.0
Benzaldehyde	1.031	1.182	0.010	14.5658	50.0
Pyridine	1.689	1.449	0.010	-14.2224	50.0
Phenol	2.088	2.026	0.080	-2.9563	50.0
Bis(2-Chloroethyl)ether	1.545	1.408	0.100	-8.8268	50.0
2-Chlorophenol	1.406	1.455	0.200	3.4716	50.0
2-Methylphenol	1.571	1.560	0.010	-0.7135	50.0
2,2-oxybis(1-Chloropropane)	3.189	2.980	0.010	-6.5416	50.0
Acetophenone	2.732	2.491	0.060	-8.8349	50.0
4-Methylphenol	1.799	1.758	0.010	-2.3142	50.0
N-Nitroso-di-n-propylamine	1.442	1.301	0.050	-9.7564	50.0
Hexachloroethane	0.559	0.566	0.100	1.228	50.0
Nitrobenzene	0.362	0.400	0.050	10.5392	50.0
Isophorone	0.856	0.751	0.050	-12.1688	50.0
2-Nitrophenol	0.143	0.190	0.050	33.5677	50.0
2,4-Dimethylphenol	0.389	0.383	0.050	-1.5169	50.0
Bis(2-Chloroethoxy)methane	0.476	0.440	0.050	-7.6295	50.0
2,4-Dichlorophenol	0.334	0.348	0.060	4.2185	50.0
Naphthalene	1.160	1.120	0.200	-3.4185	50.0
4-Chloroaniline	0.501	0.462	0.010	-7.7132	50.0
Hexachlorobutadiene	0.254	0.247	0.040	-2.8156	50.0
Caprolactam	0.135	0.112	0.010	-16.7981	50.0
4-Chloro-3-methylphenol	0.390	0.393	0.040	0.7331	50.0
1-Methylnaphthalene	0.836	0.797	0.100	-4.6658	50.0
2-Methylnaphthalene	0.819	0.783	0.100	-4.4295	50.0
Hexachlorocyclopentadiene	0.342	0.268	0.010	-21.6522	50.0
2,4,6-Trichlorophenol	0.384	0.427	0.090	11.0551	50.0
2,4,5-Trichlorophenol	0.403	0.446	0.100	10.5288	50.0
1,1-Biphenyl	1.515	1.490	0.200	-1.6909	50.0
2-Chloronaphthalene	1.172	1.163	0.300	-0.7816	50.0
2-Nitroaniline	0.304	0.369	0.050	21.5063	50.0
Dimethylphthalate	1.577	1.438	0.300	-8.8043	50.0
2,6-Dinitrotoluene	0.225	0.281	0.080	24.6348	50.0
Acenaphthylene	1.844	1.759	0.400	-4.6019	50.0
3-Nitroaniline	0.257	0.277	0.010	7.9463	50.0
Acenaphthene	1.380	1.310	0.200	-5.118	50.0
2,4-Dinitrophenol	0.142	0.153	0.010	7.5034	50.0
4-Nitrophenol	0.213	0.205	0.010	-3.6781	50.0
Dibenzofuran	1.942	1.829	0.300	-5.8149	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG081524 SAS No.: BG081524 SDG No.: BG081524

Instrument ID: BNA_G Calibration Date/Time: 8/16/2024 1:05:38

Lab File ID: BG062436.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020458 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.343	0.398	0.070	16.0758	50.0
Diethylphthalate	1.574	1.406	0.300	-10.707	50.0
Fluorene	1.530	1.398	0.200	-8.64	50.0
4-Chlorophenyl-phenylether	0.786	0.731	0.100	-7.0654	50.0
4-Nitroaniline	0.268	0.265	0.010	-1.1509	50.0
4,6-Dinitro-2-methylphenol	0.102	0.119	0.010	16.2399	50.0
N-Nitrosodiphenylamine	0.580	0.579	0.050	-0.1629	50.0
1,2,4,5-Tetrachlorobenzene	0.668	0.678	0.100	1.4863	50.0
4-Bromophenyl-phenylether	0.224	0.229	0.070	2.0595	50.0
Hexachlorobenzene	0.262	0.260	0.050	-0.6095	50.0
Atrazine	0.242	0.229	0.010	-5.3072	50.0
Pentachlorophenol	0.153	0.157	0.010	3.1952	50.0
Phenanthrene	1.124	1.069	0.200	-4.8871	50.0
Pentachlorobenzene	0.300	0.321	0.050	6.9428	50.0
Anthracene	1.151	1.102	0.200	-4.2978	50.0
1,2,3,4-Tetrachlorobenzene	0.286	0.323	0.050	12.9171	50.0
Carbazole	0.967	0.914	0.050	-5.4755	50.0
Di-n-butylphthalate	1.157	1.099	0.500	-4.9792	50.0
Fluoranthene	1.309	1.314	0.400	0.3965	50.0
Pyrene	1.410	1.390	0.400	-1.4624	50.0
Butylbenzylphthalate	0.475	0.507	0.100	6.8239	50.0
3,3-Dichlorobenzidine	0.437	0.495	0.010	13.5001	50.0
Benzo (a) anthracene	1.452	1.420	0.300	-2.1987	50.0
Chrysene	1.376	1.317	0.200	-4.3016	50.0
Bis (2-ethylhexyl) phthalate	0.694	0.745	0.200	7.3603	50.0
Di-n-octyl phthalate	1.067	1.093	0.010	2.4882	50.0
Benzo (b) fluoranthene	1.208	1.157	0.200	-4.2359	50.0
Benzo (k) fluoranthene	1.220	1.168	0.200	-4.2532	50.0
Benzo (a) pyrene	1.139	1.098	0.200	-3.5794	50.0
Indeno (1,2,3-cd) pyrene	1.448	1.403	0.200	-3.1044	50.0
Dibenzo (a,h) anthracene	1.173	1.152	0.200	-1.8079	50.0
Benzo (g,h,i) perylene	1.113	1.067	0.200	-4.1619	50.0
2,3,4,6-Tetrachlorophenol	0.388	0.399	0.040	2.8907	50.0
1,4-Dioxane-d8	0.527	0.423	0.010	-19.7163	50.0
Pyridine-d5	1.605	1.379	0.010	-14.0762	50.0
Phenol-d5	1.990	1.958	0.010	-1.5738	50.0
Bis- (2-Chloroethyl) ether-d8	1.253	1.124	0.050	-10.3036	50.0
2-Chlorophenol-d4	1.359	1.404	0.200	3.3143	50.0
4-Methylphenol-d8	1.668	1.624	0.010	-2.6444	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG081524 SAS No.: BG081524 SDG No.: BG081524

Instrument ID: BNA_G Calibration Date/Time: 8/16/2024 1:05:38

Lab File ID: BG062436.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020458 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.128	0.155	0.050	20.7926	50.0
2-Nitrophenol-d4	0.128	0.171	0.050	34.0148	50.0
2,4-Dichlorophenol-d3	0.325	0.348	0.060	7.0127	50.0
4-Chloroaniline-d4	0.515	0.479	0.010	-7.0186	50.0
Dimethylphthalate-d6	1.556	1.422	0.300	-8.5861	50.0
Acenaphthylene-d8	1.723	1.646	0.400	-4.4537	50.0
4-Nitrophenol-d4	0.248	0.237	0.010	-4.5245	50.0
Fluorene-d10	1.403	1.308	0.100	-6.7592	50.0
4,6-Dinitro-2-methylphenol-d2	0.091	0.108	0.010	18.6874	50.0
Anthracene-d10	0.961	0.930	0.300	-3.1633	50.0
Pyrene-d10	1.171	1.155	0.300	-1.3785	50.0
Benzo(a)pyrene-d12	1.061	1.027	0.010	-3.2593	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	SBLK679	SDG No.:	BG081524
Lab Sample ID:	PB162679BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062408.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.5	330	ug/Kg
110-86-1	Pyridine	77	U	77	170	330	ug/Kg
108-95-2	Phenol	30	U	30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.5	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.5	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.5	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.5	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	SBLK679	SDG No.:	BG081524
Lab Sample ID:	PB162679BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062408.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.5	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.5	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.5	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.5	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.5	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.5	170	ug/Kg
206-44-0	Fluoranthene	19	U	19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	SBLK679	SDG No.:	BG081524
Lab Sample ID:	PB162679BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062408.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.945		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	24.833		20-120		62	SPK: -40
4165-62-2	Phenol-d5	25.907		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.642		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.198		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	26.032		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	32.527		10-135		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.256		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.595		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.552		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.293		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	27.025		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.44		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	28.541		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	8/12/2024 12:00:00 AM
Project:		Date Received:	8/12/2024 12:00:00 AM
Client Sample ID:	SBLK679	SDG No.:	BG081524
Lab Sample ID:	PB162679BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062408.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.196		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	28.497		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	29.089		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.977		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56791	7.958				
1146-65-2	Naphthalene-d8	272587	10.749				
15067-26-2	Acenaphthene-d10	217347	14.579				
1517-22-2	Phenanthrene-d10	537893	17.316				
1719-03-5	Chrysene-d12	557296	21.558				
1520-96-3	Perylene-d12	648850	24.653				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

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:	E0AE9	SDG No.:	BG081524
Lab Sample ID:	P3481-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			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
BG062409.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	52	U	52	12.7	130	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	640	ug/Kg
110-86-1	Pyridine	150	U	150	320	640	ug/Kg
108-95-2	Phenol	58	U	58	160	640	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	56	U	56	160	640	ug/Kg
95-57-8	2-Chlorophenol	54	U	54	81.9	330	ug/Kg
95-48-7	2-Methylphenol	60	U	60	160	640	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	77	U	77	160	640	ug/Kg
98-86-2	Acetophenone	280	J	130	160	640	ug/Kg
106-44-5	4-Methylphenol	100	U	100	160	640	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	150	U	150	81.9	330	ug/Kg
67-72-1	Hexachloroethane	120	U	120	81.9	330	ug/Kg
98-95-3	Nitrobenzene	120	U	120	81.9	330	ug/Kg
78-59-1	Isophorone	130	U	130	81.9	330	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	81.9	330	ug/Kg
105-67-9	2,4-Dimethylphenol	62	U	62	81.9	330	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	87	U	87	81.9	330	ug/Kg
120-83-2	2,4-Dichlorophenol	73	U	73	81.9	330	ug/Kg
91-20-3	Naphthalene	290	J	46	81.9	330	ug/Kg
106-47-8	4-Chloroaniline	69	U	69	81.9	640	ug/Kg
87-68-3	Hexachlorobutadiene	67	U	67	81.9	330	ug/Kg
105-60-2	Caprolactam	120	U	120	160	640	ug/Kg
59-50-7	4-Chloro-3-methylphenol	79	U	79	81.9	330	ug/Kg
90-12-0	1-Methylnaphthalene	790		46	81.9	330	ug/Kg
91-57-6	2-Methylnaphthalene	1300		62	81.9	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	160	640	ug/Kg
88-06-2	2,4,6-Trichlorophenol	46	U	46	81.9	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64	U	64	81.9	330	ug/Kg

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:	E0AE9	SDG No.:	BG081524
Lab Sample ID:	P3481-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062409.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	50	U	50	81.9	330	ug/Kg
91-58-7	2-Chloronaphthalene	64	U	64	81.9	330	ug/Kg
88-74-4	2-Nitroaniline	87	U	87	81.9	330	ug/Kg
131-11-3	Dimethylphthalate	58	U	58	81.9	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	39	U	39	81.9	330	ug/Kg
208-96-8	Acenaphthylene	110	J	56	81.9	330	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	160	640	ug/Kg
83-32-9	Acenaphthene	1500		50	81.9	330	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	160	640	ug/Kg
100-02-7	4-Nitrophenol	85	U	85	160	640	ug/Kg
132-64-9	Dibenzofuran	540		52	81.9	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	67	U	67	81.9	330	ug/Kg
84-66-2	Diethylphthalate	64	U	64	81.9	330	ug/Kg
86-73-7	Fluorene	1200		52	81.9	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	39	U	39	81.9	330	ug/Kg
100-01-6	4-Nitroaniline	46	U	46	160	640	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	73	U	73	160	640	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	81.9	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	66	U	66	81.9	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	81.9	330	ug/Kg
118-74-1	Hexachlorobenzene	54	U	54	81.9	330	ug/Kg
1912-24-9	Atrazine	54	U	54	160	640	ug/Kg
87-86-5	Pentachlorophenol	170	U	170	160	640	ug/Kg
85-01-8	Phenanthrene	5200	E	52	81.9	330	ug/Kg
608-93-5	Pentachlorobenzene	71	U	71	81.9	330	ug/Kg
120-12-7	Anthracene	1800		48	81.9	330	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	81.9	330	ug/Kg
86-74-8	Carbazole	66	U	66	160	640	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	81.9	330	ug/Kg
206-44-0	Fluoranthene	4400		37	160	330	ug/Kg

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:	E0AE9	SDG No.:	BG081524
Lab Sample ID:	P3481-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062409.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3500		35	81.9	330	ug/Kg
85-68-7	Butylbenzylphthalate	42	U	42	81.9	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	160	640	ug/Kg
56-55-3	Benzo(a)anthracene	2000		44	81.9	330	ug/Kg
218-01-9	Chrysene	1600		46	81.9	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	81.9	330	ug/Kg
117-84-0	Di-n-octyl phthalate	92	U	92	160	640	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		71	81.9	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	710		73	81.9	330	ug/Kg
50-32-8	Benzo(a)pyrene	1100		60	81.9	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	620		54	81.9	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	240	J	50	81.9	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	J	62	81.9	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	69	U	69	81.9	330	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.089	*	15-120		14	SPK: -8
7291-22-7	Pyridine-d5	0.84	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	7.18		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.745		10-150		19	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.805		15-120		20	SPK: -40
190780-66-6	4-Methylphenol-d8	6.974		10-140		17	SPK: -40
4165-60-0	Nitrobenzene-d5	8.721		10-135		22	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.138		10-120		23	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.999		10-140		20	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.25		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.341		10-145		21	SPK: -40
93951-97-4	Acenaphthylene-d8	8.333		15-120		21	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.909		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	8.928		20-140		22	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:	E0AE9	SDG No.:	BG081524
Lab Sample ID:	P3481-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062409.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.325		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	8.797		10-150		22	SPK: -40
1718-52-1	Pyrene-d10	8.687		10-130		22	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.472		10-140		16	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56532	7.957				
1146-65-2	Naphthalene-d8	265912	10.754				
15067-26-2	Acenaphthene-d10	208141	14.578				
1517-22-2	Phenanthrene-d10	484460	17.321				
1719-03-5	Chrysene-d12	462865	21.563				
1520-96-3	Perylene-d12	548451	24.652				
TENTATIVE IDENTIFIED COMPOUNDS							
000939-27-5	Naphthalene, 2-ethyl-	630	J			13.609	
000581-42-0	Naphthalene, 2,6-dimethyl-	530	J			13.744	
000581-40-8	Naphthalene, 2,3-dimethyl-	810	J			13.902	
000571-58-4	Naphthalene, 1,4-dimethyl-	340	J			14.137	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	320	J			15.054	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	310	J			15.195	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	220	J			15.248	
002131-41-1	Naphthalene, 1,4,5-trimethyl-	270	J			15.365	
000954-21-2	Nordiphenamid	320	J			15.788	
001855-47-6	1-Isopropenylnaphthalene	310	J			15.835	
000101-81-5	Diphenylmethane	310	J			15.876	
007320-53-8	Dibenzofuran, 4-methyl-	400	J			15.917	
014562-09-5	2,4,6-Cycloheptatrien-1-one, 2-phe (DEL) Alkane: Straight-Chain16.323	460 130	J J			16.064 16.323	
001430-97-3	9H-Fluorene, 2-methyl-	430	J			16.622	
000132-65-0	Dibenzothiophene	580	J			17.133	
007372-88-5	Dibenzothiophene, 4-methyl-	260	J			17.897	

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:	E0AE9	SDG No.:	BG081524
Lab Sample ID:	P3481-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Injection Volume :		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062409.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000613-12-7	Anthracene, 2-methyl-	1000	J			18.191	
000832-69-9	Phenanthrene, 1-methyl-	1100	J			18.244	
002531-84-2	Phenanthrene, 2-methyl-	580	J			18.32	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1800	J			18.384	
000832-71-3	Phenanthrene, 3-methyl-	570	J			18.42	
000612-94-2	Naphthalene, 2-phenyl-	540	J			18.69	
000781-43-1	9,10-Dimethylantracene	770	J			19.107	
006543-29-9	Indeno[2,1-a]indene, 5,10-dihydro-	370	J			19.172	
006566-19-4	10,18-Bisnorabieta-5,7,9(10),11,13	210	J			19.43	
	unknown-01	290	J			19.518	
000243-17-4	11H-Benzo[b]fluorene	320	J			20.217	
000238-84-6	11H-Benzo[a]fluorene	270	J			20.317	
000192-97-2	Benzo[e]pyrene	460	J			23.918	
000205-82-3	Benzo[j]fluoranthene	390	J			24.365	
E966796	Total Alkanes	130				99	ug/Kg

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:	E0AE7	SDG No.:	BG081524
Lab Sample ID:	P3481-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062410.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	39	U	39	9.6	97	ug/Kg
100-52-7	Benzaldehyde	84	U	84	120	480	ug/Kg
110-86-1	Pyridine	110	U	110	240	480	ug/Kg
108-95-2	Phenol	44	U	44	120	480	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	120	480	ug/Kg
95-57-8	2-Chlorophenol	41	U	41	61.8	250	ug/Kg
95-48-7	2-Methylphenol	45	U	45	120	480	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	58	U	58	120	480	ug/Kg
98-86-2	Acetophenone	96	U	96	120	480	ug/Kg
106-44-5	4-Methylphenol	77	U	77	120	480	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	61.8	250	ug/Kg
67-72-1	Hexachloroethane	89	U	89	61.8	250	ug/Kg
98-95-3	Nitrobenzene	93	U	93	61.8	250	ug/Kg
78-59-1	Isophorone	96	U	96	61.8	250	ug/Kg
88-75-5	2-Nitrophenol	87	U	87	61.8	250	ug/Kg
105-67-9	2,4-Dimethylphenol	47	U	47	61.8	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	65	U	65	61.8	250	ug/Kg
120-83-2	2,4-Dichlorophenol	55	U	55	61.8	250	ug/Kg
91-20-3	Naphthalene	35	U	35	61.8	250	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	61.8	480	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	61.8	250	ug/Kg
105-60-2	Caprolactam	93	U	93	120	480	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	61.8	250	ug/Kg
90-12-0	1-Methylnaphthalene	35	U	35	61.8	250	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	61.8	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	480	ug/Kg
88-06-2	2,4,6-Trichlorophenol	35	U	35	61.8	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	61.8	250	ug/Kg

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:	E0AE7	SDG No.:	BG081524
Lab Sample ID:	P3481-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BG062410.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	38	U	38	61.8	250	ug/Kg
91-58-7	2-Chloronaphthalene	48	U	48	61.8	250	ug/Kg
88-74-4	2-Nitroaniline	65	U	65	61.8	250	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	61.8	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	61.8	250	ug/Kg
208-96-8	Acenaphthylene	42	U	42	61.8	250	ug/Kg
99-09-2	3-Nitroaniline	96	U	96	120	480	ug/Kg
83-32-9	Acenaphthene	38	U	38	61.8	250	ug/Kg
51-28-5	2,4-Dinitrophenol	190	U	190	120	480	ug/Kg
100-02-7	4-Nitrophenol	64	U	64	120	480	ug/Kg
132-64-9	Dibenzofuran	39	U	39	61.8	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	61.8	250	ug/Kg
84-66-2	Diethylphthalate	48	U	48	61.8	250	ug/Kg
86-73-7	Fluorene	39	U	39	61.8	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29	U	29	61.8	250	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	120	480	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	55	U	55	120	480	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35	U	35	61.8	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	49	U	49	61.8	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	61.8	250	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	61.8	250	ug/Kg
1912-24-9	Atrazine	41	U	41	120	480	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	120	480	ug/Kg
85-01-8	Phenanthrene	49	J	39	61.8	250	ug/Kg
608-93-5	Pentachlorobenzene	54	U	54	61.8	250	ug/Kg
120-12-7	Anthracene	36	U	36	61.8	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	25	U	25	61.8	250	ug/Kg
86-74-8	Carbazole	49	U	49	120	480	ug/Kg
84-74-2	Di-n-butylphthalate	39	U	39	61.8	250	ug/Kg
206-44-0	Fluoranthene	150	J	28	120	250	ug/Kg

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:	E0AE7	SDG No.:	BG081524
Lab Sample ID:	P3481-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062410.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	J	26	61.8	250	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	61.8	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	76	U	76	120	480	ug/Kg
56-55-3	Benzo(a)anthracene	98	J	33	61.8	250	ug/Kg
218-01-9	Chrysene	95	J	35	61.8	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	36	U	36	61.8	250	ug/Kg
117-84-0	Di-n-octyl phthalate	70	U	70	120	480	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	54	61.8	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	55	U	55	61.8	250	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	45	61.8	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41	U	41	61.8	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38	U	38	61.8	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	72	J	47	61.8	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	61.8	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.439		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	8.327		20-120		21	SPK: -40
4165-62-2	Phenol-d5	15.11		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.122		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.449		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	14.82		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	17.723		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.947		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.712		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.91		1-145		15	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.107		10-145		40	SPK: -40
93951-97-4	Acenaphthylene-d8	16.048		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.291		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	16.473		20-140		41	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:	E0AE7	SDG No.:	BG081524
Lab Sample ID:	P3481-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	31.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 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
BG062410.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.868		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	15.531		10-150		39	SPK: -40
1718-52-1	Pyrene-d10	17.646		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.139		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65426	7.959				
1146-65-2	Naphthalene-d8	306570	10.749				
15067-26-2	Acenaphthene-d10	229629	14.579				
1517-22-2	Phenanthrene-d10	527097	17.316				
1719-03-5	Chrysene-d12	509089	21.558				
1520-96-3	Perylene-d12	592444	24.648				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	140	J			11.483	
000057-10-3	n-Hexadecanoic acid	230	J			18.215	
001330-86-5	Diisooctyl adipate	140	J			20.694	
	(DEL) Alkane: Straight-Chain	21.229	J			21.229	
E966796	Total Alkanes	110				99	ug/Kg

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:	E0AE4	SDG No.:	BG081524
Lab Sample ID:	P3481-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062411.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	37	U	37	9.1	92	ug/Kg
100-52-7	Benzaldehyde	80	U	80	110	460	ug/Kg
110-86-1	Pyridine	110	U	110	230	460	ug/Kg
108-95-2	Phenol	42	U	42	110	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	110	460	ug/Kg
95-57-8	2-Chlorophenol	39	U	39	58.9	240	ug/Kg
95-48-7	2-Methylphenol	43	U	43	110	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	55	U	55	110	460	ug/Kg
98-86-2	Acetophenone	91	U	91	110	460	ug/Kg
106-44-5	4-Methylphenol	73	U	73	110	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	58.9	240	ug/Kg
67-72-1	Hexachloroethane	84	U	84	58.9	240	ug/Kg
98-95-3	Nitrobenzene	89	U	89	58.9	240	ug/Kg
78-59-1	Isophorone	91	U	91	58.9	240	ug/Kg
88-75-5	2-Nitrophenol	83	U	83	58.9	240	ug/Kg
105-67-9	2,4-Dimethylphenol	44	U	44	58.9	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	62	U	62	58.9	240	ug/Kg
120-83-2	2,4-Dichlorophenol	53	U	53	58.9	240	ug/Kg
91-20-3	Naphthalene	33	U	33	58.9	240	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	58.9	460	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	58.9	240	ug/Kg
105-60-2	Caprolactam	89	U	89	110	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	58.9	240	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	58.9	240	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	58.9	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	33	U	33	58.9	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	58.9	240	ug/Kg

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:	E0AE4	SDG No.:	BG081524
Lab Sample ID:	P3481-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062411.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	36	U	36	58.9	240	ug/Kg
91-58-7	2-Chloronaphthalene	46	U	46	58.9	240	ug/Kg
88-74-4	2-Nitroaniline	62	U	62	58.9	240	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	58.9	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	58.9	240	ug/Kg
208-96-8	Acenaphthylene	40	U	40	58.9	240	ug/Kg
99-09-2	3-Nitroaniline	91	U	91	110	460	ug/Kg
83-32-9	Acenaphthene	36	U	36	58.9	240	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	110	460	ug/Kg
100-02-7	4-Nitrophenol	61	U	61	110	460	ug/Kg
132-64-9	Dibenzofuran	37	U	37	58.9	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	58.9	240	ug/Kg
84-66-2	Diethylphthalate	46	U	46	58.9	240	ug/Kg
86-73-7	Fluorene	37	U	37	58.9	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	58.9	240	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	110	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	53	U	53	110	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	58.9	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	47	58.9	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	58.9	240	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	58.9	240	ug/Kg
1912-24-9	Atrazine	39	U	39	110	460	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	460	ug/Kg
85-01-8	Phenanthrene	37	U	37	58.9	240	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	58.9	240	ug/Kg
120-12-7	Anthracene	35	U	35	58.9	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	24	U	24	58.9	240	ug/Kg
86-74-8	Carbazole	47	U	47	110	460	ug/Kg
84-74-2	Di-n-butylphthalate	37	U	37	58.9	240	ug/Kg
206-44-0	Fluoranthene	26	U	26	110	240	ug/Kg

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:	E0AE4	SDG No.:	BG081524
Lab Sample ID:	P3481-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.8
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BG062411.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	25	U	25	58.9	240	ug/Kg
85-68-7	Butylbenzylphthalate	30	U	30	58.9	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72	U	72	110	460	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	58.9	240	ug/Kg
218-01-9	Chrysene	33	U	33	58.9	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	35	U	35	58.9	240	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	110	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	58.9	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	58.9	240	ug/Kg
50-32-8	Benzo(a)pyrene	43	U	43	58.9	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	58.9	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	58.9	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	58.9	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	50	58.9	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.958		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	12.621		20-120		32	SPK: -40
4165-62-2	Phenol-d5	18.643		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.259		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.62		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	18.26		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	24.091		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.385		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.411		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.791		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.213		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	20.771		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.372		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	20.761		20-140		52	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:	E0AE4	SDG No.:	BG081524
Lab Sample ID:	P3481-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.8
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062411.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.678		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	20.396		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	21.407		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.616		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77174	7.954				
1146-65-2	Naphthalene-d8	340573	10.751				
15067-26-2	Acenaphthene-d10	236242	14.575				
1517-22-2	Phenanthrene-d10	556705	17.318				
1719-03-5	Chrysene-d12	611690	21.554				
1520-96-3	Perylene-d12	690466	24.65				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	170	J			3.678	
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.485	
000057-10-3	n-Hexadecanoic acid	150	J			18.211	
000103-23-1	Hexanedioic acid, bis(2-ethylhexyl	130	J			20.696	
077899-03-7	1-Heneicosyl formate	140	J			21.225	
E966796	Total Alkanes	36	U			99	ug/Kg

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:	E0AE4MS	SDG No.:	BG081524
Lab Sample ID:	P3481-09MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.8
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 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
BG062412.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	500		37	9.1	92	ug/Kg
100-52-7	Benzaldehyde	1700		80	110	460	ug/Kg
110-86-1	Pyridine	1300		110	230	460	ug/Kg
108-95-2	Phenol	1600		42	110	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1600		40	110	460	ug/Kg
95-57-8	2-Chlorophenol	1700		39	58.8	240	ug/Kg
95-48-7	2-Methylphenol	1400		43	110	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		55	110	460	ug/Kg
98-86-2	Acetophenone	1500		91	110	460	ug/Kg
106-44-5	4-Methylphenol	1400		73	110	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1500		110	58.8	240	ug/Kg
67-72-1	Hexachloroethane	1700		84	58.8	240	ug/Kg
98-95-3	Nitrobenzene	1800		89	58.8	240	ug/Kg
78-59-1	Isophorone	1500		91	58.8	240	ug/Kg
88-75-5	2-Nitrophenol	2100		83	58.8	240	ug/Kg
105-67-9	2,4-Dimethylphenol	540		44	58.8	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1600		62	58.8	240	ug/Kg
120-83-2	2,4-Dichlorophenol	1700		53	58.8	240	ug/Kg
91-20-3	Naphthalene	1600		33	58.8	240	ug/Kg
106-47-8	4-Chloroaniline	1200		50	58.8	460	ug/Kg
87-68-3	Hexachlorobutadiene	1600		48	58.8	240	ug/Kg
105-60-2	Caprolactam	1400		89	110	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		57	58.8	240	ug/Kg
90-12-0	1-Methylnaphthalene	1500		33	58.8	240	ug/Kg
91-57-6	2-Methylnaphthalene	1600		44	58.8	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1300		130	110	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1800		33	58.8	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1900		46	58.8	240	ug/Kg

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:	E0AE4MS	SDG No.:	BG081524
Lab Sample ID:	P3481-09MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.8
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 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
BG062412.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1600		36	58.8	240	ug/Kg
91-58-7	2-Chloronaphthalene	1600		46	58.8	240	ug/Kg
88-74-4	2-Nitroaniline	2100		62	58.8	240	ug/Kg
131-11-3	Dimethylphthalate	1500		42	58.8	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	2100		28	58.8	240	ug/Kg
208-96-8	Acenaphthylene	1600		40	58.8	240	ug/Kg
99-09-2	3-Nitroaniline	1700		91	110	460	ug/Kg
83-32-9	Acenaphthene	1500		36	58.8	240	ug/Kg
51-28-5	2,4-Dinitrophenol	1900		180	110	460	ug/Kg
100-02-7	4-Nitrophenol	1700		61	110	460	ug/Kg
132-64-9	Dibenzofuran	1600		37	58.8	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		48	58.8	240	ug/Kg
84-66-2	Diethylphthalate	1500		46	58.8	240	ug/Kg
86-73-7	Fluorene	1500		37	58.8	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1500		28	58.8	240	ug/Kg
100-01-6	4-Nitroaniline	1700		33	110	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		53	110	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600		33	58.8	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1700		47	58.8	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700		36	58.8	240	ug/Kg
118-74-1	Hexachlorobenzene	1600		39	58.8	240	ug/Kg
1912-24-9	Atrazine	1300		39	110	460	ug/Kg
87-86-5	Pentachlorophenol	1800		120	110	460	ug/Kg
85-01-8	Phenanthrene	1600		37	58.8	240	ug/Kg
608-93-5	Pentachlorobenzene	1600		51	58.8	240	ug/Kg
120-12-7	Anthracene	1500		35	58.8	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1800		24	58.8	240	ug/Kg
86-74-8	Carbazole	1500		47	110	460	ug/Kg
84-74-2	Di-n-butylphthalate	1600		37	58.8	240	ug/Kg
206-44-0	Fluoranthene	1700		26	110	240	ug/Kg

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:	E0AE4MS	SDG No.:	BG081524
Lab Sample ID:	P3481-09MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.8
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 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
BG062412.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600		25	58.8	240	ug/Kg
85-68-7	Butylbenzylphthalate	1800		30	58.8	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		72	110	460	ug/Kg
56-55-3	Benzo(a)anthracene	1600		32	58.8	240	ug/Kg
218-01-9	Chrysene	1600		33	58.8	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800		35	58.8	240	ug/Kg
117-84-0	Di-n-octyl phthalate	1800		66	110	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		51	58.8	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		53	58.8	240	ug/Kg
50-32-8	Benzo(a)pyrene	1600		43	58.8	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1700		39	58.8	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		36	58.8	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700		44	58.8	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		50	58.8	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.052		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	10.497		20-120		26	SPK: -40
4165-62-2	Phenol-d5	21.258		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.215		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.452		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	19.402		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	27.046		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.747		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.757		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.049		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.209		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.985		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.104		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	22.393		20-140		56	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:	E0AE4MS	SDG No.:	BG081524
Lab Sample ID:	P3481-09MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.8
Sample Wt/Vol:	30.01 Units: g	Final Vol:	500 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
BG062412.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.899		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	22.543		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	23.829		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.556		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76215	7.958				
1146-65-2	Naphthalene-d8	353380	10.754				
15067-26-2	Acenaphthene-d10	258188	14.578				
1517-22-2	Phenanthrene-d10	561379	17.316				
1719-03-5	Chrysene-d12	546073	21.563				
1520-96-3	Perylene-d12	611550	24.653				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	36	U			99	ug/Kg

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:	E0AE4MSD	SDG No.:	BG081524
Lab Sample ID:	P3481-10MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.8
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			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
BG062413.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	510		37	9.1	92	ug/Kg
100-52-7	Benzaldehyde	1600		80	110	460	ug/Kg
110-86-1	Pyridine	1200		110	230	460	ug/Kg
108-95-2	Phenol	1400		42	110	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		40	110	460	ug/Kg
95-57-8	2-Chlorophenol	1600		39	58.8	240	ug/Kg
95-48-7	2-Methylphenol	1300		43	110	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		55	110	460	ug/Kg
98-86-2	Acetophenone	1300		91	110	460	ug/Kg
106-44-5	4-Methylphenol	1300		73	110	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300		110	58.8	240	ug/Kg
67-72-1	Hexachloroethane	1600		84	58.8	240	ug/Kg
98-95-3	Nitrobenzene	1800		89	58.8	240	ug/Kg
78-59-1	Isophorone	1400		91	58.8	240	ug/Kg
88-75-5	2-Nitrophenol	2100		83	58.8	240	ug/Kg
105-67-9	2,4-Dimethylphenol	490		44	58.8	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1500		62	58.8	240	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		53	58.8	240	ug/Kg
91-20-3	Naphthalene	1500		33	58.8	240	ug/Kg
106-47-8	4-Chloroaniline	1100		50	58.8	460	ug/Kg
87-68-3	Hexachlorobutadiene	1600		48	58.8	240	ug/Kg
105-60-2	Caprolactam	1400		89	110	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		57	58.8	240	ug/Kg
90-12-0	1-Methylnaphthalene	1500		33	58.8	240	ug/Kg
91-57-6	2-Methylnaphthalene	1500		44	58.8	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1200		130	110	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		33	58.8	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		46	58.8	240	ug/Kg

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:	E0AE4MSD	SDG No.:	BG081524
Lab Sample ID:	P3481-10MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 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
BG062413.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1500		36	58.8	240	ug/Kg
91-58-7	2-Chloronaphthalene	1500		46	58.8	240	ug/Kg
88-74-4	2-Nitroaniline	2000		62	58.8	240	ug/Kg
131-11-3	Dimethylphthalate	1400		42	58.8	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	2000		28	58.8	240	ug/Kg
208-96-8	Acenaphthylene	1500		40	58.8	240	ug/Kg
99-09-2	3-Nitroaniline	1700		91	110	460	ug/Kg
83-32-9	Acenaphthene	1400		36	58.8	240	ug/Kg
51-28-5	2,4-Dinitrophenol	1900		180	110	460	ug/Kg
100-02-7	4-Nitrophenol	1600		61	110	460	ug/Kg
132-64-9	Dibenzofuran	1500		37	58.8	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	1900		48	58.8	240	ug/Kg
84-66-2	Diethylphthalate	1400		46	58.8	240	ug/Kg
86-73-7	Fluorene	1400		37	58.8	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		28	58.8	240	ug/Kg
100-01-6	4-Nitroaniline	1600		33	110	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		53	110	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500		33	58.8	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		47	58.8	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600		36	58.8	240	ug/Kg
118-74-1	Hexachlorobenzene	1500		39	58.8	240	ug/Kg
1912-24-9	Atrazine	1200		39	110	460	ug/Kg
87-86-5	Pentachlorophenol	1700		120	110	460	ug/Kg
85-01-8	Phenanthrene	1500		37	58.8	240	ug/Kg
608-93-5	Pentachlorobenzene	1500		51	58.8	240	ug/Kg
120-12-7	Anthracene	1400		35	58.8	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1600		24	58.8	240	ug/Kg
86-74-8	Carbazole	1500		47	110	460	ug/Kg
84-74-2	Di-n-butylphthalate	1500		37	58.8	240	ug/Kg
206-44-0	Fluoranthene	1600		26	110	240	ug/Kg

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:	E0AE4MSD	SDG No.:	BG081524
Lab Sample ID:	P3481-10MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 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
BG062413.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		25	58.8	240	ug/Kg
85-68-7	Butylbenzylphthalate	1700		30	58.8	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1400		72	110	460	ug/Kg
56-55-3	Benzo(a)anthracene	1500		32	58.8	240	ug/Kg
218-01-9	Chrysene	1500		33	58.8	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1700		35	58.8	240	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		66	110	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600		51	58.8	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		53	58.8	240	ug/Kg
50-32-8	Benzo(a)pyrene	1500		43	58.8	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		39	58.8	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		36	58.8	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		44	58.8	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1700		50	58.8	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.294		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	10.34		20-120		26	SPK: -40
4165-62-2	Phenol-d5	19.099		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.3		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.908		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	17.144		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	25.864		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.754		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.977		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.689		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.712		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.994		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.215		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	21.412		20-140		54	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:	E0AE4MSD	SDG No.:	BG081524
Lab Sample ID:	P3481-10MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.8
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 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
BG062413.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.916		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	21.348		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	22.302		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.715		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85213	7.955				
1146-65-2	Naphthalene-d8	369019	10.751				
15067-26-2	Acenaphthene-d10	283351	14.575				
1517-22-2	Phenanthrene-d10	632914	17.319				
1719-03-5	Chrysene-d12	631296	21.56				
1520-96-3	Perylene-d12	692459	24.656				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	36	U			99	ug/Kg

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:	E0AF2	SDG No.:	BG081524
Lab Sample ID:	P3481-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			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
BG062414.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	8.2	83	ug/Kg
100-52-7	Benzaldehyde	72	U	72	100	410	ug/Kg
110-86-1	Pyridine	96	U	96	210	410	ug/Kg
108-95-2	Phenol	37	U	37	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	36	U	36	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	52.9	210	ug/Kg
95-48-7	2-Methylphenol	39	U	39	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	50	U	50	100	410	ug/Kg
98-86-2	Acetophenone	130	J	82	100	410	ug/Kg
106-44-5	4-Methylphenol	66	U	66	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	98	U	98	52.9	210	ug/Kg
67-72-1	Hexachloroethane	76	U	76	52.9	210	ug/Kg
98-95-3	Nitrobenzene	80	U	80	52.9	210	ug/Kg
78-59-1	Isophorone	82	U	82	52.9	210	ug/Kg
88-75-5	2-Nitrophenol	75	U	75	52.9	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	52.9	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	52.9	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.9	210	ug/Kg
91-20-3	Naphthalene	62	J	30	52.9	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	52.9	410	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	52.9	210	ug/Kg
105-60-2	Caprolactam	80	U	80	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	52.9	210	ug/Kg
90-12-0	1-Methylnaphthalene	140	J	30	52.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	52.9	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	52.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	52.9	210	ug/Kg

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:	E0AF2	SDG No.:	BG081524
Lab Sample ID:	P3481-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062414.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	110	J	32	52.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	52.9	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	52.9	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.9	210	ug/Kg
208-96-8	Acenaphthylene	150	J	36	52.9	210	ug/Kg
99-09-2	3-Nitroaniline	82	U	82	100	410	ug/Kg
83-32-9	Acenaphthene	520		32	52.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	290		34	52.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	52.9	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	52.9	210	ug/Kg
86-73-7	Fluorene	440		34	52.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.9	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	52.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.9	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.9	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	52.9	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	1800		34	52.9	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	52.9	210	ug/Kg
120-12-7	Anthracene	740		31	52.9	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.9	210	ug/Kg
86-74-8	Carbazole	92	J	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	52.9	210	ug/Kg
206-44-0	Fluoranthene	2300		24	100	210	ug/Kg

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:	E0AF2	SDG No.:	BG081524
Lab Sample ID:	P3481-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062414.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600		22	52.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	120	J	27	52.9	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	930		29	52.9	210	ug/Kg
218-01-9	Chrysene	850		30	52.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	52.9	210	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	60	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	950		46	52.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	340		47	52.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	520		39	52.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	300		35	52.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	32	52.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	51	J	40	52.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	52.9	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.185		15-120		27	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	14.295		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.489		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.352		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	13.551		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	18.523		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.274		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.762		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.581		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.117		10-145		38	SPK: -40
93951-97-4	Acenaphthylene-d8	15.437		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.217		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	15.89		20-140		40	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:	E0AF2	SDG No.:	BG081524
Lab Sample ID:	P3481-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BG062414.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.262		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	15.836		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	15.515		10-130		39	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.145		10-140		30	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69428	7.957				
1146-65-2	Naphthalene-d8	302446	10.754				
15067-26-2	Acenaphthene-d10	232005	14.578				
1517-22-2	Phenanthrene-d10	525242	17.315				
1719-03-5	Chrysene-d12	513243	21.563				
1520-96-3	Perylene-d12	606064	24.647				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.488	
000581-42-0	Naphthalene, 2,6-dimethyl-	96	J			13.744	
000581-40-8	Naphthalene, 2,3-dimethyl-	210	J			13.902	
000573-98-8	Naphthalene, 1,2-dimethyl-	98	J			14.137	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	95	J			15.048	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	130	J			15.189	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	90	J			15.365	
	unknown-01	92	J			15.835	
003218-36-8	[1,1-Biphenyl]-4-carboxaldehyde	170	J			15.917	
000229-95-8	6H-Dibenzo[b,d]-pyran	230	J			16.064	
001430-97-3	9H-Fluorene, 2-methyl-	130	J			16.622	
000132-65-0	Dibenzothiophene	210	J			17.133	
000260-94-6	Acridine	120	J			17.503	
000262-89-5	Dibenzo[a,e]cyclooctene	84	J			17.832	
000613-12-7	Anthracene, 2-methyl-	310	J			18.191	
002531-84-2	Phenanthrene, 2-methyl-	330	J			18.238	
000832-71-3	Phenanthrene, 3-methyl-	190	J			18.32	

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:	E0AF2	SDG No.:	BG081524
Lab Sample ID:	P3481-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062414.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000203-64-5	4H-Cyclopenta[def]phenanthrene	620	J			18.384	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	140	J			18.42	
000612-94-2	Naphthalene, 2-phenyl-	270	J			18.69	
003674-66-6	Phenanthrene, 2,5-dimethyl-	250	J			19.101	
034373-96-1	9,10-Bis(bromomethyl)anthracene	120	J			19.166	
000781-43-1	9,10-Dimethylanthracene	170	J			19.242	
	unknown-02	120	J			19.512	
002381-21-7	Pyrene, 1-methyl-	98	J			20.047	
033543-31-6	Fluoranthene, 2-methyl-	190	J			20.217	
000238-84-6	11H-Benzo[a]fluorene	110	J			20.317	
027208-37-3	Cyclopenta[cd]pyrene	110	J			21.234	
000192-97-2	Benzo[e]pyrene	210	J			23.918	
000205-82-3	Benzo[j]fluoranthene	200	J			24.365	
E966796	Total Alkanes	32	U			99	ug/Kg

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:	E0AF0	SDG No.:	BG081524
Lab Sample ID:	P3481-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062415.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	41	U	41	10.1	100	ug/Kg
100-52-7	Benzaldehyde	89	U	89	130	500	ug/Kg
110-86-1	Pyridine	120	U	120	250	500	ug/Kg
108-95-2	Phenol	46	U	46	130	500	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	130	500	ug/Kg
95-57-8	2-Chlorophenol	43	U	43	65	260	ug/Kg
95-48-7	2-Methylphenol	47	U	47	130	500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61	U	61	130	500	ug/Kg
98-86-2	Acetophenone	100	U	100	130	500	ug/Kg
106-44-5	4-Methylphenol	81	U	81	130	500	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	65	260	ug/Kg
67-72-1	Hexachloroethane	93	U	93	65	260	ug/Kg
98-95-3	Nitrobenzene	98	U	98	65	260	ug/Kg
78-59-1	Isophorone	100	U	100	65	260	ug/Kg
88-75-5	2-Nitrophenol	92	U	92	65	260	ug/Kg
105-67-9	2,4-Dimethylphenol	49	U	49	65	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	69	U	69	65	260	ug/Kg
120-83-2	2,4-Dichlorophenol	58	U	58	65	260	ug/Kg
91-20-3	Naphthalene	37	U	37	65	260	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	65	500	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	65	260	ug/Kg
105-60-2	Caprolactam	98	U	98	130	500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	63	U	63	65	260	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	65	260	ug/Kg
91-57-6	2-Methylnaphthalene	49	U	49	65	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	37	U	37	65	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	65	260	ug/Kg

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:	E0AF0	SDG No.:	BG081524
Lab Sample ID:	P3481-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062415.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	40	U	40	65	260	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	65	260	ug/Kg
88-74-4	2-Nitroaniline	69	U	69	65	260	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	65	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	65	260	ug/Kg
208-96-8	Acenaphthylene	44	U	44	65	260	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	130	500	ug/Kg
83-32-9	Acenaphthene	40	U	40	65	260	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	130	500	ug/Kg
100-02-7	4-Nitrophenol	67	U	67	130	500	ug/Kg
132-64-9	Dibenzofuran	41	U	41	65	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	65	260	ug/Kg
84-66-2	Diethylphthalate	50	U	50	65	260	ug/Kg
86-73-7	Fluorene	41	U	41	65	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31	U	31	65	260	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	130	500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	58	U	58	130	500	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	65	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	65	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	40	U	40	65	260	ug/Kg
118-74-1	Hexachlorobenzene	43	U	43	65	260	ug/Kg
1912-24-9	Atrazine	43	U	43	130	500	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	130	500	ug/Kg
85-01-8	Phenanthrene	41	U	41	65	260	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	65	260	ug/Kg
120-12-7	Anthracene	38	U	38	65	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	26	U	26	65	260	ug/Kg
86-74-8	Carbazole	52	U	52	130	500	ug/Kg
84-74-2	Di-n-butylphthalate	41	U	41	65	260	ug/Kg
206-44-0	Fluoranthene	29	U	29	130	260	ug/Kg

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:	E0AF0	SDG No.:	BG081524
Lab Sample ID:	P3481-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062415.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	28	U	28	65	260	ug/Kg
85-68-7	Butylbenzylphthalate	34	U	34	65	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	80	U	80	130	500	ug/Kg
56-55-3	Benzo(a)anthracene	35	U	35	65	260	ug/Kg
218-01-9	Chrysene	37	U	37	65	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	38	U	38	65	260	ug/Kg
117-84-0	Di-n-octyl phthalate	73	U	73	130	500	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	65	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	65	260	ug/Kg
50-32-8	Benzo(a)pyrene	47	U	47	65	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	65	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	U	40	65	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49	U	49	65	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55	U	55	65	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.103		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	10.57		20-120		26	SPK: -40
4165-62-2	Phenol-d5	20.492		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.13		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.305		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	19.999		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	26.524		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.85		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.761		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.513		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.531		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.44		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.451		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	22.374		20-140		56	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:	E0AF0	SDG No.:	BG081524
Lab Sample ID:	P3481-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062415.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.381		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	22.918		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	24.71		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.584		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83848	7.962				
1146-65-2	Naphthalene-d8	356728	10.752				
15067-26-2	Acenaphthene-d10	258369	14.576				
1517-22-2	Phenanthrene-d10	545054	17.314				
1719-03-5	Chrysene-d12	531664	21.555				
1520-96-3	Perylene-d12	622312	24.651				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	180	J			3.691	
000770-35-4	1-Phenoxypropan-2-ol	230	J			11.48	
000057-10-3	n-Hexadecanoic acid	680	J			18.218	
000057-11-4	Octadecanoic acid	420	J			19.487	
015594-90-8	1-Heneicosanol	330	J			21.226	
E966796	Total Alkanes	40	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT6	SDG No.:	BG081524
Lab Sample ID:	P3502-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062416.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.3	74	ug/Kg
100-52-7	Benzaldehyde	64	U	64	91.7	370	ug/Kg
110-86-1	Pyridine	86	U	86	180	370	ug/Kg
108-95-2	Phenol	33	U	33	91.7	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	91.7	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.2	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	91.7	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	91.7	370	ug/Kg
98-86-2	Acetophenone	73	U	73	91.7	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	91.7	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	47.2	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.2	190	ug/Kg
98-95-3	Nitrobenzene	71	U	71	47.2	190	ug/Kg
78-59-1	Isophorone	73	U	73	47.2	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	47.2	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.2	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.2	190	ug/Kg
105-60-2	Caprolactam	71	U	71	91.7	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	91.7	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT6	SDG No.:	BG081524
Lab Sample ID:	P3502-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062416.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.2	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47.2	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.2	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47.2	190	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	91.7	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	91.7	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.7	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.2	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.2	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.2	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	91.7	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	91.7	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.2	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.2	190	ug/Kg
1912-24-9	Atrazine	31	U	31	91.7	370	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	91.7	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.2	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.2	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.2	190	ug/Kg
86-74-8	Carbazole	38	U	38	91.7	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.2	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	91.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT6	SDG No.:	BG081524
Lab Sample ID:	P3502-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062416.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	47.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	91.7	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	47.2	190	ug/Kg
218-01-9	Chrysene	27	U	27	47.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	91.7	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	47.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	47.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	47.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.929	*	15-120		12	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	6.38		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	5.919		10-150		15	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.686		15-120		17	SPK: -40
190780-66-6	4-Methylphenol-d8	4.788		10-140		12	SPK: -40
4165-60-0	Nitrobenzene-d5	7.826		10-135		20	SPK: -40
93951-78-1	2-Nitrophenol-d4	8.284		10-120		21	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.408		10-140		19	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.996		1-145		7	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.184		10-145		18	SPK: -40
93951-97-4	Acenaphthylene-d8	6.831		15-120		17	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.982		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	7.346	*	20-140		18	SPK: -40

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT6	SDG No.:	BG081524
Lab Sample ID:	P3502-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062416.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.161		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	6.804		10-150		17	SPK: -40
1718-52-1	Pyrene-d10	6.899		10-130		17	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	5.054		10-140		13	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63777	7.96				
1146-65-2	Naphthalene-d8	278629	10.75				
15067-26-2	Acenaphthene-d10	219483	14.575				
1517-22-2	Phenanthrene-d10	517501	17.318				
1719-03-5	Chrysene-d12	507510	21.559				
1520-96-3	Perylene-d12	592550	24.643				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	190	J			18.211	
002107-69-9	5,6-Dimethoxy-1-indanone	100	J			19.121	
000057-11-4	Octadecanoic acid	87	J			19.485	
001740-19-8	Dehydroabietic acid	84	J			21.195	
077899-03-7	(DEL) Alkane: Straight-Chain21.230	140	J			21.23	
	1-Heneicosyl formate	160	J			22.382	
	(DEL) Alkane: Straight-Chain23.809	170	J			23.809	
	(DEL) Alkane: Straight-Chain25.806	240	J			25.806	
	(DEL) Alkane: Cyclic25.924	96	J			25.924	
	unknown-01	170	J			27.087	
	(DEL) Alkane: Straight-Chain28.673	140	J			28.673	
029365-29-5	(3S,8S,9S,10R,13R,14S,17R)-17-((2R	180	J			29.754	
E966796	Total Alkanes	790				99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT7	SDG No.:	BG081524
Lab Sample ID:	P3502-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062417.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.6	77	ug/Kg
100-52-7	Benzaldehyde	67	U	67	95	380	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
108-95-2	Phenol	35	U	35	95	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	95	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	95	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	95	380	ug/Kg
98-86-2	Acetophenone	76	U	76	95	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	95	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	49	200	ug/Kg
67-72-1	Hexachloroethane	70	U	70	49	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	49	200	ug/Kg
78-59-1	Isophorone	76	U	76	49	200	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	49	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49	200	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	49	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49	200	ug/Kg
105-60-2	Caprolactam	74	U	74	95	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	49	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT7	SDG No.:	BG081524
Lab Sample ID:	P3502-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062417.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49	200	ug/Kg
208-96-8	Acenaphthylene	33	U	33	49	200	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	95	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	95	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	49	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49	200	ug/Kg
86-73-7	Fluorene	31	U	31	49	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	95	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	95	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	49	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49	200	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	49	200	ug/Kg
1912-24-9	Atrazine	32	U	32	95	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	49	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49	200	ug/Kg
120-12-7	Anthracene	29	U	29	49	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49	200	ug/Kg
86-74-8	Carbazole	39	U	39	95	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	95	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT7	SDG No.:	BG081524
Lab Sample ID:	P3502-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062417.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	49	200	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	49	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	95	380	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	49	200	ug/Kg
218-01-9	Chrysene	28	U	28	49	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49	200	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	95	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	49	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	49	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.65		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	2.795	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	11.914		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.333		10-150		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.31		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	10.081		10-140		25	SPK: -40
4165-60-0	Nitrobenzene-d5	14.605		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.532		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.623		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.376		1-145		16	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.29		10-145		33	SPK: -40
93951-97-4	Acenaphthylene-d8	13.095		15-120		33	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.6		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	13.326		20-140		33	SPK: -40

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT7	SDG No.:	BG081524
Lab Sample ID:	P3502-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062417.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.852		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	12.377		10-150		31	SPK: -40
1718-52-1	Pyrene-d10	14.587		10-130		36	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.056		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85760	7.96				
1146-65-2	Naphthalene-d8	372298	10.751				
15067-26-2	Acenaphthene-d10	271704	14.575				
1517-22-2	Phenanthrene-d10	585487	17.318				
1719-03-5	Chrysene-d12	568299	21.56				
1520-96-3	Perylene-d12	652736	24.65				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.485	
000090-24-4	Xanthoxylin	110	J			16.191	
002416-20-8	Hexadecenoic acid, Z-11-	110	J			18.153	
000057-10-3	n-Hexadecanoic acid	430	J			18.217	
000057-11-4	Octadecanoic acid	96	J			19.486	
	(DEL) Alkane: Straight-Chain21.225	190	J			21.225	
	(DEL) Alkane: Straight-Chain22.376	240	J			22.376	
	(DEL) Alkane: Straight-Chain23.810	170	J			23.81	
	(DEL) Alkane: Cyclic23.863	120	J			23.863	
067860-04-2	Oxirane, heptadecyl-	130	J			25.214	
	(DEL) Alkane: Straight-Chain25.807	190	J			25.807	
006385-15-5	Heptafluorobutyric acid, hexadecyl	180	J			25.919	
000638-66-4	Octadecanal	130	J			27.857	
	(DEL) Alkane: Straight-Chain28.685	260	J			28.685	
000083-47-6	.gamma.-Sitosterol	380	J			29.749	
E966796	Total Alkanes	1200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT8	SDG No.:	BG081524
Lab Sample ID:	P3502-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062418.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.2	73	ug/Kg
100-52-7	Benzaldehyde	63	U	63	90.2	360	ug/Kg
110-86-1	Pyridine	84	U	84	180	360	ug/Kg
108-95-2	Phenol	33	U	33	90.2	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	90.2	360	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	46.4	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	90.2	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	90.2	360	ug/Kg
98-86-2	Acetophenone	72	U	72	90.2	360	ug/Kg
106-44-5	4-Methylphenol	58	U	58	90.2	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	86	U	86	46.4	190	ug/Kg
67-72-1	Hexachloroethane	67	U	67	46.4	190	ug/Kg
98-95-3	Nitrobenzene	70	U	70	46.4	190	ug/Kg
78-59-1	Isophorone	72	U	72	46.4	190	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	46.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	46.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	46.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	46.4	190	ug/Kg
91-20-3	Naphthalene	26	U	26	46.4	190	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	46.4	360	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	46.4	190	ug/Kg
105-60-2	Caprolactam	70	U	70	90.2	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	46.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	46.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	46.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	90.2	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	46.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	46.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT8	SDG No.:	BG081524
Lab Sample ID:	P3502-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062418.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	46.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	46.4	190	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	46.4	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	46.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	46.4	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	46.4	190	ug/Kg
99-09-2	3-Nitroaniline	72	U	72	90.2	360	ug/Kg
83-32-9	Acenaphthene	28	U	28	46.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	90.2	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.2	360	ug/Kg
132-64-9	Dibenzofuran	30	U	30	46.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	46.4	190	ug/Kg
84-66-2	Diethylphthalate	36	U	36	46.4	190	ug/Kg
86-73-7	Fluorene	30	U	30	46.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.4	190	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	90.2	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	90.2	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	46.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	46.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	46.4	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	46.4	190	ug/Kg
1912-24-9	Atrazine	31	U	31	90.2	360	ug/Kg
87-86-5	Pentachlorophenol	96	U	96	90.2	360	ug/Kg
85-01-8	Phenanthrene	30	U	30	46.4	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	46.4	190	ug/Kg
120-12-7	Anthracene	27	U	27	46.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	46.4	190	ug/Kg
86-74-8	Carbazole	37	U	37	90.2	360	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	46.4	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	90.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT8	SDG No.:	BG081524
Lab Sample ID:	P3502-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062418.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	46.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	46.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	90.2	360	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	46.4	190	ug/Kg
218-01-9	Chrysene	26	U	26	46.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	J	27	46.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	90.2	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	46.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	46.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	46.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	46.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	46.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	46.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0.958	*	15-120		12	SPK: -8
7291-22-7	Pyridine-d5	0.686	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	7.04		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.688		10-150		17	SPK: -40
93951-73-6	2-Chlorophenol-d4	7.333		15-120		18	SPK: -40
190780-66-6	4-Methylphenol-d8	5.529		10-140		14	SPK: -40
4165-60-0	Nitrobenzene-d5	8.688		10-135		22	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.233		10-120		23	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	7.706		10-140		19	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.577		1-145		9	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.248		10-145		18	SPK: -40
93951-97-4	Acenaphthylene-d8	7.785		15-120		19	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.983		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	8.019		20-140		20	SPK: -40

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT8	SDG No.:	BG081524
Lab Sample ID:	P3502-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062418.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.953		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	7.599		10-150		19	SPK: -40
1718-52-1	Pyrene-d10	8.176		10-130		20	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.315		10-140		16	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81613	7.957				
1146-65-2	Naphthalene-d8	376513	10.754				
15067-26-2	Acenaphthene-d10	284874	14.578				
1517-22-2	Phenanthrene-d10	626324	17.315				
1719-03-5	Chrysene-d12	617253	21.557				
1520-96-3	Perylene-d12	708932	24.647				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	160	J			18.214	
	(DEL) Alkane: Cyclic21.228	90	J			21.228	
	(DEL) Alkane: Straight-Chain22.367	88	J			22.367	
	(DEL) Alkane: Straight-Chain23.087	93	J			23.807	
	(DEL) Alkane: Straight-Chain25.804	100	J			25.804	
E966796	Total Alkanes	370				99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT9	SDG No.:	BG081524
Lab Sample ID:	P3502-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062419.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	74	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92	370	ug/Kg
110-86-1	Pyridine	86	U	86	180	370	ug/Kg
108-95-2	Phenol	33	U	33	92	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	92	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.4	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	92	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	47.4	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.4	190	ug/Kg
98-95-3	Nitrobenzene	71	U	71	47.4	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.4	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	47.4	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.4	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.4	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.4	190	ug/Kg
105-60-2	Caprolactam	71	U	71	92	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT9	SDG No.:	BG081524
Lab Sample ID:	P3502-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062419.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.4	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47.4	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.4	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47.4	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	92	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.4	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.4	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.4	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	92	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.4	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.4	190	ug/Kg
1912-24-9	Atrazine	31	U	31	92	370	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	92	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.4	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.4	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.4	190	ug/Kg
86-74-8	Carbazole	38	U	38	92	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.4	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	92	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT9	SDG No.:	BG081524
Lab Sample ID:	P3502-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062419.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	92	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	47.4	190	ug/Kg
218-01-9	Chrysene	27	U	27	47.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	47.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	47.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	47.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.412		15-120		18	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	9.428		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.868		10-150		22	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.993		15-120		25	SPK: -40
190780-66-6	4-Methylphenol-d8	6.147		10-140		15	SPK: -40
4165-60-0	Nitrobenzene-d5	11.456		10-135		29	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.147		10-120		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.068		10-140		28	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.096		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.53		10-145		26	SPK: -40
93951-97-4	Acenaphthylene-d8	10.407		15-120		26	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.272		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	10.851		20-140		27	SPK: -40

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT9	SDG No.:	BG081524
Lab Sample ID:	P3502-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062419.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.579		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	10.075		10-150		25	SPK: -40
1718-52-1	Pyrene-d10	10.753		10-130		27	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	8.266		10-140		21	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75773	7.955				
1146-65-2	Naphthalene-d8	349252	10.751				
15067-26-2	Acenaphthene-d10	269180	14.575				
1517-22-2	Phenanthrene-d10	582062	17.313				
1719-03-5	Chrysene-d12	574203	21.554				
1520-96-3	Perylene-d12	658857	24.65				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	81	J			11.486	
000057-10-3	n-Hexadecanoic acid	290	J			18.212	
000057-11-4	Octadecanoic acid	190	J			19.486	
	(DEL) Alkane: Cyclic21.225	200	J			21.225	
	(DEL) Alkane: Straight-Chain22.377	260	J			22.377	
	(DEL) Alkane: Straight-Chain23.804	260	J			23.804	
	(DEL) Alkane: Straight-Chain23.857	110	J			23.857	
	(DEL) Alkane: Straight-Chain25.807	280	J			25.807	
000557-61-9	Octacosanol	130	J			25.913	
003268-87-9	Octachlorodibenzo-p-dioxin	170	J			27.076	
	(DEL) Alkane: Straight-Chain28.674	170	J			28.674	
000083-47-6	.gamma.-Sitosterol	230	J			29.743	
E966796	Total Alkanes	1300				99	ug/Kg

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:	SBLK649	SDG No.:	BG081524
Lab Sample ID:	PB162649BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062421.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.5	330	ug/Kg
110-86-1	Pyridine	77	U	77	170	330	ug/Kg
108-95-2	Phenol	30	U	30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.5	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.5	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.5	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.5	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	42.5	170	ug/Kg

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:	SBLK649	SDG No.:	BG081524
Lab Sample ID:	PB162649BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062421.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.5	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.5	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.5	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.5	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.5	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.5	170	ug/Kg
206-44-0	Fluoranthene	19	U	19	82.5	170	ug/Kg

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:	SBLK649	SDG No.:	BG081524
Lab Sample ID:	PB162649BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062421.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.341		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	20.4		20-120		51	SPK: -40
4165-62-2	Phenol-d5	24.507		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.219		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.579		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	22.875		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	29.691		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.758		10-120		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.67		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.186		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.417		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	24.074		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.524		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	23.931		20-140		60	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:	SBLK649	SDG No.:	BG081524
Lab Sample ID:	PB162649BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062421.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.538		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	24.916		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	25.418		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.653		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70649	7.958				
1146-65-2	Naphthalene-d8	333022	10.749				
15067-26-2	Acenaphthene-d10	257150	14.573				
1517-22-2	Phenanthrene-d10	560093	17.316				
1719-03-5	Chrysene-d12	554828	21.558				
1520-96-3	Perylene-d12	635668	24.648				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

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:	SVOC-GPC2-BLANK	SDG No.:	BG081524
Lab Sample ID:	P3542-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 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
BG062422.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	81	U	81	19.8	200	ug/Kg
100-52-7	Benzaldehyde	170	U	170	250	990	ug/Kg
110-86-1	Pyridine	230	U	230	500	990	ug/Kg
108-95-2	Phenol	90	U	90	250	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	87	U	87	250	990	ug/Kg
95-57-8	2-Chlorophenol	84	U	84	130	510	ug/Kg
95-48-7	2-Methylphenol	93	U	93	250	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	250	990	ug/Kg
98-86-2	Acetophenone	200	U	200	250	990	ug/Kg
106-44-5	4-Methylphenol	160	U	160	250	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	240	U	240	130	510	ug/Kg
67-72-1	Hexachloroethane	180	U	180	130	510	ug/Kg
98-95-3	Nitrobenzene	190	U	190	130	510	ug/Kg
78-59-1	Isophorone	200	U	200	130	510	ug/Kg
88-75-5	2-Nitrophenol	180	U	180	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	96	U	96	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	140	U	140	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	130	510	ug/Kg
91-20-3	Naphthalene	72	U	72	130	510	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	130	990	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	130	510	ug/Kg
105-60-2	Caprolactam	190	U	190	250	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	72	U	72	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	96	U	96	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	290	250	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	72	U	72	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	99	U	99	130	510	ug/Kg

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:	SVOC-GPC2-BLANK	SDG No.:	BG081524
Lab Sample ID:	P3542-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 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
BG062422.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	78	U	78	130	510	ug/Kg
91-58-7	2-Chloronaphthalene	99	U	99	130	510	ug/Kg
88-74-4	2-Nitroaniline	140	U	140	130	510	ug/Kg
131-11-3	Dimethylphthalate	90	U	90	130	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	60	130	510	ug/Kg
208-96-8	Acenaphthylene	87	U	87	130	510	ug/Kg
99-09-2	3-Nitroaniline	200	U	200	250	990	ug/Kg
83-32-9	Acenaphthene	78	U	78	130	510	ug/Kg
51-28-5	2,4-Dinitrophenol	390	U	390	250	990	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	250	990	ug/Kg
132-64-9	Dibenzofuran	81	U	81	130	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	130	510	ug/Kg
84-66-2	Diethylphthalate	99	U	99	130	510	ug/Kg
86-73-7	Fluorene	81	U	81	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	130	510	ug/Kg
100-01-6	4-Nitroaniline	72	U	72	250	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	250	990	ug/Kg
86-30-6	N-Nitrosodiphenylamine	72	U	72	130	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	130	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78	U	78	130	510	ug/Kg
118-74-1	Hexachlorobenzene	84	U	84	130	510	ug/Kg
1912-24-9	Atrazine	84	U	84	250	990	ug/Kg
87-86-5	Pentachlorophenol	260	U	260	250	990	ug/Kg
85-01-8	Phenanthrene	81	U	81	130	510	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	130	510	ug/Kg
120-12-7	Anthracene	75	U	75	130	510	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	51	U	51	130	510	ug/Kg
86-74-8	Carbazole	100	U	100	250	990	ug/Kg
84-74-2	Di-n-butylphthalate	81	U	81	130	510	ug/Kg
206-44-0	Fluoranthene	57	U	57	250	510	ug/Kg

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:	SVOC-GPC2-BLANK	SDG No.:	BG081524
Lab Sample ID:	P3542-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 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
BG062422.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	66	U	66	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	250	990	ug/Kg
56-55-3	Benzo(a)anthracene	69	U	69	130	510	ug/Kg
218-01-9	Chrysene	72	U	72	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	75	U	75	130	510	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	250	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84	U	84	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	78	U	78	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96	U	96	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	10-150		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	10-135		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	10-145		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	20-140		0	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:	SVOC-GPC2-BLANK	SDG No.:	BG081524
Lab Sample ID:	P3542-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 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
BG062422.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162667

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68724	7.961				
1146-65-2	Naphthalene-d8	325019	10.751				
15067-26-2	Acenaphthene-d10	246886	14.576				
1517-22-2	Phenanthrene-d10	537305	17.313				
1719-03-5	Chrysene-d12	534171	21.554				
1520-96-3	Perylene-d12	621097	24.644				
TENTATIVE IDENTIFIED COMPOUNDS							
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	270	J			19.727	
E966796	Total Alkanes	78	U			99	ug/Kg

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:	SVOC-GPC-BLANK	SDG No.:	BG081524
Lab Sample ID:	P3542-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 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
BG062423.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162666

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	81	U	81	19.8	200	ug/Kg
100-52-7	Benzaldehyde	170	U	170	250	990	ug/Kg
110-86-1	Pyridine	230	U	230	500	990	ug/Kg
108-95-2	Phenol	90	U	90	250	990	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	87	U	87	250	990	ug/Kg
95-57-8	2-Chlorophenol	84	U	84	130	510	ug/Kg
95-48-7	2-Methylphenol	93	U	93	250	990	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	250	990	ug/Kg
98-86-2	Acetophenone	200	U	200	250	990	ug/Kg
106-44-5	4-Methylphenol	160	U	160	250	990	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	240	U	240	130	510	ug/Kg
67-72-1	Hexachloroethane	180	U	180	130	510	ug/Kg
98-95-3	Nitrobenzene	190	U	190	130	510	ug/Kg
78-59-1	Isophorone	200	U	200	130	510	ug/Kg
88-75-5	2-Nitrophenol	180	U	180	130	510	ug/Kg
105-67-9	2,4-Dimethylphenol	96	U	96	130	510	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	140	U	140	130	510	ug/Kg
120-83-2	2,4-Dichlorophenol	110	U	110	130	510	ug/Kg
91-20-3	Naphthalene	72	U	72	130	510	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	130	990	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	130	510	ug/Kg
105-60-2	Caprolactam	190	U	190	250	990	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	130	510	ug/Kg
90-12-0	1-Methylnaphthalene	72	U	72	130	510	ug/Kg
91-57-6	2-Methylnaphthalene	96	U	96	130	510	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	290	250	990	ug/Kg
88-06-2	2,4,6-Trichlorophenol	72	U	72	130	510	ug/Kg
95-95-4	2,4,5-Trichlorophenol	99	U	99	130	510	ug/Kg

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:	SVOC-GPC-BLANK	SDG No.:	BG081524
Lab Sample ID:	P3542-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 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
BG062423.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162666

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	78	U	78	130	510	ug/Kg
91-58-7	2-Chloronaphthalene	99	U	99	130	510	ug/Kg
88-74-4	2-Nitroaniline	140	U	140	130	510	ug/Kg
131-11-3	Dimethylphthalate	90	U	90	130	510	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	60	130	510	ug/Kg
208-96-8	Acenaphthylene	87	U	87	130	510	ug/Kg
99-09-2	3-Nitroaniline	200	U	200	250	990	ug/Kg
83-32-9	Acenaphthene	78	U	78	130	510	ug/Kg
51-28-5	2,4-Dinitrophenol	390	U	390	250	990	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	250	990	ug/Kg
132-64-9	Dibenzofuran	81	U	81	130	510	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	130	510	ug/Kg
84-66-2	Diethylphthalate	99	U	99	130	510	ug/Kg
86-73-7	Fluorene	81	U	81	130	510	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	130	510	ug/Kg
100-01-6	4-Nitroaniline	72	U	72	250	990	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	250	990	ug/Kg
86-30-6	N-Nitrosodiphenylamine	72	U	72	130	510	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	130	510	ug/Kg
101-55-3	4-Bromophenyl-phenylether	78	U	78	130	510	ug/Kg
118-74-1	Hexachlorobenzene	84	U	84	130	510	ug/Kg
1912-24-9	Atrazine	84	U	84	250	990	ug/Kg
87-86-5	Pentachlorophenol	260	U	260	250	990	ug/Kg
85-01-8	Phenanthrene	81	U	81	130	510	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	130	510	ug/Kg
120-12-7	Anthracene	75	U	75	130	510	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	51	U	51	130	510	ug/Kg
86-74-8	Carbazole	100	U	100	250	990	ug/Kg
84-74-2	Di-n-butylphthalate	81	U	81	130	510	ug/Kg
206-44-0	Fluoranthene	57	U	57	250	510	ug/Kg

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:	SVOC-GPC-BLANK	SDG No.:	BG081524
Lab Sample ID:	P3542-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 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
BG062423.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162666

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	130	510	ug/Kg
85-68-7	Butylbenzylphthalate	66	U	66	130	510	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	250	990	ug/Kg
56-55-3	Benzo(a)anthracene	69	U	69	130	510	ug/Kg
218-01-9	Chrysene	72	U	72	130	510	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	75	U	75	130	510	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	250	990	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	130	510	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	130	510	ug/Kg
50-32-8	Benzo(a)pyrene	93	U	93	130	510	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	84	U	84	130	510	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	78	U	78	130	510	ug/Kg
191-24-2	Benzo(g,h,i)perylene	96	U	96	130	510	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	U	110	130	510	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	10-150		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	15-120		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	10-140		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	10-135		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	10-140		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	10-145		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	15-120		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	20-140		0	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:	SVOC-GPC-BLANK	SDG No.:	BG081524
Lab Sample ID:	P3542-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	10 Units: g	Final Vol:	500 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
BG062423.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162666

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	10-150		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	10-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	10-140		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65140	7.954				
1146-65-2	Naphthalene-d8	314350	10.75				
15067-26-2	Acenaphthene-d10	241268	14.575				
1517-22-2	Phenanthrene-d10	522548	17.312				
1719-03-5	Chrysene-d12	515937	21.553				
1520-96-3	Perylene-d12	612778	24.643				
TENTATIVE IDENTIFIED COMPOUNDS							
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	220	J			19.727	
E966796	Total Alkanes	78	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	SBLK707	SDG No.:	BG081524
Lab Sample ID:	PB162707BL	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
BG062424.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162707

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:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	SBLK707	SDG No.:	BG081524
Lab Sample ID:	PB162707BL	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
BG062424.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162707

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:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	SBLK707	SDG No.:	BG081524
Lab Sample ID:	PB162707BL	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
BG062424.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162707

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	4.526		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	21.387		20-120		53	SPK: -40
4165-62-2	Phenol-d5	26.101		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.789		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.256		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	24.453		25-125		61	SPK: -40
4165-60-0	Nitrobenzene-d5	31.918		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.456		20-130		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.832		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.377		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.828		25-130		62	SPK: -40
93951-97-4	Acenaphthylene-d8	25.332		10-130		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.92		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	25.181		25-125		63	SPK: -40

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	SBLK707	SDG No.:	BG081524
Lab Sample ID:	PB162707BL	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
BG062424.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.716		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	26.119		25-130		65	SPK: -40
1718-52-1	Pyrene-d10	26.666		15-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.937		20-130		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64392	7.959				
1146-65-2	Naphthalene-d8	311397	10.749				
15067-26-2	Acenaphthene-d10	239142	14.574				
1517-22-2	Phenanthrene-d10	518865	17.317				
1719-03-5	Chrysene-d12	507990	21.552				
1520-96-3	Perylene-d12	595848	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:	E0AF0	SDG No.:	BG081524
Lab Sample ID:	P3481-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062425.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	41	U	41	10.1	100	ug/Kg
100-52-7	Benzaldehyde	89	U	89	130	500	ug/Kg
110-86-1	Pyridine	120	U	120	250	500	ug/Kg
108-95-2	Phenol	46	U	46	130	500	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	130	500	ug/Kg
95-57-8	2-Chlorophenol	43	U	43	65	260	ug/Kg
95-48-7	2-Methylphenol	47	U	47	130	500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	61	U	61	130	500	ug/Kg
98-86-2	Acetophenone	100	U	100	130	500	ug/Kg
106-44-5	4-Methylphenol	81	U	81	130	500	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	65	260	ug/Kg
67-72-1	Hexachloroethane	93	U	93	65	260	ug/Kg
98-95-3	Nitrobenzene	98	U	98	65	260	ug/Kg
78-59-1	Isophorone	100	U	100	65	260	ug/Kg
88-75-5	2-Nitrophenol	92	U	92	65	260	ug/Kg
105-67-9	2,4-Dimethylphenol	49	U	49	65	260	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	69	U	69	65	260	ug/Kg
120-83-2	2,4-Dichlorophenol	58	U	58	65	260	ug/Kg
91-20-3	Naphthalene	37	U	37	65	260	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	65	500	ug/Kg
87-68-3	Hexachlorobutadiene	54	U	54	65	260	ug/Kg
105-60-2	Caprolactam	98	U	98	130	500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	63	U	63	65	260	ug/Kg
90-12-0	1-Methylnaphthalene	37	U	37	65	260	ug/Kg
91-57-6	2-Methylnaphthalene	49	U	49	65	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	150	U	150	130	500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	37	U	37	65	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	65	260	ug/Kg

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:	E0AF0	SDG No.:	BG081524
Lab Sample ID:	P3481-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062425.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	40	U	40	65	260	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	65	260	ug/Kg
88-74-4	2-Nitroaniline	69	U	69	65	260	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	65	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	31	U	31	65	260	ug/Kg
208-96-8	Acenaphthylene	44	U	44	65	260	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	130	500	ug/Kg
83-32-9	Acenaphthene	40	U	40	65	260	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	130	500	ug/Kg
100-02-7	4-Nitrophenol	67	U	67	130	500	ug/Kg
132-64-9	Dibenzofuran	41	U	41	65	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	65	260	ug/Kg
84-66-2	Diethylphthalate	50	U	50	65	260	ug/Kg
86-73-7	Fluorene	41	U	41	65	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	31	U	31	65	260	ug/Kg
100-01-6	4-Nitroaniline	37	U	37	130	500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	58	U	58	130	500	ug/Kg
86-30-6	N-Nitrosodiphenylamine	37	U	37	65	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	65	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	40	U	40	65	260	ug/Kg
118-74-1	Hexachlorobenzene	43	U	43	65	260	ug/Kg
1912-24-9	Atrazine	43	U	43	130	500	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	130	500	ug/Kg
85-01-8	Phenanthrene	41	U	41	65	260	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	65	260	ug/Kg
120-12-7	Anthracene	38	U	38	65	260	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	26	U	26	65	260	ug/Kg
86-74-8	Carbazole	52	U	52	130	500	ug/Kg
84-74-2	Di-n-butylphthalate	41	U	41	65	260	ug/Kg
206-44-0	Fluoranthene	29	U	29	130	260	ug/Kg

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:	E0AF0	SDG No.:	BG081524
Lab Sample ID:	P3481-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062425.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	28	U	28	65	260	ug/Kg
85-68-7	Butylbenzylphthalate	34	U	34	65	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	80	U	80	130	500	ug/Kg
56-55-3	Benzo(a)anthracene	35	U	35	65	260	ug/Kg
218-01-9	Chrysene	37	U	37	65	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	38	U	38	65	260	ug/Kg
117-84-0	Di-n-octyl phthalate	73	U	73	130	500	ug/Kg
205-99-2	Benzo(b)fluoranthene	57	U	57	65	260	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	65	260	ug/Kg
50-32-8	Benzo(a)pyrene	47	U	47	65	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	65	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	U	40	65	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49	U	49	65	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55	U	55	65	260	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.214		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	10.717		20-120		27	SPK: -40
4165-62-2	Phenol-d5	20.497		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.014		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.295		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	20.111		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	26.241		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.643		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.581		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.432		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.463		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.424		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.873		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	22.538		20-140		56	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:	E0AF0	SDG No.:	BG081524
Lab Sample ID:	P3481-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	34.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062425.D	1	8/12/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.388		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	22.815		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	24.611		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.492		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88467	7.959				
1146-65-2	Naphthalene-d8	382013	10.749				
15067-26-2	Acenaphthene-d10	283538	14.574				
1517-22-2	Phenanthrene-d10	605964	17.317				
1719-03-5	Chrysene-d12	601173	21.552				
1520-96-3	Perylene-d12	711338	24.648				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	170	J			3.682	
000770-35-4	1-Phenoxypropan-2-ol	230	J			11.484	
000057-10-3	n-Hexadecanoic acid	690	J			18.216	
000057-11-4	Octadecanoic acid	400	J			19.485	
074339-54-1	Trichloroacetic acid, hexadecyl es	160	J			21.223	
E966796	Total Alkanes	40	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT7	SDG No.:	BG081524
Lab Sample ID:	P3502-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062426.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.6	77	ug/Kg
100-52-7	Benzaldehyde	67	U	67	95	380	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
108-95-2	Phenol	35	U	35	95	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	95	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	95	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	95	380	ug/Kg
98-86-2	Acetophenone	76	U	76	95	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	95	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	49	200	ug/Kg
67-72-1	Hexachloroethane	70	U	70	49	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	49	200	ug/Kg
78-59-1	Isophorone	76	U	76	49	200	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	49	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49	200	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	49	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49	200	ug/Kg
105-60-2	Caprolactam	74	U	74	95	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	49	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT7	SDG No.:	BG081524
Lab Sample ID:	P3502-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062426.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49	200	ug/Kg
208-96-8	Acenaphthylene	33	U	33	49	200	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	95	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	95	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	49	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49	200	ug/Kg
86-73-7	Fluorene	31	U	31	49	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	95	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	95	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	49	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49	200	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	49	200	ug/Kg
1912-24-9	Atrazine	32	U	32	95	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	49	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49	200	ug/Kg
120-12-7	Anthracene	29	U	29	49	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49	200	ug/Kg
86-74-8	Carbazole	39	U	39	95	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	95	200	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT7	SDG No.:	BG081524
Lab Sample ID:	P3502-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062426.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	49	200	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	49	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	95	380	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	49	200	ug/Kg
218-01-9	Chrysene	28	U	28	49	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49	200	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	95	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	49	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	49	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.589		15-120		20	SPK: -8
7291-22-7	Pyridine-d5	2.529	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	12.385		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.407		10-150		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.723		15-120		32	SPK: -40
190780-66-6	4-Methylphenol-d8	10.427		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	14.415		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.212		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.932		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.797		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.223		10-145		33	SPK: -40
93951-97-4	Acenaphthylene-d8	13.173		15-120		33	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.65		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	13.422		20-140		34	SPK: -40

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT7	SDG No.:	BG081524
Lab Sample ID:	P3502-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		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
BG062426.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.688		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	12.196		10-150		30	SPK: -40
1718-52-1	Pyrene-d10	14.512		10-130		36	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.015		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89169	7.961				
1146-65-2	Naphthalene-d8	402832	10.751				
15067-26-2	Acenaphthene-d10	299092	14.575				
1517-22-2	Phenanthrene-d10	644112	17.313				
1719-03-5	Chrysene-d12	637302	21.554				
1520-96-3	Perylene-d12	734192	24.644				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.486	
000090-24-4	Xanthoxylin	110	J			16.185	
000373-49-9	Palmitoleic acid	110	J			18.153	
000057-10-3	n-Hexadecanoic acid	460	J			18.212	
000057-11-4	Octadecanoic acid	110	J			19.481	
	(DEL) Alkane: Cyclic21.225	200	J			21.225	
006222-03-3	Trifluoroacetoxy hexadecane	240	J			22.371	
	(DEL) Alkane: Straight-Chain23.804	200	J			23.804	
000661-19-8	Behenic alcohol	140	J			23.857	
014811-95-1	1,19-Eicosadiene	130	J			25.202	
	(DEL) Alkane: Straight-Chain25.801	200	J			25.801	
000557-61-9	Octacosanol	210	J			25.907	
	(DEL) Alkane: Straight-Chain27.088	150	J			27.088	
000638-66-4	Octadecanal	140	J			27.846	
000083-48-7	Stigmasterol	280	J			28.668	
000083-47-6	.gamma.-Sitosterol	370	J			29.743	
E966796	Total Alkanes	750				99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT7	SDG No.:	BG081524
Lab Sample ID:	P3502-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062426.D	1	8/10/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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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:	E0AD6	SDG No.:	BG081524
Lab Sample ID:	P3533-07	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
BG062427.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162707

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:	E0AD6	SDG No.:	BG081524
Lab Sample ID:	P3533-07	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
BG062427.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162707

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:	E0AD6	SDG No.:	BG081524
Lab Sample ID:	P3533-07	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
BG062427.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162707

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	3.801		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	4.916	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	7.811		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.956		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.234		20-130		66	SPK: -40
190780-66-6	4-Methylphenol-d8	16.786		25-125		42	SPK: -40
4165-60-0	Nitrobenzene-d5	34.61		20-125		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.558		20-130		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.686		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.512		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.447		25-130		66	SPK: -40
93951-97-4	Acenaphthylene-d8	27.059		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.798		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	26.874		25-125		67	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:	E0AD6	SDG No.:	BG081524
Lab Sample ID:	P3533-07	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
BG062427.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.49		10-130		74	SPK: -40
1719-06-8	Anthracene-d10	29.157		25-130		73	SPK: -40
1718-52-1	Pyrene-d10	29.777		15-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.716		20-130		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69189	7.957				
1146-65-2	Naphthalene-d8	313692	10.748				
15067-26-2	Acenaphthene-d10	239943	14.578				
1517-22-2	Phenanthrene-d10	508861	17.315				
1719-03-5	Chrysene-d12	496208	21.556				
1520-96-3	Perylene-d12	571549	24.646				
TENTATIVE IDENTIFIED COMPOUNDS							
025346-24-1	Avocadenofuran	3.3	J			21.333	
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:	E0AB3	SDG No.:	BG081524
Lab Sample ID:	P3533-09	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
BG062428.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162707

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:	E0AB3	SDG No.:	BG081524
Lab Sample ID:	P3533-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062428.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162707

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:	E0AB3	SDG No.:	BG081524
Lab Sample ID:	P3533-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062428.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162707

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	3.285		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	6.471	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	7.135		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.687		25-120		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.348		20-130		58	SPK: -40
190780-66-6	4-Methylphenol-d8	15.051		25-125		38	SPK: -40
4165-60-0	Nitrobenzene-d5	28.744		20-125		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.564		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.082		20-120		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.783		1-146		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.145		25-130		58	SPK: -40
93951-97-4	Acenaphthylene-d8	22.844		10-130		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.28		10-150		16	SPK: -40
81103-79-9	Fluorene-d10	23.217		25-125		58	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:	E0AB3	SDG No.:	BG081524
Lab Sample ID:	P3533-09	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062428.D	1	8/13/2024 12:00:00 AM	8/15/2024 12:00:00 AM	PB162707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.728		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	24.076		25-130		60	SPK: -40
1718-52-1	Pyrene-d10	25.686		15-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.294		20-130		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69478	7.957				
1146-65-2	Naphthalene-d8	327318	10.748				
15067-26-2	Acenaphthene-d10	249475	14.572				
1517-22-2	Phenanthrene-d10	536540	17.315				
1719-03-5	Chrysene-d12	526050	21.556				
1520-96-3	Perylene-d12	599415	24.646				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	2.4	J			11.482	
000057-10-3	n-Hexadecanoic acid	4.2	J			18.208	
074339-54-1	Trichloroacetic acid, hexadecyl es	2.6	J			21.227	
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:	E0AB4	SDG No.:	BG081524
Lab Sample ID:	P3533-10	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
BG062429.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162707

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:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	E0AB4	SDG No.:	BG081524
Lab Sample ID:	P3533-10	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
BG062429.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162707

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:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	E0AB4	SDG No.:	BG081524
Lab Sample ID:	P3533-10	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
BG062429.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162707

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	3.109		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	6.55	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	6.995		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.576		25-120		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.948		20-130		57	SPK: -40
190780-66-6	4-Methylphenol-d8	15.175		25-125		38	SPK: -40
4165-60-0	Nitrobenzene-d5	27.138		20-125		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.664		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.755		20-120		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.128		1-146		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.7		25-130		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.312		10-130		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.987		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	22.375		25-125		56	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:	E0AB4	SDG No.:	BG081524
Lab Sample ID:	P3533-10	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
BG062429.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.711		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	24.239		25-130		61	SPK: -40
1718-52-1	Pyrene-d10	25.369		15-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.42		20-130		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67359	7.954				
1146-65-2	Naphthalene-d8	336473	10.751				
15067-26-2	Acenaphthene-d10	250666	14.575				
1517-22-2	Phenanthrene-d10	523401	17.312				
1719-03-5	Chrysene-d12	522773	21.554				
1520-96-3	Perylene-d12	598350	24.644				
TENTATIVE IDENTIFIED COMPOUNDS							
000625-54-7	Propane, 2-ethoxy-	2.1	J			3.678	
000770-35-4	1-Phenoxypropan-2-ol	2.5	J			11.485	
000057-10-3	n-Hexadecanoic acid	3.2	J			18.211	
	(DEL) Alkane: Straight-Chain	3.6	J			21.225	
E966796	Total Alkanes	3.6				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:	E0AA9	SDG No.:	BG081524
Lab Sample ID:	P3533-12	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
BG062430.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162707

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:	E0AA9	SDG No.:	BG081524
Lab Sample ID:	P3533-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062430.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162707

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:	E0AA9	SDG No.:	BG081524
Lab Sample ID:	P3533-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062430.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162707

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							
7291-22-7	Pyridine-d5	8.247		20-120		21	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.247		15-120		41	SPK: -8
4165-62-2	Phenol-d5	6.954		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.328		25-120		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.699		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	14.94		25-125		37	SPK: -40
4165-60-0	Nitrobenzene-d5	28.96		20-125		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.412		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.362		20-120		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.991		1-146		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.889		25-130		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.342		10-130		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.893		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	22.801		25-125		57	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:	E0AA9	SDG No.:	BG081524
Lab Sample ID:	P3533-12	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062430.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.851		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	24.156		25-130		60	SPK: -40
1718-52-1	Pyrene-d10	25.616		15-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.116		20-130		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	66784	7.959				
1146-65-2	Naphthalene-d8	314673	10.749				
15067-26-2	Acenaphthene-d10	234438	14.573				
1517-22-2	Phenanthrene-d10	496280	17.317				
1719-03-5	Chrysene-d12	483028	21.552				
1520-96-3	Perylene-d12	557043	24.642				
TENTATIVE IDENTIFIED COMPOUNDS							
000638-53-9	Tridecanoic acid	2.2	J			18.204	
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:	E0AB2	SDG No.:	BG081524
Lab Sample ID:	P3533-13	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
BG062431.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162707

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:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	E0AB2	SDG No.:	BG081524
Lab Sample ID:	P3533-13	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
BG062431.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162707

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:	8/8/2024 12:00:00 AM
Project:		Date Received:	8/8/2024 12:00:00 AM
Client Sample ID:	E0AB2	SDG No.:	BG081524
Lab Sample ID:	P3533-13	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
BG062431.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162707

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	3.69		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	9.745		20-120		24	SPK: -40
4165-62-2	Phenol-d5	7.841		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.771		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.534		20-130		69	SPK: -40
190780-66-6	4-Methylphenol-d8	17.487		25-125		44	SPK: -40
4165-60-0	Nitrobenzene-d5	34.465		20-125		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.699		20-130		94	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.576		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.456		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.724		25-130		72	SPK: -40
93951-97-4	Acenaphthylene-d8	28.631		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.168		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	28.491		25-125		71	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:	E0AB2	SDG No.:	BG081524
Lab Sample ID:	P3533-13	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
BG062431.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.424		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	30.151		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	31.709		15-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.563		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60050	7.96				
1146-65-2	Naphthalene-d8	291909	10.751				
15067-26-2	Acenaphthene-d10	210060	14.575				
1517-22-2	Phenanthrene-d10	450926	17.312				
1719-03-5	Chrysene-d12	447553	21.554				
1520-96-3	Perylene-d12	515900	24.644				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	2.4	J			11.485	
000057-10-3	n-Hexadecanoic acid	3.2	J			18.211	
006222-03-3	Trifluoroacetoxy hexadecane	2.9	J			21.225	
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:	E0AB1	SDG No.:	BG081524
Lab Sample ID:	P3533-15	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
BG062432.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162707

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:	E0AB1	SDG No.:	BG081524
Lab Sample ID:	P3533-15	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
BG062432.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162707

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:	E0AB1	SDG No.:	BG081524
Lab Sample ID:	P3533-15	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
BG062432.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162707

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	3.223		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	8.575		20-120		21	SPK: -40
4165-62-2	Phenol-d5	6.622		10-130		17	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.271		25-120		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.399		20-130		58	SPK: -40
190780-66-6	4-Methylphenol-d8	14.831		25-125		37	SPK: -40
4165-60-0	Nitrobenzene-d5	28.76		20-125		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.354		20-130		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.139		20-120		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.533		1-146		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.545		25-130		59	SPK: -40
93951-97-4	Acenaphthylene-d8	24.02		10-130		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.58		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	23.337		25-125		58	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:	E0AB1	SDG No.:	BG081524
Lab Sample ID:	P3533-15	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
BG062432.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.9		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	24.048		25-130		60	SPK: -40
1718-52-1	Pyrene-d10	26.287		15-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.27		20-130		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69636	7.954				
1146-65-2	Naphthalene-d8	334539	10.75				
15067-26-2	Acenaphthene-d10	238606	14.574				
1517-22-2	Phenanthrene-d10	511357	17.318				
1719-03-5	Chrysene-d12	484327	21.553				
1520-96-3	Perylene-d12	568854	24.643				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	2.2	J			11.484	
000057-10-3	n-Hexadecanoic acid	2.3	J			18.21	
	(DEL) Alkane: Cyclic21.224	2.7	J			21.224	
E966796	Total Alkanes	2.7				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:	E0AE9DL	SDG No.:	BG081524
Lab Sample ID:	P3481-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062433.D	2	8/12/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	100	U	100	25.4	260	ug/Kg
100-52-7	Benzaldehyde	220	U	220	320	1300	ug/Kg
110-86-1	Pyridine	300	U	300	640	1300	ug/Kg
108-95-2	Phenol	120	U	120	320	1300	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	110	U	110	320	1300	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	160	660	ug/Kg
95-48-7	2-Methylphenol	120	U	120	320	1300	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	320	1300	ug/Kg
98-86-2	Acetophenone	250	U	250	320	1300	ug/Kg
106-44-5	4-Methylphenol	200	U	200	320	1300	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	300	U	300	160	660	ug/Kg
67-72-1	Hexachloroethane	240	U	240	160	660	ug/Kg
98-95-3	Nitrobenzene	250	U	250	160	660	ug/Kg
78-59-1	Isophorone	250	U	250	160	660	ug/Kg
88-75-5	2-Nitrophenol	230	U	230	160	660	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	160	660	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	170	U	170	160	660	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	150	160	660	ug/Kg
91-20-3	Naphthalene	320	JD	92	160	660	ug/Kg
106-47-8	4-Chloroaniline	140	U	140	160	1300	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	160	660	ug/Kg
105-60-2	Caprolactam	250	U	250	320	1300	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	160	660	ug/Kg
90-12-0	1-Methylnaphthalene	840	D	92	160	660	ug/Kg
91-57-6	2-Methylnaphthalene	1400	D	120	160	660	ug/Kg
77-47-4	Hexachlorocyclopentadiene	370	U	370	320	1300	ug/Kg
88-06-2	2,4,6-Trichlorophenol	92	U	92	160	660	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	U	130	160	660	ug/Kg

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:	E0AE9DL	SDG No.:	BG081524
Lab Sample ID:	P3481-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062433.D	2	8/12/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	100	U	100	160	660	ug/Kg
91-58-7	2-Chloronaphthalene	130	U	130	160	660	ug/Kg
88-74-4	2-Nitroaniline	170	U	170	160	660	ug/Kg
131-11-3	Dimethylphthalate	120	U	120	160	660	ug/Kg
606-20-2	2,6-Dinitrotoluene	77	U	77	160	660	ug/Kg
208-96-8	Acenaphthylene	110	U	110	160	660	ug/Kg
99-09-2	3-Nitroaniline	250	U	250	320	1300	ug/Kg
83-32-9	Acenaphthene	1600	D	100	160	660	ug/Kg
51-28-5	2,4-Dinitrophenol	500	U	500	320	1300	ug/Kg
100-02-7	4-Nitrophenol	170	U	170	320	1300	ug/Kg
132-64-9	Dibenzofuran	590	JD	100	160	660	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	U	130	160	660	ug/Kg
84-66-2	Diethylphthalate	130	U	130	160	660	ug/Kg
86-73-7	Fluorene	1300	D	100	160	660	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	77	U	77	160	660	ug/Kg
100-01-6	4-Nitroaniline	92	U	92	320	1300	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	320	1300	ug/Kg
86-30-6	N-Nitrosodiphenylamine	92	U	92	160	660	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	U	130	160	660	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	160	660	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	160	660	ug/Kg
1912-24-9	Atrazine	110	U	110	320	1300	ug/Kg
87-86-5	Pentachlorophenol	340	U	340	320	1300	ug/Kg
85-01-8	Phenanthrene	6100	D	100	160	660	ug/Kg
608-93-5	Pentachlorobenzene	140	U	140	160	660	ug/Kg
120-12-7	Anthracene	2000	D	96	160	660	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	66	U	66	160	660	ug/Kg
86-74-8	Carbazole	130	U	130	320	1300	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	160	660	ug/Kg
206-44-0	Fluoranthene	5100	D	73	320	660	ug/Kg

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:	E0AE9DL	SDG No.:	BG081524
Lab Sample ID:	P3481-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062433.D	2	8/12/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3900	D	69	160	660	ug/Kg
85-68-7	Butylbenzylphthalate	85	U	85	160	660	ug/Kg
91-94-1	3,3-Dichlorobenzidine	200	U	200	320	1300	ug/Kg
56-55-3	Benzo(a)anthracene	2200	D	89	160	660	ug/Kg
218-01-9	Chrysene	1700	D	92	160	660	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	160	660	ug/Kg
117-84-0	Di-n-octyl phthalate	180	U	180	320	1300	ug/Kg
205-99-2	Benzo(b)fluoranthene	2000	D	140	160	660	ug/Kg
207-08-9	Benzo(k)fluoranthene	700	D	150	160	660	ug/Kg
50-32-8	Benzo(a)pyrene	1200	D	120	160	660	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	640	JD	110	160	660	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260	JD	100	160	660	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	U	120	160	660	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	140	160	660	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.244		15-120		16	SPK: -8
7291-22-7	Pyridine-d5	0.68	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	8.096		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	8.51		10-150		21	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.202		15-120		23	SPK: -40
190780-66-6	4-Methylphenol-d8	8.036		10-140		20	SPK: -40
4165-60-0	Nitrobenzene-d5	10.172		10-135		25	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.092		10-120		28	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.672		10-140		22	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.042		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.14		10-145		23	SPK: -40
93951-97-4	Acenaphthylene-d8	9.258		15-120		23	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.964		10-150		15	SPK: -40
81103-79-9	Fluorene-d10	9.67		20-140		24	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:	E0AE9DL	SDG No.:	BG081524
Lab Sample ID:	P3481-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062433.D	2	8/12/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.102		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	9.868		10-150		25	SPK: -40
1718-52-1	Pyrene-d10	9.504		10-130		24	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.236		10-140		18	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73931	7.958				
1146-65-2	Naphthalene-d8	350956	10.748				
15067-26-2	Acenaphthene-d10	255533	14.573				
1517-22-2	Phenanthrene-d10	537677	17.316				
1719-03-5	Chrysene-d12	517879	21.557				
1520-96-3	Perylene-d12	607708	24.647				
TENTATIVE IDENTIFIED COMPOUNDS							
001127-76-0	Naphthalene, 1-ethyl-	750	JD			13.609	
000575-43-9	Naphthalene, 1,6-dimethyl-	590	JD			13.738	
000581-40-8	Naphthalene, 2,3-dimethyl-	950	JD			13.897	
000575-41-7	Naphthalene, 1,3-dimethyl-	410	JD			14.132	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	370	JD			15.048	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	360	JD			15.189	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	340	JD			15.36	
000954-21-2	Nordiphenamid	360	JD			15.783	
001855-47-6	1-Isopropenyl naphthalene	380	JD			15.836	
000644-08-6	1,1-Biphenyl, 4-methyl-	310	JD			15.871	
020884-05-3	3-(2-Naphthyl)acrylaldehyde	450	JD			15.912	
007320-53-8	Dibenzofuran, 4-methyl-	550	JD			16.059	
001430-97-3	9H-Fluorene, 2-methyl-	520	JD			16.623	
000132-65-0	Dibenzothiophene	640	JD			17.134	
067388-11-8	4-Methylnaphtho[1,2-b]thiophene	300	JD			17.898	
000832-69-9	Phenanthrene, 1-methyl-	1200	JD			18.191	
000613-12-7	Anthracene, 2-methyl-	1300	JD			18.238	

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:	E0AE9DL	SDG No.:	BG081524
Lab Sample ID:	P3481-07DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062433.D	2	8/12/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162679

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002531-84-2	Phenanthrene, 2-methyl-	670	JD			18.315	
000203-64-5	4H-Cyclopenta[def]phenanthrene	2100	JD			18.385	
004505-48-0	1H-Indene, 2-phenyl-	550	JD			18.42	
000612-94-2	Naphthalene, 2-phenyl-	630	JD			18.685	
000781-43-1	9,10-Dimethylanthracene	860	JD			19.102	
006543-29-9	Indeno[2,1-a]indene, 5,10-dihydro-	410	JD			19.166	
	unknown-01	450	JD			19.513	
002381-21-7	Pyrene, 1-methyl-	290	JD			20.047	
000243-17-4	11H-Benzo[b]fluorene	490	JD			20.218	
000238-84-6	11H-Benzo[a]fluorene	480	JD			20.318	
002541-69-7	Benz[a]anthracene, 7-methyl-	280	JD			22.262	
000192-97-2	Benzo[e]pyrene	540	JD			23.913	
000198-55-0	Perylene	370	JD			24.359	
E966796	Total Alkanes	100	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT8	SDG No.:	BG081524
Lab Sample ID:	P3502-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062434.D	1	8/10/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.2	73	ug/Kg
110-86-1	Pyridine	84	U	84	180	360	ug/Kg
100-52-7	Benzaldehyde	63	U	63	90.2	360	ug/Kg
108-95-2	Phenol	33	U	33	90.2	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	90.2	360	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	46.4	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	90.2	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	90.2	360	ug/Kg
98-86-2	Acetophenone	72	U	72	90.2	360	ug/Kg
106-44-5	4-Methylphenol	58	U	58	90.2	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	86	U	86	46.4	190	ug/Kg
67-72-1	Hexachloroethane	67	U	67	46.4	190	ug/Kg
98-95-3	Nitrobenzene	70	U	70	46.4	190	ug/Kg
78-59-1	Isophorone	72	U	72	46.4	190	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	46.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	46.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	46.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	46.4	190	ug/Kg
91-20-3	Naphthalene	26	U	26	46.4	190	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	46.4	360	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	46.4	190	ug/Kg
105-60-2	Caprolactam	70	U	70	90.2	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	46.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	46.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	46.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	90.2	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	46.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	46.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT8	SDG No.:	BG081524
Lab Sample ID:	P3502-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062434.D	1	8/10/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	46.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	46.4	190	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	46.4	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	46.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	46.4	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	46.4	190	ug/Kg
99-09-2	3-Nitroaniline	72	U	72	90.2	360	ug/Kg
83-32-9	Acenaphthene	28	U	28	46.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	90.2	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.2	360	ug/Kg
132-64-9	Dibenzofuran	30	U	30	46.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	46.4	190	ug/Kg
84-66-2	Diethylphthalate	36	U	36	46.4	190	ug/Kg
86-73-7	Fluorene	30	U	30	46.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.4	190	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	90.2	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	90.2	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	46.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	46.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	46.4	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	46.4	190	ug/Kg
1912-24-9	Atrazine	31	U	31	90.2	360	ug/Kg
87-86-5	Pentachlorophenol	96	U	96	90.2	360	ug/Kg
85-01-8	Phenanthrene	30	U	30	46.4	190	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	46.4	190	ug/Kg
120-12-7	Anthracene	27	U	27	46.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	46.4	190	ug/Kg
86-74-8	Carbazole	37	U	37	90.2	360	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	46.4	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	90.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT8	SDG No.:	BG081524
Lab Sample ID:	P3502-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062434.D	1	8/10/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	46.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	46.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	90.2	360	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	46.4	190	ug/Kg
218-01-9	Chrysene	26	U	26	46.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	J	27	46.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	90.2	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	46.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	46.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	46.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	46.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	46.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	46.4	190	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	0.889	*	20-120		2	SPK: -40
17647-74-4	1,4-Dioxane-d8	1.068	*	15-120		13	SPK: -8
4165-62-2	Phenol-d5	7.973		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	7.565		10-150		19	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.163		15-120		20	SPK: -40
190780-66-6	4-Methylphenol-d8	6.167		10-140		15	SPK: -40
4165-60-0	Nitrobenzene-d5	9.405		10-135		24	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.855		10-120		25	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.344		10-140		21	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.074		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	7.94		10-145		20	SPK: -40
93951-97-4	Acenaphthylene-d8	8.548		15-120		21	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.17		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	8.767		20-140		22	SPK: -40

Report of Analysis

Client:		Date Collected:	8/5/2024 12:00:00 AM
Project:		Date Received:	8/5/2024 12:00:00 AM
Client Sample ID:	DCXT8	SDG No.:	BG081524
Lab Sample ID:	P3502-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 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
BG062434.D	1	8/10/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162649

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.326		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	8.776		10-150		22	SPK: -40
1718-52-1	Pyrene-d10	9.237		10-130		23	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.065		10-140		18	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65726	7.953				
1146-65-2	Naphthalene-d8	311254	10.749				
15067-26-2	Acenaphthene-d10	230727	14.573				
1517-22-2	Phenanthrene-d10	494080	17.311				
1719-03-5	Chrysene-d12	474664	21.552				
1520-96-3	Perylene-d12	541733	24.642				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	170	J			18.21	
	(DEL) Alkane: Straight-Chain	21.229	J			21.229	
	(DEL) Alkane: Straight-Chain	22.363	J			22.363	
	(DEL) Alkane: Straight-Chain	23.802	J			23.802	
	(DEL) Alkane: Straight-Chain	25.799	J			25.799	
	(DEL) Alkane: Straight-Chain	27.080	J			27.08	
	(DEL) Alkane: Straight-Chain	28.660	J			28.66	
E966796	Total Alkanes	710				99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	SLCS707	SDG No.:	BG081524
Lab Sample ID:	PB162707BS	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
BG062435.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.1		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	23		2.3	5	10	ug/L
110-86-1	Pyridine	22		2.2	10	10	ug/L
108-95-2	Phenol	26		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	26		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	29		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	26		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	25		1.2	5	10	ug/L
98-86-2	Acetophenone	24		0.89	5	10	ug/L
106-44-5	4-Methylphenol	25		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	24		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	27		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	29		0.99	2.5	5	ug/L
78-59-1	Isophorone	24		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	35		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	21		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	25		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	27		0.93	2.5	5	ug/L
91-20-3	Naphthalene	26		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	19		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	25		0.98	2.5	5	ug/L
105-60-2	Caprolactam	23		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	27		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	25		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	25		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	20		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:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	SLCS707	SDG No.:	BG081524
Lab Sample ID:	PB162707BS	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
BG062435.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162707

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	27		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	33		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	25		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	34		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	27		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	29		1.5	5	10	ug/L
83-32-9	Acenaphthene	25		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	30		2.8	5	10	ug/L
100-02-7	4-Nitrophenol	26		1.4	5	10	ug/L
132-64-9	Dibenzofuran	25		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	32		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	24		0.87	2.5	5	ug/L
86-73-7	Fluorene	24		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	25		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	28		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	33		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	27		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	27		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	1.6	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	22		2.5	5	10	ug/L
85-01-8	Phenanthrene	26		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	28		1.2	2.5	5	ug/L
120-12-7	Anthracene	26		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	30		0.92	2.5	5	ug/L
86-74-8	Carbazole	26		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	26		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	28		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	SLCS707	SDG No.:	BG081524
Lab Sample ID:	PB162707BS	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
BG062435.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	28		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	31		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	30		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	27		0.56	2.5	5	ug/L
218-01-9	Chrysene	27		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	31		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	27		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	27		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	26		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	27		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	27		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	23		1	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	21.365		20-120		53	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.948		15-120		62	SPK: -8
4165-62-2	Phenol-d5	26.924		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.916		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.173		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	26.01		25-125		65	SPK: -40
4165-60-0	Nitrobenzene-d5	32.059		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.46		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.065		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.388		1-146		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.125		25-130		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.832		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.246		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	25.44		25-125		64	SPK: -40

Report of Analysis

Client:		Date Collected:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	SLCS707	SDG No.:	BG081524
Lab Sample ID:	PB162707BS	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
BG062435.D	1	8/13/2024 12:00:00 AM	8/16/2024 12:00:00 AM	PB162707

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.958		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	25.962		25-130		65	SPK: -40
1718-52-1	Pyrene-d10	27.947		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.5		20-130		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68384	7.959				
1146-65-2	Naphthalene-d8	329751	10.75				
15067-26-2	Acenaphthene-d10	241365	14.574				
1517-22-2	Phenanthrene-d10	502629	17.317				
1719-03-5	Chrysene-d12	481325	21.559				
1520-96-3	Perylene-d12	566016	24.648				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BG081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E0AE7								
P3481-06	E0AE7	Solid	(DEL) Alkane: Straight-Chain21.2 *	110.000	J			
P3481-06	E0AE7	Solid	1-Phenoxypropan-2-ol *	140.000	J			
P3481-06	E0AE7	Solid	Diisooctyl adipate *	140.000	J			
P3481-06	E0AE7	Solid	n-Hexadecanoic acid *	230.000	J			
P3481-06	E0AE7	Solid	Total Alkanes *	110.000	J	38	250	ug/Kg
Total Tics :				730.00				
P3481-06	E0AE7	Solid	Benzo(a)anthracene	98.000	J	33	250	ug/Kg
P3481-06	E0AE7	Solid	Benzo(a)pyrene	110.000	J	45	250	ug/Kg
P3481-06	E0AE7	Solid	Benzo(b)fluoranthene	120.000	J	54	250	ug/Kg
P3481-06	E0AE7	Solid	Benzo(g,h,i)perylene	72.000	J	47	250	ug/Kg
P3481-06	E0AE7	Solid	Chrysene	95.000	J	35	250	ug/Kg
P3481-06	E0AE7	Solid	Fluoranthene	150.000	J	28	250	ug/Kg
P3481-06	E0AE7	Solid	Phenanthrene	49.000	J	39	250	ug/Kg
P3481-06	E0AE7	Solid	Pyrene	150.000	J	26	250	ug/Kg
Total Svoc :				844.00				
Total Concentration:				1,574.00				
Client ID : E0AE9								
P3481-07	E0AE9	Solid	(DEL) Alkane: Straight-Chain16.2 *	130.000	J			
P3481-07	E0AE9	Solid	1-Isopropenylnaphthalene *	310.000	J			
P3481-07	E0AE9	Solid	10,18-Bisnorabieta-5,7,9(10),11,1 *	210.000	J			
P3481-07	E0AE9	Solid	11H-Benzo[a]fluorene *	270.000	J			
P3481-07	E0AE9	Solid	11H-Benzo[b]fluorene *	320.000	J			
P3481-07	E0AE9	Solid	2,4,6-Cycloheptatrien-1-one, 2-ph *	460.000	J			
P3481-07	E0AE9	Solid	4H-Cyclopenta[def]phenanthrene *	1,800.000	J			
P3481-07	E0AE9	Solid	9,10-Dimethylantracene *	770.000	J			
P3481-07	E0AE9	Solid	9H-Fluorene, 2-methyl- *	430.000	J			
P3481-07	E0AE9	Solid	Anthracene, 2-methyl- *	1,000.000	J			
P3481-07	E0AE9	Solid	Benzo[e]pyrene *	460.000	J			
P3481-07	E0AE9	Solid	Benzo[j]fluoranthene *	390.000	J			
P3481-07	E0AE9	Solid	Dibenzofuran, 4-methyl- *	400.000	J			
P3481-07	E0AE9	Solid	Dibenzothiophene *	580.000	J			
P3481-07	E0AE9	Solid	Dibenzothiophene, 4-methyl- *	260.000	J			
P3481-07	E0AE9	Solid	Diphenylmethane *	310.000	J			
P3481-07	E0AE9	Solid	Indeno[2,1-a]indene, 5,10-dihydro *	370.000	J			
P3481-07	E0AE9	Solid	Naphthalene, 1,4,5-trimethyl- *	270.000	J			
P3481-07	E0AE9	Solid	Naphthalene, 1,4,6-trimethyl- *	220.000	J			
P3481-07	E0AE9	Solid	Naphthalene, 1,4-dimethyl- *	340.000	J			

Hit Summary Sheet
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SDG No.: BG081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3481-07	E0AE9	Solid	Naphthalene, 1,6,7-trimethyl-	*	320.000	J		
P3481-07	E0AE9	Solid	Naphthalene, 2,3,6-trimethyl-	*	310.000	J		
P3481-07	E0AE9	Solid	Naphthalene, 2,3-dimethyl-	*	810.000	J		
P3481-07	E0AE9	Solid	Naphthalene, 2,6-dimethyl-	*	530.000	J		
P3481-07	E0AE9	Solid	Naphthalene, 2-ethyl-	*	630.000	J		
P3481-07	E0AE9	Solid	Naphthalene, 2-phenyl-	*	540.000	J		
P3481-07	E0AE9	Solid	Nordiphenamid	*	320.000	J		
P3481-07	E0AE9	Solid	Phenanthrene, 1-methyl-	*	1,100.000	J		
P3481-07	E0AE9	Solid	Phenanthrene, 2-methyl-	*	580.000	J		
P3481-07	E0AE9	Solid	Phenanthrene, 3-methyl-	*	570.000	J		
P3481-07	E0AE9	Solid	unknown-01	*	290.000	J		
P3481-07	E0AE9	Solid	Total Alkanes	*	130.000		50	330 ug/Kg
Total Tics :				15,430.00				
P3481-07	E0AE9	Solid	1-Methylnaphthalene		790.000		46	330 ug/Kg
P3481-07	E0AE9	Solid	2-Methylnaphthalene		1,300.000		62	330 ug/Kg
P3481-07	E0AE9	Solid	Acenaphthene		1,500.000		50	330 ug/Kg
P3481-07	E0AE9	Solid	Acenaphthylene		110.000	J	56	330 ug/Kg
P3481-07	E0AE9	Solid	Acetophenone		280.000	J	130	640 ug/Kg
P3481-07	E0AE9	Solid	Anthracene		1,800.000		48	330 ug/Kg
P3481-07	E0AE9	Solid	Benzo(a)anthracene		2,000.000		44	330 ug/Kg
P3481-07	E0AE9	Solid	Benzo(a)pyrene		1,100.000		60	330 ug/Kg
P3481-07	E0AE9	Solid	Benzo(b)fluoranthene		1,800.000		71	330 ug/Kg
P3481-07	E0AE9	Solid	Benzo(g,h,i)perylene		120.000	J	62	330 ug/Kg
P3481-07	E0AE9	Solid	Benzo(k)fluoranthene		710.000		73	330 ug/Kg
P3481-07	E0AE9	Solid	Chrysene		1,600.000		46	330 ug/Kg
P3481-07	E0AE9	Solid	Dibenzo(a,h)anthracene		240.000	J	50	330 ug/Kg
P3481-07	E0AE9	Solid	Dibenzofuran		540.000		52	330 ug/Kg
P3481-07	E0AE9	Solid	Fluoranthene		4,400.000		37	330 ug/Kg
P3481-07	E0AE9	Solid	Fluorene		1,200.000		52	330 ug/Kg
P3481-07	E0AE9	Solid	Indeno(1,2,3-cd)pyrene		620.000		54	330 ug/Kg
P3481-07	E0AE9	Solid	Naphthalene		290.000	J	46	330 ug/Kg
P3481-07	E0AE9	Solid	Phenanthrene		5,200.000	E	52	330 ug/Kg
P3481-07	E0AE9	Solid	Pyrene		3,500.000		35	330 ug/Kg
Total Svoc :				29,100.00				
Total Concentration:				44,530.00				
Client ID :	E0AE9DL							
P3481-07DL	E0AE9DL	Solid	1,1-Biphenyl, 4-methyl-	*	310.000	JD		
P3481-07DL	E0AE9DL	Solid	1-Isopropenylnaphthalene	*	380.000	JD		
P3481-07DL	E0AE9DL	Solid	11H-Benzo[a]fluorene	*	480.000	JD		
P3481-07DL	E0AE9DL	Solid	11H-Benzo[b]fluorene	*	490.000	JD		

Hit Summary Sheet
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SDG No.: BG081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3481-07DL	E0AE9DL	Solid	1H-Indene, 2-phenyl-	*	550.000	JD		
P3481-07DL	E0AE9DL	Solid	3-(2-Naphthyl)acrylaldehyde	*	450.000	JD		
P3481-07DL	E0AE9DL	Solid	4-Methylnaphtho[1,2-b]thiophene	*	300.000	JD		
P3481-07DL	E0AE9DL	Solid	4H-Cyclopenta[def]phenanthrene	*	2,100.000	JD		
P3481-07DL	E0AE9DL	Solid	9,10-Dimethylanthracene	*	860.000	JD		
P3481-07DL	E0AE9DL	Solid	9H-Fluorene, 2-methyl-	*	520.000	JD		
P3481-07DL	E0AE9DL	Solid	Anthracene, 2-methyl-	*	1,300.000	JD		
P3481-07DL	E0AE9DL	Solid	Benz[a]anthracene, 7-methyl-	*	280.000	JD		
P3481-07DL	E0AE9DL	Solid	Benzo[e]pyrene	*	540.000	JD		
P3481-07DL	E0AE9DL	Solid	Dibenzofuran, 4-methyl-	*	550.000	JD		
P3481-07DL	E0AE9DL	Solid	Dibenzothiophene	*	640.000	JD		
P3481-07DL	E0AE9DL	Solid	Indeno[2,1-a]indene, 5,10-dihydro	*	410.000	JD		
P3481-07DL	E0AE9DL	Solid	Naphthalene, 1,3-dimethyl-	*	410.000	JD		
P3481-07DL	E0AE9DL	Solid	Naphthalene, 1,4,6-trimethyl-	*	370.000	JD		
P3481-07DL	E0AE9DL	Solid	Naphthalene, 1,6,7-trimethyl-	*	340.000	JD		
P3481-07DL	E0AE9DL	Solid	Naphthalene, 1,6-dimethyl-	*	590.000	JD		
P3481-07DL	E0AE9DL	Solid	Naphthalene, 1-ethyl-	*	750.000	JD		
P3481-07DL	E0AE9DL	Solid	Naphthalene, 2,3,6-trimethyl-	*	360.000	JD		
P3481-07DL	E0AE9DL	Solid	Naphthalene, 2,3-dimethyl-	*	950.000	JD		
P3481-07DL	E0AE9DL	Solid	Naphthalene, 2-phenyl-	*	630.000	JD		
P3481-07DL	E0AE9DL	Solid	Nordiphenamid	*	360.000	JD		
P3481-07DL	E0AE9DL	Solid	Perylene	*	370.000	JD		
P3481-07DL	E0AE9DL	Solid	Phenanthrene, 1-methyl-	*	1,200.000	JD		
P3481-07DL	E0AE9DL	Solid	Phenanthrene, 2-methyl-	*	670.000	JD		
P3481-07DL	E0AE9DL	Solid	Pyrene, 1-methyl-	*	290.000	JD		
P3481-07DL	E0AE9DL	Solid	unknown-01	*	450.000	JD		
P3481-07DL	E0AE9DL	Solid	Total Alkanes	*	0.000	D 100	660	ug/Kg
Total Tics :				17,900.00				
P3481-07DL	E0AE9DL	Solid	1-Methylnaphthalene		840.000	D 92	660	ug/Kg
P3481-07DL	E0AE9DL	Solid	2-Methylnaphthalene		1,400.000	D 120	660	ug/Kg
P3481-07DL	E0AE9DL	Solid	Acenaphthene		1,600.000	D 100	660	ug/Kg
P3481-07DL	E0AE9DL	Solid	Anthracene		2,000.000	D 96	660	ug/Kg
P3481-07DL	E0AE9DL	Solid	Benzo(a)anthracene		2,200.000	D 89	660	ug/Kg
P3481-07DL	E0AE9DL	Solid	Benzo(a)pyrene		1,200.000	D 120	660	ug/Kg
P3481-07DL	E0AE9DL	Solid	Benzo(b)fluoranthene		2,000.000	D 140	660	ug/Kg
P3481-07DL	E0AE9DL	Solid	Benzo(k)fluoranthene		700.000	D 150	660	ug/Kg
P3481-07DL	E0AE9DL	Solid	Chrysene		1,700.000	D 92	660	ug/Kg
P3481-07DL	E0AE9DL	Solid	Dibenzo(a,h)anthracene		260.000	JD 100	660	ug/Kg
P3481-07DL	E0AE9DL	Solid	Dibenzofuran		590.000	JD 100	660	ug/Kg
P3481-07DL	E0AE9DL	Solid	Fluoranthene		5,100.000	D 73	660	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3481-07DL	E0AE9DL	Solid	Fluorene	1,300.000	D	100	660	ug/Kg
P3481-07DL	E0AE9DL	Solid	Indeno(1,2,3-cd)pyrene	640.000	JD	110	660	ug/Kg
P3481-07DL	E0AE9DL	Solid	Naphthalene	320.000	JD	92	660	ug/Kg
P3481-07DL	E0AE9DL	Solid	Phenanthrene	6,100.000	D	100	660	ug/Kg
P3481-07DL	E0AE9DL	Solid	Pyrene	3,900.000	D	69	660	ug/Kg
Total Svoc :				31,850.00				
Total Concentration:				49,750.00				
Client ID : E0AE4								
P3481-08	E0AE4	Solid	(S)-(+)-1,2-Propanediol	*	170.000	J		
P3481-08	E0AE4	Solid	1-Heneicosyl formate	*	140.000	J		
P3481-08	E0AE4	Solid	1-Phenoxypropan-2-ol	*	160.000	J		
P3481-08	E0AE4	Solid	Hexanedioic acid, bis(2-ethylhexy	*	130.000	J		
P3481-08	E0AE4	Solid	n-Hexadecanoic acid	*	150.000	J		
P3481-08	E0AE4	Solid	Total Alkanes	*	0.000	36	240	ug/Kg
Total Tics :				750.00				
Total Concentration:				750.00				
Client ID : E0AF0								
P3481-14	E0AF0	Solid	1-Heneicosanol	*	330.000	J		
P3481-14	E0AF0	Solid	1-Phenoxypropan-2-ol	*	230.000	J		
P3481-14	E0AF0	Solid	n-Hexadecanoic acid	*	680.000	J		
P3481-14	E0AF0	Solid	Octadecanoic acid	*	420.000	J		
P3481-14	E0AF0	Solid	unknown-01	*	180.000	J		
P3481-14	E0AF0	Solid	Total Alkanes	*	0.000	40	260	ug/Kg
P3481-14	E0AF0	Solid	(S)-(+)-1,2-Propanediol	*	170.000	J		
P3481-14	E0AF0	Solid	1-Phenoxypropan-2-ol	*	230.000	J		
P3481-14	E0AF0	Solid	n-Hexadecanoic acid	*	690.000	J		
P3481-14	E0AF0	Solid	Octadecanoic acid	*	400.000	J		
P3481-14	E0AF0	Solid	Trichloroacetic acid, hexadecyl es	*	160.000	J		
P3481-14	E0AF0	Solid	Total Alkanes	*	0.000	40	260	ug/Kg
Total Tics :				3,490.00				
Total Concentration:				3,490.00				
Client ID : E0AF2								
P3481-17	E0AF2	Solid	[1,1-Biphenyl]-4-carboxaldehyde	*	170.000	J		
P3481-17	E0AF2	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P3481-17	E0AF2	Solid	11H-Benzo[a]fluorene	*	110.000	J		
P3481-17	E0AF2	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	140.000	J		
P3481-17	E0AF2	Solid	4H-Cyclopenta[def]phenanthrene	*	620.000	J		
P3481-17	E0AF2	Solid	6H-Dibenzo[b,d]-pyran	*	230.000	J		
P3481-17	E0AF2	Solid	9,10-Bis(bromomethyl)anthracene	*	120.000	J		

Hit Summary Sheet
SW-846

SDG No.: BG081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3481-17	E0AF2	Solid	9,10-Dimethylanthracene	*	170.000	J		
P3481-17	E0AF2	Solid	9H-Fluorene, 2-methyl-	*	130.000	J		
P3481-17	E0AF2	Solid	Acridine	*	120.000	J		
P3481-17	E0AF2	Solid	Anthracene, 2-methyl-	*	310.000	J		
P3481-17	E0AF2	Solid	Benzo[e]pyrene	*	210.000	J		
P3481-17	E0AF2	Solid	Benzo[j]fluoranthene	*	200.000	J		
P3481-17	E0AF2	Solid	Cyclopenta[cd]pyrene	*	110.000	J		
P3481-17	E0AF2	Solid	Dibenzo[a,e]cyclooctene	*	84.000	J		
P3481-17	E0AF2	Solid	Dibenzothiophene	*	210.000	J		
P3481-17	E0AF2	Solid	Fluoranthene, 2-methyl-	*	190.000	J		
P3481-17	E0AF2	Solid	Naphthalene, 1,2-dimethyl-	*	98.000	J		
P3481-17	E0AF2	Solid	Naphthalene, 1,4,6-trimethyl-	*	90.000	J		
P3481-17	E0AF2	Solid	Naphthalene, 1,6,7-trimethyl-	*	130.000	J		
P3481-17	E0AF2	Solid	Naphthalene, 2,3,6-trimethyl-	*	95.000	J		
P3481-17	E0AF2	Solid	Naphthalene, 2,3-dimethyl-	*	210.000	J		
P3481-17	E0AF2	Solid	Naphthalene, 2,6-dimethyl-	*	96.000	J		
P3481-17	E0AF2	Solid	Naphthalene, 2-phenyl-	*	270.000	J		
P3481-17	E0AF2	Solid	Phenanthrene, 2,5-dimethyl-	*	250.000	J		
P3481-17	E0AF2	Solid	Phenanthrene, 2-methyl-	*	330.000	J		
P3481-17	E0AF2	Solid	Phenanthrene, 3-methyl-	*	190.000	J		
P3481-17	E0AF2	Solid	Pyrene, 1-methyl-	*	98.000	J		
P3481-17	E0AF2	Solid	unknown-01	*	92.000	J		
P3481-17	E0AF2	Solid	unknown-02	*	120.000	J		
P3481-17	E0AF2	Solid	Total Alkanes	*	0.000	J 32	210	ug/Kg
Total Tics :				5,323.00				
P3481-17	E0AF2	Solid	1,1-Biphenyl		110.000	J 32	210	ug/Kg
P3481-17	E0AF2	Solid	1-Methylnaphthalene		140.000	J 30	210	ug/Kg
P3481-17	E0AF2	Solid	Acenaphthene		520.000	J 32	210	ug/Kg
P3481-17	E0AF2	Solid	Acenaphthylene		150.000	J 36	210	ug/Kg
P3481-17	E0AF2	Solid	Acetophenone		130.000	J 82	410	ug/Kg
P3481-17	E0AF2	Solid	Anthracene		740.000	J 31	210	ug/Kg
P3481-17	E0AF2	Solid	Benzo(a)anthracene		930.000	J 29	210	ug/Kg
P3481-17	E0AF2	Solid	Benzo(a)pyrene		520.000	J 39	210	ug/Kg
P3481-17	E0AF2	Solid	Benzo(b)fluoranthene		950.000	J 46	210	ug/Kg
P3481-17	E0AF2	Solid	Benzo(g,h,i)perylene		51.000	J 40	210	ug/Kg
P3481-17	E0AF2	Solid	Benzo(k)fluoranthene		340.000	J 47	210	ug/Kg
P3481-17	E0AF2	Solid	Butylbenzylphthalate		120.000	J 27	210	ug/Kg
P3481-17	E0AF2	Solid	Carbazole		92.000	J 42	410	ug/Kg
P3481-17	E0AF2	Solid	Chrysene		850.000	J 30	210	ug/Kg
P3481-17	E0AF2	Solid	Dibenzo(a,h)anthracene		110.000	J 32	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3481-17	E0AF2	Solid	Dibenzofuran	290.000		34	210	ug/Kg
P3481-17	E0AF2	Solid	Fluoranthene	2,300.000		24	210	ug/Kg
P3481-17	E0AF2	Solid	Fluorene	440.000		34	210	ug/Kg
P3481-17	E0AF2	Solid	Indeno(1,2,3-cd)pyrene	300.000		35	210	ug/Kg
P3481-17	E0AF2	Solid	Naphthalene	62.000	J	30	210	ug/Kg
P3481-17	E0AF2	Solid	Phenanthrene	1,800.000		34	210	ug/Kg
P3481-17	E0AF2	Solid	Pyrene	1,600.000		22	210	ug/Kg
Total Svoc :				12,545.00				
Total Concentration:				17,868.00				

Client ID : DCXT6

P3502-02	DCXT6	Solid	(3S,8S,9S,10R,13R,14S,17R)-17- *	180.000	J			
P3502-02	DCXT6	Solid	(DEL) Alkane: Cyclic25.924 *	96.000	J			
P3502-02	DCXT6	Solid	(DEL) Alkane: Straight-Chain21.2 *	140.000	J			
P3502-02	DCXT6	Solid	(DEL) Alkane: Straight-Chain23.8 *	170.000	J			
P3502-02	DCXT6	Solid	(DEL) Alkane: Straight-Chain25.8 *	240.000	J			
P3502-02	DCXT6	Solid	(DEL) Alkane: Straight-Chain28.6 *	140.000	J			
P3502-02	DCXT6	Solid	1-Heneicosyl formate *	160.000	J			
P3502-02	DCXT6	Solid	5,6-Dimethoxy-1-indanone *	100.000	J			
P3502-02	DCXT6	Solid	Dehydroabietic acid *	84.000	J			
P3502-02	DCXT6	Solid	n-Hexadecanoic acid *	190.000	J			
P3502-02	DCXT6	Solid	Octadecanoic acid *	87.000	J			
P3502-02	DCXT6	Solid	unknown-01 *	170.000	J			
P3502-02	DCXT6	Solid	Total Alkanes *	790.000		29	190	ug/Kg
Total Tics :				2,547.00				
Total Concentration:				2,547.00				

Client ID : DCXT7

P3502-03	DCXT7	Solid	(DEL) Alkane: Cyclic23.863 *	120.000	J			
P3502-03	DCXT7	Solid	(DEL) Alkane: Straight-Chain21.2 *	190.000	J			
P3502-03	DCXT7	Solid	(DEL) Alkane: Straight-Chain22.3 *	240.000	J			
P3502-03	DCXT7	Solid	(DEL) Alkane: Straight-Chain23.8 *	170.000	J			
P3502-03	DCXT7	Solid	(DEL) Alkane: Straight-Chain25.8 *	190.000	J			
P3502-03	DCXT7	Solid	(DEL) Alkane: Straight-Chain28.6 *	260.000	J			
P3502-03	DCXT7	Solid	.gamma.-Sitosterol *	380.000	J			
P3502-03	DCXT7	Solid	1-Phenoxypropan-2-ol *	110.000	J			
P3502-03	DCXT7	Solid	Heptafluorobutyric acid, hexadecy *	180.000	J			
P3502-03	DCXT7	Solid	Hexadecenoic acid, Z-11- *	110.000	J			
P3502-03	DCXT7	Solid	n-Hexadecanoic acid *	430.000	J			
P3502-03	DCXT7	Solid	Octadecanal *	130.000	J			
P3502-03	DCXT7	Solid	Octadecanoic acid *	96.000	J			

Hit Summary Sheet
SW-846

SDG No.: BG081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3502-03	DCXT7	Solid	Oxirane, heptadecyl-	*	130.000	J		
P3502-03	DCXT7	Solid	Xanthoxylin	*	110.000	J		
P3502-03	DCXT7	Solid	Total Alkanes	*	1,200.000	30	200	ug/Kg
P3502-03	DCXT7	Solid	(DEL) Alkane: Cyclic21.225	*	200.000	J		
P3502-03	DCXT7	Solid	(DEL) Alkane: Straight-Chain23.8	*	200.000	J		
P3502-03	DCXT7	Solid	(DEL) Alkane: Straight-Chain25.8	*	200.000	J		
P3502-03	DCXT7	Solid	(DEL) Alkane: Straight-Chain27.0	*	150.000	J		
P3502-03	DCXT7	Solid	.gamma.-Sitosterol	*	370.000	J		
P3502-03	DCXT7	Solid	1,19-Eicosadiene	*	130.000	J		
P3502-03	DCXT7	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P3502-03	DCXT7	Solid	Behenic alcohol	*	140.000	J		
P3502-03	DCXT7	Solid	n-Hexadecanoic acid	*	460.000	J		
P3502-03	DCXT7	Solid	Octacosanol	*	210.000	J		
P3502-03	DCXT7	Solid	Octadecanal	*	140.000	J		
P3502-03	DCXT7	Solid	Octadecanoic acid	*	110.000	J		
P3502-03	DCXT7	Solid	Palmitoleic acid	*	110.000	J		
P3502-03	DCXT7	Solid	Stigmasterol	*	280.000	J		
P3502-03	DCXT7	Solid	Trifluoroacetoxy hexadecane	*	240.000	J		
P3502-03	DCXT7	Solid	Xanthoxylin	*	110.000	J		
P3502-03	DCXT7	Solid	Total Alkanes	*	750.000	30	200	ug/Kg
Total Tics :					7,956.00			
Total Concentration:					7,956.00			
Client ID : DCXT8								
P3502-04	DCXT8	Solid	(DEL) Alkane: Cyclic21.228	*	90.000	J		
P3502-04	DCXT8	Solid	(DEL) Alkane: Straight-Chain22.3	*	88.000	J		
P3502-04	DCXT8	Solid	(DEL) Alkane: Straight-Chain23.0	*	93.000	J		
P3502-04	DCXT8	Solid	(DEL) Alkane: Straight-Chain25.8	*	100.000	J		
P3502-04	DCXT8	Solid	n-Hexadecanoic acid	*	160.000	J		
P3502-04	DCXT8	Solid	Total Alkanes	*	370.000	28	190	ug/Kg
P3502-04	DCXT8	Solid	(DEL) Alkane: Straight-Chain21.2	*	110.000	J		
P3502-04	DCXT8	Solid	(DEL) Alkane: Straight-Chain22.3	*	81.000	J		
P3502-04	DCXT8	Solid	(DEL) Alkane: Straight-Chain23.8	*	110.000	J		
P3502-04	DCXT8	Solid	(DEL) Alkane: Straight-Chain25.7	*	140.000	J		
P3502-04	DCXT8	Solid	(DEL) Alkane: Straight-Chain27.0	*	170.000	J		
P3502-04	DCXT8	Solid	(DEL) Alkane: Straight-Chain28.0	*	100.000	J		
P3502-04	DCXT8	Solid	n-Hexadecanoic acid	*	170.000	J		
P3502-04	DCXT8	Solid	Total Alkanes	*	710.000	28	190	ug/Kg
Total Tics :					2,492.00			
P3502-04	DCXT8	Solid	Bis(2-ethylhexyl)phthalate		150.000	J 27	190	ug/Kg
P3502-04	DCXT8	Solid	Bis(2-ethylhexyl)phthalate		160.000	J 27	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG081524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Svoc :				310.00				
Total Concentration:				2,802.00				
Client ID : DCXT9								
P3502-05	DCXT9	Solid	(DEL) Alkane: Cyclic21.225	*	200.000	J		
P3502-05	DCXT9	Solid	(DEL) Alkane: Straight-Chain22.3	*	260.000	J		
P3502-05	DCXT9	Solid	(DEL) Alkane: Straight-Chain23.8	*	260.000	J		
P3502-05	DCXT9	Solid	(DEL) Alkane: Straight-Chain23.8	*	110.000	J		
P3502-05	DCXT9	Solid	(DEL) Alkane: Straight-Chain25.8	*	280.000	J		
P3502-05	DCXT9	Solid	(DEL) Alkane: Straight-Chain28.6	*	170.000	J		
P3502-05	DCXT9	Solid	.gamma.-Sitosterol	*	230.000	J		
P3502-05	DCXT9	Solid	1-Phenoxypropan-2-ol	*	81.000	J		
P3502-05	DCXT9	Solid	n-Hexadecanoic acid	*	290.000	J		
P3502-05	DCXT9	Solid	Octachlorodibenzo-p-dioxin	*	170.000	J		
P3502-05	DCXT9	Solid	Octacosanol	*	130.000	J		
P3502-05	DCXT9	Solid	Octadecanoic acid	*	190.000	J		
P3502-05	DCXT9	Solid	Total Alkanes	*	1,300.000	29	190	ug/Kg
Total Tics :				3,671.00				
Total Concentration:				3,671.00				
Client ID : E0AD6								
P3533-07	E0AD6	Water	Avocadenofuran	*	3.300	J		
P3533-07	E0AD6	Water	Total Alkanes	*	0.000	0.99	5	ug/L
Total Tics :				3.30				
Total Concentration:				3.30				
Client ID : E0AB3								
P3533-09	E0AB3	Water	1-Phenoxypropan-2-ol	*	2.400	J		
P3533-09	E0AB3	Water	n-Hexadecanoic acid	*	4.200	J		
P3533-09	E0AB3	Water	Trichloroacetic acid, hexadecyl es	*	2.600	J		
P3533-09	E0AB3	Water	Total Alkanes	*	0.000	0.99	5	ug/L
Total Tics :				9.20				
Total Concentration:				9.20				
Client ID : E0AB4								
P3533-10	E0AB4	Water	(DEL) Alkane: Straight-Chain21.2	*	3.600	J		
P3533-10	E0AB4	Water	1-Phenoxypropan-2-ol	*	2.500	J		
P3533-10	E0AB4	Water	n-Hexadecanoic acid	*	3.200	J		
P3533-10	E0AB4	Water	Propane, 2-ethoxy-	*	2.100	J		
P3533-10	E0AB4	Water	Total Alkanes	*	3.600	1	5.1	ug/L
Total Tics :				15.00				
Total Concentration:				15.00				

Hit Summary Sheet SW-846

SDG No.: BG081524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID :		E0AA9						
P3533-12	E0AA9	Water	Tridecanoic acid	*	2.200	J		
P3533-12	E0AA9	Water	Total Alkanes	*	0.000	0.99	5	ug/L
Total Tics :					2.20			
Total Concentration:					2.20			
Client ID :		E0AB2						
P3533-13	E0AB2	Water	1-Phenoxypropan-2-ol	*	2.400	J		
P3533-13	E0AB2	Water	n-Hexadecanoic acid	*	3.200	J		
P3533-13	E0AB2	Water	Trifluoroacetoxy hexadecane	*	2.900	J		
P3533-13	E0AB2	Water	Total Alkanes	*	0.000	1	5.1	ug/L
Total Tics :					8.50			
Total Concentration:					8.50			
Client ID :		E0AB1						
P3533-15	E0AB1	Water	(DEL) Alkane: Cyclic21.224	*	2.700	J		
P3533-15	E0AB1	Water	1-Phenoxypropan-2-ol	*	2.200	J		
P3533-15	E0AB1	Water	n-Hexadecanoic acid	*	2.300	J		
P3533-15	E0AB1	Water	Total Alkanes	*	2.700	0.99	5	ug/L
Total Tics :					9.90			
Total Concentration:					9.90			
Client ID :		SVOC-GPC-BLANK						
P3542-05	SVOC-GPC-BLANK	Solid	Phenol, 4,4-(1-methylethylidene)t	*	220.000	J		
P3542-05	SVOC-GPC-BLANK	Solid	Total Alkanes	*	0.000	78	510	ug/Kg
Total Tics :					220.00			
Total Concentration:					220.00			
Client ID :		SVOC-GPC2-BLANK						
P3542-10	SVOC-GPC2-BLANK	Solid	Phenol, 4,4-(1-methylethylidene)t	*	270.000	J		
P3542-10	SVOC-GPC2-BLANK	Solid	Total Alkanes	*	0.000	78	510	ug/Kg
Total Tics :					270.00			
Total Concentration:					270.00			

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG081424 SAS No.: BG081424 SDG No.: BG081424

Instrument ID: _____ Calibration Date(s): 8/14/2024 : _____

Calibration Time(s): 11:30 _____

LAB FILE ID: RRF _{FAL1} = BG062390.D RRF _{FAL2} = BG062391.D RRF _{FAL3} = BG062392.D								
RRF _{FAL4} = BG062393.D RRF _{FAL5} = BG062394.D RRF _{FAL6} = BG062395.D								
COMPOUND	RRF _{FAL1}	RRF _{FAL2}	RRF _{FAL3}	RRF _{FAL4}	RRF _{FAL5}	RRF _{FAL6}	RRF	% RSD
1,4-Dioxane	0.568	0.675	0.530	0.522	0.517		0.562	11.8
Benzaldehyde		1.249	1.281	1.121	0.848	0.658	1.031	26.1
Pyridine		1.781	1.716	1.650	1.693	1.603	1.689	4.0
Hexachloroethane	0.497	0.591	0.574	0.554	0.581		0.559	6.6
Nitrobenzene	0.287	0.360	0.365	0.393	0.407		0.362	12.9
Isophorone	0.775	0.901	0.883	0.861	0.857		0.856	5.7
2-Nitrophenol	0.089	0.129	0.145	0.166	0.184		0.143	25.7
2,4-Dimethylphenol	0.332	0.413	0.397	0.397	0.405		0.389	8.3
Bis(2-Chloroethoxy)methane	0.448	0.503	0.484	0.472	0.473		0.476	4.1
2,4-Dichlorophenol	0.279	0.349	0.345	0.343	0.352		0.334	9.2
Naphthalene	1.083	1.267	1.170	1.157	1.123		1.160	5.9
4-Chloroaniline		0.526	0.505	0.502	0.500	0.472	0.501	3.8
Hexachlorobutadiene	0.239	0.273	0.255	0.254	0.247		0.254	5.1
Phenol		2.007	2.049	2.050	2.171	2.161	2.088	3.5
Caprolactam		0.136	0.139	0.139	0.133	0.125	0.135	4.3
4-Chloro-3-methylphenol	0.301	0.399	0.417	0.416	0.420		0.390	13.0
1-Methylnaphthalene	0.766	0.898	0.858	0.833	0.824		0.836	5.8
2-Methylnaphthalene	0.744	0.892	0.827	0.827	0.806		0.819	6.5
Hexachlorocyclopentadiene		0.322	0.317	0.338	0.364	0.371	0.342	7.1
2,4,6-Trichlorophenol	0.309	0.379	0.403	0.406	0.424		0.384	11.7
2,4,5-Trichlorophenol	0.293	0.408	0.422	0.430	0.463		0.403	16.1
1,1-Biphenyl	1.441	1.640	1.531	1.491	1.473		1.515	5.1
2-Chloronaphthalene	1.099	1.271	1.176	1.155	1.162		1.172	5.3
2-Nitroaniline	0.192	0.281	0.320	0.347	0.379		0.304	23.7
Bis(2-Chloroethyl)ether		1.560	1.565	1.521	1.567	1.511	1.545	1.7
Dimethylphthalate	1.453	1.704	1.616	1.579	1.533		1.577	5.9
2,6-Dinitrotoluene	0.152	0.200	0.227	0.264	0.283		0.225	23.2
Acenaphthylene	1.727	1.993	1.864	1.837	1.801		1.844	5.3
3-Nitroaniline		0.233	0.265	0.280	0.257	0.249	0.257	6.8
Acenaphthene	1.310	1.487	1.403	1.367	1.335		1.380	5.0
2,4-Dinitrophenol		0.104	0.120	0.140	0.164	0.183	0.142	22.4
4-Nitrophenol		0.187	0.206	0.225	0.227	0.220	0.213	7.8
Dibenzofuran	1.828	2.100	1.979	1.928	1.872		1.942	5.4
2,4-Dinitrotoluene	0.220	0.310	0.365	0.399	0.421		0.343	23.5
Diethylphthalate	1.418	1.712	1.644	1.560	1.536		1.574	7.1
2-Chlorophenol	1.169	1.444	1.440	1.449	1.528		1.406	9.8

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG081424 SAS No.: BG081424 SDG No.: BG081424

Instrument ID: _____ Calibration Date(s): 8/14/2024 : _____

Calibration Time(s): 11:30 _____

LAB FILE ID:		RRFAL1 = BG062390.D		RRFAL2 = BG062391.D		RRFAL3 = BG062392.D		
		RRFAL4 = BG062393.D		RRFAL5 = BG062394.D		RRFAL6 = BG062395.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.483	1.657	1.575	1.512	1.425		1.530	5.8
4-Chlorophenyl-phenylether	0.759	0.851	0.810	0.779	0.733		0.786	5.8
4-Nitroaniline		0.251	0.292	0.293	0.262	0.244	0.268	8.5
4,6-Dinitro-2-methylphenol		0.076	0.087	0.105	0.119	0.125	0.102	20.4
N-Nitrosodiphenylamine	0.533	0.619	0.586	0.583	0.578		0.580	5.3
1,2,4,5-Tetrachlorobenzene	0.645	0.722	0.662	0.653	0.657		0.668	4.6
4-Bromophenyl-phenylether	0.202	0.238	0.225	0.228	0.229		0.224	6.0
Hexachlorobenzene	0.243	0.281	0.264	0.261	0.259		0.262	5.2
Atrazine		0.268	0.245	0.242	0.236	0.219	0.242	7.3
Pentachlorophenol		0.134	0.139	0.155	0.167	0.168	0.153	10.3
2-Methylphenol		1.535	1.581	1.516	1.648	1.575	1.571	3.2
Phenanthrene	1.077	1.234	1.135	1.112	1.061		1.124	6.1
Pentachlorobenzene	0.288	0.320	0.294	0.296	0.301		0.300	4.1
Anthracene	1.079	1.263	1.170	1.151	1.093		1.151	6.4
1,2,3,4-Tetrachlorobenzene	0.269	0.302	0.279	0.283	0.297		0.286	4.7
Carbazole		1.100	0.996	0.986	0.928	0.825	0.967	10.4
Di-n-butylphthalate	0.998	1.302	1.193	1.179	1.113		1.157	9.7
Fluoranthene	1.174	1.369	1.384	1.320	1.296		1.309	6.4
Pyrene	1.285	1.497	1.480	1.428	1.362		1.410	6.2
Butylbenzylphthalate	0.371	0.478	0.494	0.514	0.518		0.475	12.7
3,3-Dichlorobenzidine		0.509	0.486	0.470	0.396	0.321	0.437	17.6
2,2-oxybis (1-Chloropropane)		3.302	3.240	3.101	3.233	3.066	3.189	3.1
Benzo (a) anthracene	1.368	1.572	1.476	1.448	1.394		1.452	5.5
Chrysene	1.328	1.493	1.397	1.346	1.317		1.376	5.3
Bis (2-ethylhexyl) phthalate	0.552	0.722	0.732	0.742	0.722		0.694	11.5
Di-n-octyl phthalate		1.065	1.073	1.107	1.110	0.979	1.067	5.0
Benzo (b) fluoranthene	1.108	1.300	1.197	1.225	1.212		1.208	5.7
Benzo (k) fluoranthene	1.140	1.312	1.235	1.220	1.190		1.220	5.2
Benzo (a) pyrene	1.070	1.202	1.142	1.143	1.136		1.139	4.1
Indeno (1,2,3-cd) pyrene	1.303	1.513	1.439	1.483	1.501		1.448	5.9
Dibenzo (a,h) anthracene	1.063	1.225	1.167	1.203	1.210		1.173	5.6
Benzo (g,h,i) perylene	1.010	1.162	1.104	1.132	1.158		1.113	5.6
Acetophenone		2.753	2.807	2.686	2.793	2.621	2.732	2.8
2,3,4,6-Tetrachlorophenol	0.298	0.394	0.399	0.422	0.426		0.388	13.4
1,4-Dioxane-d8	0.520	0.557	0.568	0.504	0.484		0.527	6.7
Pyridine-d5		1.700	1.597	1.602	1.597	1.531	1.605	3.8

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.: BG081424 SAS No.: BG081424 SDG No.: BG081424
Instrument ID: _____ Calibration Date(s): 8/14/2024 : _____
Calibration Time(s): 11:30 _____

LAB FILE ID:		RRFAL1 = BG062390.D			RRFAL2 = BG062391.D		RRFAL3 = BG062392.D	
		RRFAL4 = BG062393.D			RRFAL5 = BG062394.D		RRFAL6 = BG062395.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.928	1.946	1.927	2.060	2.087	1.990	3.9
Bis-(2-Chloroethyl)ether-d8		1.303	1.283	1.207	1.256	1.217	1.253	3.3
2-Chlorophenol-d4	1.159	1.399	1.382	1.385	1.471		1.359	8.6
4-Methylphenol-d8		1.574	1.676	1.622	1.752	1.715	1.668	4.3
Nitrobenzene-d5	0.094	0.127	0.131	0.139	0.149		0.128	16.1
2-Nitrophenol-d4	0.087	0.117	0.127	0.145	0.163		0.128	22.7
2,4-Dichlorophenol-d3	0.260	0.342	0.334	0.341	0.347		0.325	11.2
4-Chloroaniline-d4		0.549	0.514	0.516	0.512	0.486	0.515	4.4
4-Methylphenol		1.739	1.801	1.741	1.878	1.838	1.799	3.4
Dimethylphthalate-d6	1.408	1.679	1.606	1.565	1.519		1.556	6.5
Acenaphthylene-d8	1.590	1.841	1.765	1.727	1.689		1.723	5.4
4-Nitrophenol-d4		0.217	0.246	0.262	0.265	0.251	0.248	7.7
Fluorene-d10	1.306	1.502	1.439	1.400	1.370		1.403	5.2
4,6-Dinitro-2-methylphenol-		0.067	0.078	0.091	0.105	0.114	0.091	21.2
Anthracene-d10	0.900	1.047	0.966	0.961	0.931		0.961	5.7
Pyrene-d10	1.062	1.225	1.216	1.192	1.161		1.171	5.6
Benzo(a)pyrene-d12	0.978	1.124	1.059	1.074	1.072		1.061	5.0
N-Nitroso-di-n-propylamine	1.179	1.504	1.521	1.463	1.542		1.442	10.4

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.: BG081524 SAS No.: BG081524 SDG NO.: BG081524

EPA Sample No.: SSTD020433

Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BG062392.D

Time Analyzed: 09:53

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	43047	7.959	211186	10.76	168321	14.58
	UPPER LIMIT	86094	8.459	422372	11.255	336642	15.079
	LOWER LIMIT	21523.5	7.459	105593	10.255	84160.5	14.079
	EPA SAMPLE NO.						
01	SBLK679	56791	7.96	272587	10.75	217347	14.58
02	E0AE9	56532	7.96	265912	10.75	208141	14.58
03	E0AE7	65426	7.96	306570	10.75	229629	14.58
04	E0AE4	77174	7.95	340573	10.75	236242	14.58
05	E0AE4MS	76215	7.96	353380	10.75	258188	14.58
06	E0AE4MSD	85213	7.96	369019	10.75	283351	14.58
07	E0AF2	69428	7.96	302446	10.75	232005	14.58
08	E0AF0	83848	7.96	356728	10.75	258369	14.58
09	DCXT6	63777	7.96	278629	10.75	219483	14.58
10	DCXT7	85760	7.96	372298	10.75	271704	14.58
11	DCXT8	81613	7.96	376513	10.75	284874	14.58
12	DCXT9	75773	7.96	349252	10.75	269180	14.58
13	SBLK649	70649	7.96	333022	10.75	257150	14.57
14	SVOC-GPC2-BLANK	68724	7.96	325019	10.75	246886	14.58
15	SVOC-GPC-BLANK	65140	7.95	314350	10.75	241268	14.58
16	SBLK707	64392	7.96	311397	10.75	239142	14.57
17	E0AF0	88467 *	7.96	382013	10.75	283538	14.57
18	DCXT7	89169 *	7.96	402832	10.75	299092	14.58
19	E0AD6	69189	7.96	313692	10.75	239943	14.58
20	E0AB3	69478	7.96	327318	10.75	249475	14.57
21	E0AB4	67359	7.95	336473	10.75	250666	14.58
22	E0AA9	66784	7.96	314673	10.75	234438	14.57
23	E0AB2	60050	7.96	291909	10.75	210060	14.58

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG081524 SAS No.: BG081524 SDG NO.: BG081524

EPA Sample No.: SSTD020433 Date Analyzed: Aug 16 2024 12:00AM

Lab File ID: BG062392.D Time Analyzed: 02:15

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	43047	7.959	211186	10.76	168321	14.58
UPPER LIMIT	86094	8.459	422372	11.255	336642	15.079
LOWER LIMIT	21523.5	7.459	105593	10.255	84160.5	14.079
EPA SAMPLE NO.						
24 E0AB1	69636	7.95	334539	10.75	238606	14.57
25 E0AE9DL	73931	7.96	350956	10.75	255533	14.57
26 DCXT8	65726	7.95	311254	10.75	230727	14.57
27 SLCS707	68384	7.96	329751	10.75	241365	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.: BG081524 SAS No.: BG081524 SDG NO.: BG081524

EPA Sample No.: SSTD020456 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BG062407.D Time Analyzed: 09:53

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	38024	7.952	184440	10.75	146666	14.58
UPPER LIMIT	76048	8.452	368880	11.248	293332	15.078
LOWER LIMIT	19012	7.452	92220	10.248	73333	14.078
EPA SAMPLE NO.						
01 SBLK679	56791	7.96	272587	10.75	217347	14.58
02 E0AE9	56532	7.96	265912	10.75	208141	14.58
03 E0AE7	65426	7.96	306570	10.75	229629	14.58
04 E0AE4	77174 *	7.95	340573	10.75	236242	14.58
05 E0AE4MS	76215 *	7.96	353380	10.75	258188	14.58
06 E0AE4MSD	85213 *	7.96	369019 *	10.75	283351	14.58
07 E0AF2	69428	7.96	302446	10.75	232005	14.58
08 E0AF0	83848 *	7.96	356728	10.75	258369	14.58
09 DCXT6	63777	7.96	278629	10.75	219483	14.58
10 DCXT7	85760 *	7.96	372298 *	10.75	271704	14.58
11 DCXT8	81613 *	7.96	376513 *	10.75	284874	14.58
12 DCXT9	75773	7.96	349252	10.75	269180	14.58

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG081524 SAS No.: BG081524 SDG NO.: BG081524

EPA Sample No.: SSTD020457 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BG062420.D Time Analyzed: 18:44

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	59220	7.954	280667	10.75	217413	14.57
UPPER LIMIT	118440	8.454	561334	11.25	434826	15.074
LOWER LIMIT	29610	7.454	140333.5	10.25	108706.5	14.074
EPA SAMPLE NO.						
01 SBLK649	70649	7.96	333022	10.75	257150	14.57
02 SVOC-GPC2-BLANK	68724	7.96	325019	10.75	246886	14.58
03 SVOC-GPC-BLANK	65140	7.95	314350	10.75	241268	14.58
04 SBLK707	64392	7.96	311397	10.75	239142	14.57
05 E0AF0	88467	7.96	382013	10.75	283538	14.57
06 DCXT7	89169	7.96	402832	10.75	299092	14.58
07 E0AD6	69189	7.96	313692	10.75	239943	14.58
08 E0AB3	69478	7.96	327318	10.75	249475	14.57
09 E0AB4	67359	7.95	336473	10.75	250666	14.58
10 E0AA9	66784	7.96	314673	10.75	234438	14.57
11 E0AB2	60050	7.96	291909	10.75	210060	14.58
12 E0AB1	69636	7.95	334539	10.75	238606	14.57
13 E0AE9DL	73931	7.96	350956	10.75	255533	14.57
14 DCXT8	65726	7.95	311254	10.75	230727	14.57
15 SLCS707	68384	7.96	329751	10.75	241365	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.: BG081524 SAS No.: BG081524 SDG NO.: BG081524

EPA Sample No.: SSTD020433 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BG062392.D Time Analyzed: 09:53

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	412397	17.317	414377	21.564	478376	24.654
	UPPER LIMIT	824794	17.817	828754	22.064	956752	25.154
	LOWER LIMIT	206198.5	16.817	207188.5	21.064	239188	24.154
	EPA SAMPLE NO.						
01	SBLK679	537893	17.32	557296	21.56	648850	24.65
02	E0AE9	484460	17.32	462865	21.56	548451	24.65
03	E0AE7	527097	17.32	509089	21.56	592444	24.65
04	E0AE4	556705	17.32	611690	21.55	690466	24.65
05	E0AE4MS	561379	17.32	546073	21.56	611550	24.65
06	E0AE4MSD	632914	17.32	631296	21.56	692459	24.66
07	E0AF2	525242	17.32	513243	21.56	606064	24.65
08	E0AF0	545054	17.31	531664	21.56	622312	24.65
09	DCXT6	517501	17.32	507510	21.56	592550	24.64
10	DCXT7	585487	17.32	568299	21.56	652736	24.65
11	DCXT8	626324	17.32	617253	21.56	708932	24.65
12	DCXT9	582062	17.31	574203	21.55	658857	24.65
13	SBLK649	560093	17.32	554828	21.56	635668	24.65
14	SVOC-GPC2-BLANK	537305	17.31	534171	21.55	621097	24.64
15	SVOC-GPC-BLANK	522548	17.31	515937	21.55	612778	24.64
16	SBLK707	518865	17.32	507990	21.55	595848	24.64
17	E0AF0	605964	17.32	601173	21.55	711338	24.65
18	DCXT7	644112	17.31	637302	21.55	734192	24.64
19	E0AD6	508861	17.32	496208	21.56	571549	24.65
20	E0AB3	536540	17.32	526050	21.56	599415	24.65
21	E0AB4	523401	17.31	522773	21.55	598350	24.64

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG081524 SAS No.: BG081524 SDG NO.: BG081524

EPA Sample No.: SSTD020433 Date Analyzed: Aug 16 2024 12:00AM

Lab File ID: BG062392.D Time Analyzed: 00:53

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	412397	17.317	414377	21.564	478376	24.654
UPPER LIMIT	824794	17.817	828754	22.064	956752	25.154
LOWER LIMIT	206198.5	16.817	207188.5	21.064	239188	24.154
EPA SAMPLE NO.						
22 E0AA9	496280	17.32	483028	21.55	557043	24.64
23 E0AB2	450926	17.31	447553	21.55	515900	24.64
24 E0AB1	511357	17.32	484327	21.55	568854	24.64
25 E0AE9DL	537677	17.32	517879	21.56	607708	24.65
26 DCXT8	494080	17.31	474664	21.55	541733	24.64
27 SLCS707	502629	17.32	481325	21.56	566016	24.65

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG081524 SAS No.: BG081524 SDG NO.: BG081524

EPA Sample No.: SSTD020456 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BG062407.D Time Analyzed: 09:53

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	360463	17.316	388448	21.563	439800	24.653
	UPPER LIMIT	720926	17.816	776896	22.063	879600	25.153
	LOWER LIMIT	180231.5	16.816	194224	21.063	219900	24.153
	EPA SAMPLE NO.						
01	SBLK679	537893	17.32	557296	21.56	648850	24.65
02	E0AE9	484460	17.32	462865	21.56	548451	24.65
03	E0AE7	527097	17.32	509089	21.56	592444	24.65
04	E0AE4	556705	17.32	611690	21.55	690466	24.65
05	E0AE4MS	561379	17.32	546073	21.56	611550	24.65
06	E0AE4MSD	632914	17.32	631296	21.56	692459	24.66
07	E0AF2	525242	17.32	513243	21.56	606064	24.65
08	E0AF0	545054	17.31	531664	21.56	622312	24.65
09	DCXT6	517501	17.32	507510	21.56	592550	24.64
10	DCXT7	585487	17.32	568299	21.56	652736	24.65
11	DCXT8	626324	17.32	617253	21.56	708932	24.65
12	DCXT9	582062	17.31	574203	21.55	658857	24.65

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG081524 SAS No.: BG081524 SDG NO.: BG081524

EPA Sample No.: SSTD020457 Date Analyzed: Aug 15 2024 12:00AM

Lab File ID: BG062420.D Time Analyzed: 18:44

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	473925	17.318	469265	21.559	549373	24.649
UPPER LIMIT	947850	17.818	938530	22.059	1098746	25.149
LOWER LIMIT	236962.5	16.818	234632.5	21.059	274686.5	24.149
EPA SAMPLE NO.						
01 SBLK649	560093	17.32	554828	21.56	635668	24.65
02 SVOC-GPC2-BLANK	537305	17.31	534171	21.55	621097	24.64
03 SVOC-GPC-BLANK	522548	17.31	515937	21.55	612778	24.64
04 SBLK707	518865	17.32	507990	21.55	595848	24.64
05 E0AF0	605964	17.32	601173	21.55	711338	24.65
06 DCXT7	644112	17.31	637302	21.55	734192	24.64
07 E0AD6	508861	17.32	496208	21.56	571549	24.65
08 E0AB3	536540	17.32	526050	21.56	599415	24.65
09 E0AB4	523401	17.31	522773	21.55	598350	24.64
10 E0AA9	496280	17.32	483028	21.55	557043	24.64
11 E0AB2	450926	17.31	447553	21.55	515900	24.64
12 E0AB1	511357	17.32	484327	21.55	568854	24.64
13 E0AE9DL	537677	17.32	517879	21.56	607708	24.65
14 DCXT8	494080	17.31	474664	21.55	541733	24.64
15 SLCS707	502629	17.32	481325	21.56	566016	24.65

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG081524 SAS No.: BG081524 SDG NO.: BG081524

EPA Sample No.: SSTD020457 Date Analyzed: Aug 16 2024 12:00AM

Lab File ID: BG062420.D Time Analyzed: 04:17

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	473925	17.318	469265	21.559	549373	24.649
UPPER LIMIT	947850	17.818	938530	22.059	1098746	25.149
LOWER LIMIT	236962.5	16.818	234632.5	21.059	274686.5	24.149
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10
IS5 (CRY) = Chrysene-d12
IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: **BG081524**

Client:

Analytical Method: **SFAM_SVOC**

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162707BS	1,4-Dioxane	16	8.1	ug/L	51				0	0		
	Benzaldehyde	40	23	ug/L	58				0	0		
	Pyridine	40	22	ug/L	55				0	0		
	Phenol	40	26	ug/L	65				0	0		
	Bis(2-chloroethyl)ether	40	26	ug/L	65				0	0		
	2-Chlorophenol	40	29	ug/L	73				0	0		
	2-Methylphenol	40	26	ug/L	65				0	0		
	2,2-oxybis(1-Chloropropane)	40	25	ug/L	63				0	0		
	Acetophenone	40	24	ug/L	60				0	0		
	4-Methylphenol	40	25	ug/L	63				0	0		
	N-Nitroso-di-n-propylamine	40	24	ug/L	60				0	0		
	Hexachloroethane	40	27	ug/L	68				0	0		
	Nitrobenzene	40	29	ug/L	73				0	0		
	Isophorone	40	24	ug/L	60				0	0		
	2-Nitrophenol	40	35	ug/L	88				0	0		
	2,4-Dimethylphenol	40	21	ug/L	52				0	0		
	Bis(2-chloroethoxy)methane	40	25	ug/L	63				0	0		
	2,4-Dichlorophenol	40	27	ug/L	68				0	0		
	Naphthalene	40	26	ug/L	65				0	0		
	4-Chloroaniline	40	19	ug/L	48				0	0		
	Hexachlorobutadiene	40	25	ug/L	63				0	0		
	Caprolactam	40	23	ug/L	58				0	0		
	4-Chloro-3-methylphenol	40	27	ug/L	68				0	0		
	1-Methylnaphthalene	40	25	ug/L	63				0	0		
	2-Methylnaphthalene	40	25	ug/L	63				0	0		
	Hexachlorocyclopentadiene	40	20	ug/L	50				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	27	ug/L	68				0	0		
	2-Nitroaniline	40	33	ug/L	83				0	0		
	Dimethylphthalate	40	25	ug/L	63				0	0		
	2,6-Dinitrotoluene	40	34	ug/L	85				0	0		
	Acenaphthylene	40	27	ug/L	68				0	0		
	3-Nitroaniline	40	29	ug/L	73				0	0		
	Acenaphthene	40	25	ug/L	63				0	0		
	2,4-Dinitrophenol	40	30	ug/L	75				0	0		
	4-Nitrophenol	40	26	ug/L	65				0	0		
	Dibenzofuran	40	25	ug/L	63				0	0		
	2,4-Dinitrotoluene	40	32	ug/L	80				0	0		
	Diethylphthalate	40	24	ug/L	60				0	0		
	Fluorene	40	24	ug/L	60				0	0		
	4-Chlorophenyl-phenylether	40	25	ug/L	63				0	0		
	4-Nitroaniline	40	28	ug/L	70				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG081524

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162707BS	4,6-Dinitro-2-methylphenol	40	33	ug/L	83				0	0		
	N-Nitrosodiphenylamine	40	27	ug/L	68				0	0		
	1,2,4,5-Tetrachlorobenzene	40	27	ug/L	68				0	0		
	4-Bromophenyl-phenylether	40	28	ug/L	70				0	0		
	Hexachlorobenzene	40	27	ug/L	68				0	0		
	Atrazine	40	1.6	ug/L	4				0	0		
	Pentachlorophenol	40	22	ug/L	55				0	0		
	Phenanthrene	40	26	ug/L	65				0	0		
	Pentachlorobenzene	40	28	ug/L	70				0	0		
	Anthracene	40	26	ug/L	65				0	0		
	1,2,3,4-Tetrachlorobenzene	40	30	ug/L	75				0	0		
	Carbazole	40	26	ug/L	65				0	0		
	Di-n-butylphthalate	40	26	ug/L	65				0	0		
	Fluoranthene	40	28	ug/L	70				0	0		
	Pyrene	40	28	ug/L	70				0	0		
	Butylbenzylphthalate	40	31	ug/L	78				0	0		
	3,3'-Dichlorobenzidine	40	30	ug/L	75				0	0		
	Benzo(a)anthracene	40	27	ug/L	68				0	0		
	Chrysene	40	27	ug/L	68				0	0		
	Bis(2-ethylhexyl)phthalate	40	31	ug/L	78				0	0		
	Di-n-octylphthalate	40	29	ug/L	73				0	0		
	Benzo(b)fluoranthene	40	27	ug/L	68				0	0		
	Benzo(k)fluoranthene	40	27	ug/L	68				0	0		
	Benzo(a)pyrene	40	26	ug/L	65				0	0		
	Indeno(1,2,3-cd)pyrene	40	27	ug/L	68				0	0		
	Dibenzo(a,h)anthracene	40	28	ug/L	70				0	0		
	Benzo(g,h,i)perylene	40	27	ug/L	68				0	0		
	2,3,4,6-Tetrachlorophenol	40	23	ug/L	58				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK649

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG081524

SAS No.: BG081524 SDG NO.: BG081524

Lab File ID: BG062421.D

Lab Sample ID: PB162649BL

Instrument ID: BNA_G

Date Extracted: 08/10/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/15/2024

Level: (low/med) LOW

Time Analyzed: 18:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DCXT6	P3502-02	BG062416.D	08/15/2024
DCXT7	P3502-03	BG062417.D	08/15/2024
DCXT8	P3502-04	BG062418.D	08/15/2024
DCXT9	P3502-05	BG062419.D	08/15/2024
DCXT7	P3502-03	BG062426.D	08/15/2024
DCXT8	P3502-04	BG062434.D	08/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG081524

SAS No.: BG081524 SDG NO.: BG081524

Lab File ID: BG062423.D

Lab Sample ID: P3542-05

Instrument ID: BNA_G

Date Extracted: 08/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/15/2024

Level: (low/med) LOW

Time Analyzed: 20:05

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC-BLANK	P3542-05	BG062423.D	08/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SVOC-GPC2-BLANK

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG081524

SAS No.: BG081524 SDG NO.: BG081524

Lab File ID: BG062422.D

Lab Sample ID: P3542-10

Instrument ID: BNA_G

Date Extracted: 08/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/15/2024

Level: (low/med) LOW

Time Analyzed: 19:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SVOC-GPC2-BLANK	P3542-10	BG062422.D	08/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK679

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG081524

SAS No.: BG081524 SDG NO.: BG081524

Lab File ID: BG062408.D

Lab Sample ID: PB162679BL

Instrument ID: BNA_G

Date Extracted: 08/12/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/15/2024

Level: (low/med) LOW

Time Analyzed: 09:53

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E0AE9	P3481-07	BG062409.D	08/15/2024
E0AE7	P3481-06	BG062410.D	08/15/2024
E0AE4	P3481-08	BG062411.D	08/15/2024
E0AE4MS	P3481-09MS	BG062412.D	08/15/2024
E0AE4MSD	P3481-10MSD	BG062413.D	08/15/2024
E0AF2	P3481-17	BG062414.D	08/15/2024
E0AF0	P3481-14	BG062415.D	08/15/2024
E0AF0	P3481-14	BG062425.D	08/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK707

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG081524

SAS No.: BG081524 SDG NO.: BG081524

Lab File ID: BG062424.D

Lab Sample ID: PB162707BL

Instrument ID: BNA_G

Date Extracted: 08/13/2024

Matrix: (soil/water) Water

Date Analyzed: 08/15/2024

Level: (low/med) LOW

Time Analyzed: 20:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162707BS	PB162707BS	BG062435.D	08/16/2024
E0AD6	P3533-07	BG062427.D	08/15/2024
E0AB3	P3533-09	BG062428.D	08/15/2024
E0AB4	P3533-10	BG062429.D	08/16/2024
E0AA9	P3533-12	BG062430.D	08/16/2024
E0AB2	P3533-13	BG062431.D	08/16/2024
E0AB1	P3533-15	BG062432.D	08/16/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG081524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3481-09MS	Client Sample ID:	E0AE4MS					DataFile:	BG062412.D		
1,4-Dioxane	740		500	ug/Kg	68				15	120	
Benzaldehyde	1800		1700	ug/Kg	94				0	0	
Pyridine	1800		1300	ug/Kg	72				0	0	
Phenol	1800		1600	ug/Kg	89				26	90	
Bis(2-chloroethyl)ether	1800		1600	ug/Kg	89				0	0	
2-Chlorophenol	1800		1700	ug/Kg	94				25	102	
2-Methylphenol	1800		1400	ug/Kg	78				0	0	
2,2-oxybis(1-Chloropropane)	1800		1500	ug/Kg	83				0	0	
Acetophenone	1800		1500	ug/Kg	83				0	0	
4-Methylphenol	1800		1400	ug/Kg	78				0	0	
N-Nitroso-di-n-propylamine	1800		1500	ug/Kg	83				41	126	
Hexachloroethane	1800		1700	ug/Kg	94				0	0	
Nitrobenzene	1800		1800	ug/Kg	100				0	0	
Isophorone	1800		1500	ug/Kg	83				0	0	
2-Nitrophenol	1800		2100	ug/Kg	117				0	0	
2,4-Dimethylphenol	1800		540	ug/Kg	30				0	0	
Bis(2-chloroethoxy)methane	1800		1600	ug/Kg	89				0	0	
2,4-Dichlorophenol	1800		1700	ug/Kg	94				0	0	
Naphthalene	1800		1600	ug/Kg	89				0	0	
4-Chloroaniline	1800		1200	ug/Kg	67				0	0	
Hexachlorobutadiene	1800		1600	ug/Kg	89				0	0	
Caprolactam	1800		1400	ug/Kg	78				0	0	
4-Chloro-3-methylphenol	1800		1600	ug/Kg	89				26	103	
1-Methylnaphthalene	1800		1500	ug/Kg	83				0	0	
2-Methylnaphthalene	1800		1600	ug/Kg	89				0	0	
Hexachlorocyclopentadiene	1800		1300	ug/Kg	72				0	0	
2,4,6-Trichlorophenol	1800		1800	ug/Kg	100				0	0	
2,4,5-Trichlorophenol	1800		1900	ug/Kg	106				0	0	
1,1'-Biphenyl	1800		1600	ug/Kg	89				0	0	
2-Chloronaphthalene	1800		1600	ug/Kg	89				0	0	
2-Nitroaniline	1800		2100	ug/Kg	117				0	0	
Dimethylphthalate	1800		1500	ug/Kg	83				0	0	
2,6-Dinitrotoluene	1800		2100	ug/Kg	117				0	0	
Acenaphthylene	1800		1600	ug/Kg	89				0	0	
3-Nitroaniline	1800		1700	ug/Kg	94				0	0	
Acenaphthene	1800		1500	ug/Kg	83				31	137	
2,4-Dinitrophenol	1800		1900	ug/Kg	106				0	0	
4-Nitrophenol	1800		1700	ug/Kg	94				11	114	
Dibenzofuran	1800		1600	ug/Kg	89				0	0	
2,4-Dinitrotoluene	1800		1900	ug/Kg	106	*			28	89	
Diethylphthalate	1800		1500	ug/Kg	83				0	0	
Fluorene	1800		1500	ug/Kg	83				0	0	
4-Chlorophenyl-phenylether	1800		1500	ug/Kg	83				0	0	
4-Nitroaniline	1800		1700	ug/Kg	94				0	0	
4,6-Dinitro-2-methylphenol	1800		1900	ug/Kg	106				0	0	
N-Nitrosodiphenylamine	1800		1600	ug/Kg	89				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG081524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1800		1700	ug/Kg	94				0	0	
4-Bromophenyl-phenylether	1800		1700	ug/Kg	94				0	0	
Hexachlorobenzene	1800		1600	ug/Kg	89				0	0	
Atrazine	1800		1300	ug/Kg	72				0	0	
Pentachlorophenol	1800		1800	ug/Kg	100				17	109	
Phenanthrene	1800		1600	ug/Kg	89				0	0	
Pentachlorobenzene	1800		1600	ug/Kg	89				0	0	
Anthracene	1800		1500	ug/Kg	83				0	0	
1,2,3,4-Tetrachlorobenzene	1800		1800	ug/Kg	100				0	0	
Carbazole	1800		1500	ug/Kg	83				0	0	
Di-n-butylphthalate	1800		1600	ug/Kg	89				0	0	
Fluoranthene	1800		1700	ug/Kg	94				0	0	
Pyrene	1800		1600	ug/Kg	89				35	142	
Butylbenzylphthalate	1800		1800	ug/Kg	100				0	0	
3,3'-Dichlorobenzidine	1800		1500	ug/Kg	83				0	0	
Benzo(a)anthracene	1800		1600	ug/Kg	89				0	0	
Chrysene	1800		1600	ug/Kg	89				0	0	
Bis(2-ethylhexyl)phthalate	1800		1800	ug/Kg	100				0	0	
Di-n-octylphthalate	1800		1800	ug/Kg	100				0	0	
Benzo(b)fluoranthene	1800		1600	ug/Kg	89				0	0	
Benzo(k)fluoranthene	1800		1600	ug/Kg	89				0	0	
Benzo(a)pyrene	1800		1600	ug/Kg	89				0	0	
Indeno(1,2,3-cd)pyrene	1800		1700	ug/Kg	94				0	0	
Dibenzo(a,h)anthracene	1800		1700	ug/Kg	94				0	0	
Benzo(g,h,i)perylene	1800		1700	ug/Kg	94				0	0	
2,3,4,6-Tetrachlorophenol	1800		1700	ug/Kg	94				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG081524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3481-10MSD	Client Sample ID:	E0AE4MSD					DataFile:	BG062413.D		
1,4-Dioxane	740		510	ug/Kg	69		1		15	120	50
Benzaldehyde	1800		1600	ug/Kg	89		5	*	0	0	0
Pyridine	1800		1200	ug/Kg	67		7	*	0	0	0
Phenol	1800		1400	ug/Kg	78		13		26	90	35
Bis(2-chloroethyl)ether	1800		1400	ug/Kg	78		13	*	0	0	0
2-Chlorophenol	1800		1600	ug/Kg	89		5		25	102	50
2-Methylphenol	1800		1300	ug/Kg	72		8	*	0	0	0
2,2-oxybis(1-Chloropropane)	1800		1400	ug/Kg	78		6	*	0	0	0
Acetophenone	1800		1300	ug/Kg	72		14	*	0	0	0
4-Methylphenol	1800		1300	ug/Kg	72		8	*	0	0	0
N-Nitroso-di-n-propylamine	1800		1300	ug/Kg	72		14		41	126	38
Hexachloroethane	1800		1600	ug/Kg	89		5	*	0	0	0
Nitrobenzene	1800		1800	ug/Kg	100		0		0	0	0
Isophorone	1800		1400	ug/Kg	78		6	*	0	0	0
2-Nitrophenol	1800		2100	ug/Kg	117		0		0	0	0
2,4-Dimethylphenol	1800		490	ug/Kg	27		11	*	0	0	0
Bis(2-chloroethoxy)methane	1800		1500	ug/Kg	83		7	*	0	0	0
2,4-Dichlorophenol	1800		1600	ug/Kg	89		5	*	0	0	0
Naphthalene	1800		1500	ug/Kg	83		7	*	0	0	0
4-Chloroaniline	1800		1100	ug/Kg	61		9	*	0	0	0
Hexachlorobutadiene	1800		1600	ug/Kg	89		0		0	0	0
Caprolactam	1800		1400	ug/Kg	78		0		0	0	0
4-Chloro-3-methylphenol	1800		1500	ug/Kg	83		7		26	103	33
1-Methylnaphthalene	1800		1500	ug/Kg	83		0		0	0	0
2-Methylnaphthalene	1800		1500	ug/Kg	83		7	*	0	0	0
Hexachlorocyclopentadiene	1800		1200	ug/Kg	67		7	*	0	0	0
2,4,6-Trichlorophenol	1800		1600	ug/Kg	89		12	*	0	0	0
2,4,5-Trichlorophenol	1800		1700	ug/Kg	94		12	*	0	0	0
1,1'-Biphenyl	1800		1500	ug/Kg	83		7	*	0	0	0
2-Chloronaphthalene	1800		1500	ug/Kg	83		7	*	0	0	0
2-Nitroaniline	1800		2000	ug/Kg	111		5	*	0	0	0
Dimethylphthalate	1800		1400	ug/Kg	78		6	*	0	0	0
2,6-Dinitrotoluene	1800		2000	ug/Kg	111		5	*	0	0	0
Acenaphthylene	1800		1500	ug/Kg	83		7	*	0	0	0
3-Nitroaniline	1800		1700	ug/Kg	94		0		0	0	0
Acenaphthene	1800		1400	ug/Kg	78		6		31	137	19
2,4-Dinitrophenol	1800		1900	ug/Kg	106		0		0	0	0
4-Nitrophenol	1800		1600	ug/Kg	89		5		11	114	50
Dibenzofuran	1800		1500	ug/Kg	83		7	*	0	0	0
2,4-Dinitrotoluene	1800		1900	ug/Kg	106	*	0		28	89	47
Diethylphthalate	1800		1400	ug/Kg	78		6	*	0	0	0
Fluorene	1800		1400	ug/Kg	78		6	*	0	0	0
4-Chlorophenyl-phenylether	1800		1400	ug/Kg	78		6	*	0	0	0
4-Nitroaniline	1800		1600	ug/Kg	89		5	*	0	0	0
4,6-Dinitro-2-methylphenol	1800		1900	ug/Kg	106		0		0	0	0
N-Nitrosodiphenylamine	1800		1500	ug/Kg	83		7	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG081524

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1800		1500	ug/Kg	83		12	*	0	0	0
4-Bromophenyl-phenylether	1800		1600	ug/Kg	89		5	*	0	0	0
Hexachlorobenzene	1800		1500	ug/Kg	83		7	*	0	0	0
Atrazine	1800		1200	ug/Kg	67		7	*	0	0	0
Pentachlorophenol	1800		1700	ug/Kg	94		6		17	109	47
Phenanthrene	1800		1500	ug/Kg	83		7	*	0	0	0
Pentachlorobenzene	1800		1500	ug/Kg	83		7	*	0	0	0
Anthracene	1800		1400	ug/Kg	78		6	*	0	0	0
1,2,3,4-Tetrachlorobenzene	1800		1600	ug/Kg	89		12	*	0	0	0
Carbazole	1800		1500	ug/Kg	83		0		0	0	0
Di-n-butylphthalate	1800		1500	ug/Kg	83		7	*	0	0	0
Fluoranthene	1800		1600	ug/Kg	89		5	*	0	0	0
Pyrene	1800		1500	ug/Kg	83		7		35	142	36
Butylbenzylphthalate	1800		1700	ug/Kg	94		6	*	0	0	0
3,3'-Dichlorobenzidine	1800		1400	ug/Kg	78		6	*	0	0	0
Benzo(a)anthracene	1800		1500	ug/Kg	83		7	*	0	0	0
Chrysene	1800		1500	ug/Kg	83		7	*	0	0	0
Bis(2-ethylhexyl)phthalate	1800		1700	ug/Kg	94		6	*	0	0	0
Di-n-octylphthalate	1800		1700	ug/Kg	94		6	*	0	0	0
Benzo(b)fluoranthene	1800		1600	ug/Kg	89		0		0	0	0
Benzo(k)fluoranthene	1800		1500	ug/Kg	83		7	*	0	0	0
Benzo(a)pyrene	1800		1500	ug/Kg	83		7	*	0	0	0
Indeno(1,2,3-cd)pyrene	1800		1600	ug/Kg	89		5	*	0	0	0
Dibenzo(a,h)anthracene	1800		1600	ug/Kg	89		5	*	0	0	0
Benzo(g,h,i)perylene	1800		1600	ug/Kg	89		5	*	0	0	0
2,3,4,6-Tetrachlorophenol	1800		1700	ug/Kg	94		0		0	0	0

Surrogate Summary

SW-846

SDG No.: **BG081524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3502-02	DCXT6	BG062416.D	1,4-Dioxane-d8	8	0.93	12	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	6.38	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	5.92	15		10	150
			2-Chlorophenol-d4	40	6.69	17		15	120
			4-Methylphenol-d8	40	4.79	12		10	140
			Nitrobenzene-d5	40	7.83	20		10	135
			2-Nitrophenol-d4	40	8.28	21		10	120
			2,4-Dichlorophenol-d3	40	7.41	19		10	140
			4-Chloroaniline-d4	40	3.00	7		1	145
			Dimethylphthalate-d6	40	7.18	18		10	145
			Acenaphthylene-d8	40	6.83	17		15	120
			4-Nitrophenol-d4	40	5.98	15		10	150
			Fluorene-d10	40	7.35	18	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.16	13		10	130
			Anthracene-d10	40	6.80	17		10	150
			Pyrene-d10	40	6.90	17		10	130
			Benzo(a)pyrene-d12	40	5.05	13		10	140
P3502-03	DCXT7	BG062417.D	1,4-Dioxane-d8	8	1.65	21		15	120
			Pyridine-d5	40	2.80	7	*	20	120
		BG062426.D	1,4-Dioxane-d8	8	1.59	20		15	120
			Pyridine-d5	40	2.53	6	*	20	120
		BG062417.D	Phenol-d5	40	12.39	31		10	130
			Phenol-d5	40	11.91	30		10	130
		BG062426.D	Bis(2-Chloroethyl)ether-d8	40	10.33	26		10	150
			Bis(2-Chloroethyl)ether-d8	40	10.41	26		10	150
		BG062417.D	2-Chlorophenol-d4	40	12.72	32		15	120
			2-Chlorophenol-d4	40	12.31	31		15	120
		BG062426.D	4-Methylphenol-d8	40	10.08	25		10	140
			4-Methylphenol-d8	40	10.43	26		10	140
		BG062417.D	Nitrobenzene-d5	40	14.42	36		10	135
			Nitrobenzene-d5	40	14.61	37		10	135
		BG062426.D	2-Nitrophenol-d4	40	15.53	39		10	120
			2-Nitrophenol-d4	40	16.21	41		10	120
		BG062417.D	2,4-Dichlorophenol-d3	40	13.93	35		10	140
			2,4-Dichlorophenol-d3	40	13.62	34		10	140
		BG062426.D	4-Chloroaniline-d4	40	6.38	16		1	145
			4-Chloroaniline-d4	40	6.80	17		1	145
		BG062417.D	Dimethylphthalate-d6	40	13.22	33		10	145
			Dimethylphthalate-d6	40	13.29	33		10	145
		BG062426.D	Acenaphthylene-d8	40	13.10	33		15	120
			Acenaphthylene-d8	40	13.17	33		15	120
		BG062417.D	4-Nitrophenol-d4	40	11.65	29		10	150
			4-Nitrophenol-d4	40	11.60	29		10	150
		BG062426.D	Fluorene-d10	40	13.33	33		20	140
			Fluorene-d10	40	13.42	34		20	140
		BG062417.D	4,6-Dinitro-2-methylphenol-d2	40	12.69	32		10	130
			4,6-Dinitro-2-methylphenol-d2	40	11.85	30		10	130
		BG062417.D	Anthracene-d10	40	12.38	31		10	150

Surrogate Summary

SW-846

SDG No.: **BG081524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3502-03	DCXT7	BG062426.D	Anthracene-d10	40	12.20	30		10	150
			Pyrene-d10	40	14.51	36		10	130
		BG062417.D	Pyrene-d10	40	14.59	36		10	130
			Benzo(a)pyrene-d12	40	14.06	35		10	140
P3502-04	DCXT8	BG062426.D	Benzo(a)pyrene-d12	40	14.02	35		10	140
		BG062418.D	1,4-Dioxane-d8	8	0.96	12	*	15	120
			Pyridine-d5	40	0.69	2	*	20	120
		BG062434.D	1,4-Dioxane-d8	8	1.07	13	*	15	120
			Pyridine-d5	40	0.89	2	*	20	120
		BG062418.D	Phenol-d5	40	7.97	20		10	130
			Phenol-d5	40	7.04	18		10	130
		BG062434.D	Bis(2-Chloroethyl)ether-d8	40	6.69	17		10	150
			Bis(2-Chloroethyl)ether-d8	40	7.57	19		10	150
		BG062418.D	2-Chlorophenol-d4	40	8.16	20		15	120
			2-Chlorophenol-d4	40	7.33	18		15	120
		BG062434.D	4-Methylphenol-d8	40	6.17	15		10	140
			4-Methylphenol-d8	40	5.53	14		10	140
		BG062434.D	Nitrobenzene-d5	40	8.69	22		10	135
			Nitrobenzene-d5	40	9.41	24		10	135
		BG062418.D	2-Nitrophenol-d4	40	9.86	25		10	120
			2-Nitrophenol-d4	40	9.23	23		10	120
		BG062434.D	2,4-Dichlorophenol-d3	40	7.71	19		10	140
			2,4-Dichlorophenol-d3	40	8.34	21		10	140
		BG062418.D	4-Chloroaniline-d4	40	4.07	10		1	145
			4-Chloroaniline-d4	40	3.58	9		1	145
		BG062434.D	Dimethylphthalate-d6	40	7.25	18		10	145
			Dimethylphthalate-d6	40	7.94	20		10	145
		BG062418.D	Acenaphthylene-d8	40	8.55	21		15	120
			Acenaphthylene-d8	40	7.79	19		15	120
		BG062434.D	4-Nitrophenol-d4	40	4.98	12		10	150
			4-Nitrophenol-d4	40	5.17	13		10	150
		BG062418.D	Fluorene-d10	40	8.02	20		20	140
			Fluorene-d10	40	8.77	22		20	140
		BG062434.D	4,6-Dinitro-2-methylphenol-d2	40	5.33	13		10	130
			4,6-Dinitro-2-methylphenol-d2	40	4.95	12		10	130
		BG062418.D	Anthracene-d10	40	7.60	19		10	150
			Anthracene-d10	40	8.78	22		10	150
		BG062434.D	Pyrene-d10	40	9.24	23		10	130
			Pyrene-d10	40	8.18	20		10	130
		BG062418.D	Benzo(a)pyrene-d12	40	6.32	16		10	140
			Benzo(a)pyrene-d12	40	7.07	18		10	140
P3502-05	DCXT9	BG062419.D	1,4-Dioxane-d8	8	1.41	18		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	9.43	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.87	22		10	150
			2-Chlorophenol-d4	40	9.99	25		15	120
			4-Methylphenol-d8	40	6.15	15		10	140
			Nitrobenzene-d5	40	11.46	29		10	135
			2-Nitrophenol-d4	40	13.15	33		10	120

Surrogate Summary

SW-846

SDG No.: **BG081524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3502-05	DCXT9	BG062419.D	2,4-Dichlorophenol-d3	40	11.07	28		10	140
			4-Chloroaniline-d4	40	4.10	10		1	145
			Dimethylphthalate-d6	40	10.53	26		10	145
			Acenaphthylene-d8	40	10.41	26		15	120
			4-Nitrophenol-d4	40	9.27	23		10	150
			Fluorene-d10	40	10.85	27		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.58	24		10	130
			Anthracene-d10	40	10.08	25		10	150
			Pyrene-d10	40	10.75	27		10	130
			Benzo(a)pyrene-d12	40	8.27	21		10	140
PB162649BL	PB162649BL	BG062421.D	1,4-Dioxane-d8	8	4.34	54		15	120
			Pyridine-d5	40	20.40	51		20	120
			Phenol-d5	40	24.51	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.22	58		10	150
			2-Chlorophenol-d4	40	25.58	64		15	120
			4-Methylphenol-d8	40	22.88	57		10	140
			Nitrobenzene-d5	40	29.69	74		10	135
			2-Nitrophenol-d4	40	33.76	84		10	120
			2,4-Dichlorophenol-d3	40	25.67	64		10	140
			4-Chloroaniline-d4	40	21.19	53		1	145
			Dimethylphthalate-d6	40	23.42	59		10	145
			Acenaphthylene-d8	40	24.07	60		15	120
			4-Nitrophenol-d4	40	23.52	59		10	150
			Fluorene-d10	40	23.93	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.54	64		10	130
			Anthracene-d10	40	24.92	62		10	150
			Pyrene-d10	40	25.42	64		10	130
			Benzo(a)pyrene-d12	40	24.65	62		10	140

Surrogate Summary

SW-846

SDG No.: BG081524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3542-05	SVOC-GPC-BLANBG062423.D		Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

Surrogate Summary

SW-846

SDG No.: **BG081524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3542-10	SVOC-GPC2-BLA1BG062422.D		1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	10	150
			2-Chlorophenol-d4	40	0.00	0	*	15	120
			4-Methylphenol-d8	40	0.00	0	*	10	140
			Nitrobenzene-d5	40	0.00	0	*	10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	0.00	0	*	10	145
			Acenaphthylene-d8	40	0.00	0	*	15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	10	150
			Pyrene-d10	40	0.00	0	*	10	130
			Benzo(a)pyrene-d12	40	0.00	0	*	10	140

Surrogate Summary

SW-846

SDG No.: **BG081524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3481-06	E0AE7	BG062410.D	1,4-Dioxane-d8	8	2.44	30		15	120
			Pyridine-d5	40	8.33	21		20	120
			Phenol-d5	40	15.11	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.12	38		10	150
			2-Chlorophenol-d4	40	16.45	41		15	120
			4-Methylphenol-d8	40	14.82	37		10	140
			Nitrobenzene-d5	40	17.72	44		10	135
			2-Nitrophenol-d4	40	18.95	47		10	120
			2,4-Dichlorophenol-d3	40	15.71	39		10	140
			4-Chloroaniline-d4	40	5.91	15		1	145
			Dimethylphthalate-d6	40	16.11	40		10	145
			Acenaphthylene-d8	40	16.05	40		15	120
			4-Nitrophenol-d4	40	9.29	23		10	150
			Fluorene-d10	40	16.47	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.87	22		10	130
			Anthracene-d10	40	15.53	39		10	150
			Pyrene-d10	40	17.65	44		10	130
			Benzo(a)pyrene-d12	40	17.14	43		10	140
P3481-07	E0AE9	BG062409.D	Pyridine-d5	40	0.84	2	*	20	120
			1,4-Dioxane-d8	8	1.09	14	*	15	120
			Phenol-d5	40	7.18	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	7.75	19		10	150
			2-Chlorophenol-d4	40	7.81	20		15	120
			4-Methylphenol-d8	40	6.97	17		10	140
			Nitrobenzene-d5	40	8.72	22		10	135
			2-Nitrophenol-d4	40	9.14	23		10	120
			2,4-Dichlorophenol-d3	40	8.00	20		10	140
			4-Chloroaniline-d4	40	14.25	36		1	145
			Dimethylphthalate-d6	40	8.34	21		10	145
			Acenaphthylene-d8	40	8.33	21		15	120
			4-Nitrophenol-d4	40	5.91	15		10	150
			Fluorene-d10	40	8.93	22		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.33	13		10	130
			Anthracene-d10	40	8.80	22		10	150
			Pyrene-d10	40	8.69	22		10	130
			Benzo(a)pyrene-d12	40	6.47	16		10	140
P3481-07DL	E0AE9DL	BG062433.D	1,4-Dioxane-d8	8	1.24	16		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	8.10	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	8.51	21		10	150
			2-Chlorophenol-d4	40	9.20	23		15	120
			4-Methylphenol-d8	40	8.04	20		10	140
			Nitrobenzene-d5	40	10.17	25		10	135
			2-Nitrophenol-d4	40	11.09	28		10	120
			2,4-Dichlorophenol-d3	40	8.67	22		10	140
			4-Chloroaniline-d4	40	14.04	35		1	145
			Dimethylphthalate-d6	40	9.14	23		10	145
			Acenaphthylene-d8	40	9.26	23		15	120
			4-Nitrophenol-d4	40	5.96	15		10	150

Surrogate Summary

SW-846

SDG No.: **BG081524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3481-07DL	E0AE9DL	BG062433.D	Fluorene-d10	40	9.67	24		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.10	15		10	130
			Anthracene-d10	40	9.87	25		10	150
			Pyrene-d10	40	9.50	24		10	130
			Benzo(a)pyrene-d12	40	7.24	18		10	140
P3481-08	E0AE4	BG062411.D	1,4-Dioxane-d8	8	3.96	49		15	120
			Pyridine-d5	40	12.62	32		20	120
			Phenol-d5	40	18.64	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.26	48		10	150
			2-Chlorophenol-d4	40	20.62	52		15	120
			4-Methylphenol-d8	40	18.26	46		10	140
			Nitrobenzene-d5	40	24.09	60		10	135
			2-Nitrophenol-d4	40	25.39	63		10	120
			2,4-Dichlorophenol-d3	40	20.41	51		10	140
			4-Chloroaniline-d4	40	14.79	37		1	145
			Dimethylphthalate-d6	40	20.21	51		10	145
			Acenaphthylene-d8	40	20.77	52		15	120
			4-Nitrophenol-d4	40	15.37	38		10	150
			Fluorene-d10	40	20.76	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.68	37		10	130
			Anthracene-d10	40	20.40	51		10	150
			Pyrene-d10	40	21.41	54		10	130
			Benzo(a)pyrene-d12	40	21.62	54		10	140
P3481-09MS	E0AE4MS	BG062412.D	1,4-Dioxane-d8	8	3.05	38		15	120
			Pyridine-d5	40	10.50	26		20	120
			Phenol-d5	40	21.26	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.22	53		10	150
			2-Chlorophenol-d4	40	23.45	59		15	120
			4-Methylphenol-d8	40	19.40	49		10	140
			Nitrobenzene-d5	40	27.05	68		10	135
			2-Nitrophenol-d4	40	29.75	74		10	120
			2,4-Dichlorophenol-d3	40	24.76	62		10	140
			4-Chloroaniline-d4	40	15.05	38		1	145
			Dimethylphthalate-d6	40	22.21	56		10	145
			Acenaphthylene-d8	40	22.99	57		15	120
			4-Nitrophenol-d4	40	18.10	45		10	150
			Fluorene-d10	40	22.39	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.90	57		10	130
			Anthracene-d10	40	22.54	56		10	150
			Pyrene-d10	40	23.83	60		10	130
			Benzo(a)pyrene-d12	40	23.56	59		10	140
P3481-10MSD	E0AE4MSD	BG062413.D	1,4-Dioxane-d8	8	3.29	41		15	120
			Pyridine-d5	40	10.34	26		20	120
			Phenol-d5	40	19.10	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.30	48		10	150
			2-Chlorophenol-d4	40	21.91	55		15	120
			4-Methylphenol-d8	40	17.14	43		10	140
			Nitrobenzene-d5	40	25.86	65		10	135
			2-Nitrophenol-d4	40	28.75	72		10	120

Surrogate Summary

SW-846

SDG No.: **BG081524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3481-10MSD	E0AE4MSD	BG062413.D	2,4-Dichlorophenol-d3	40	23.98	60		10	140
			4-Chloroaniline-d4	40	14.69	37		1	145
			Dimethylphthalate-d6	40	20.71	52		10	145
			Acenaphthylene-d8	40	20.99	52		15	120
			4-Nitrophenol-d4	40	18.22	46		10	150
			Fluorene-d10	40	21.41	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.92	55		10	130
			Anthracene-d10	40	21.35	53		10	150
			Pyrene-d10	40	22.30	56		10	130
			Benzo(a)pyrene-d12	40	22.72	57		10	140
P3481-14	E0AF0	BG062415.D	Pyridine-d5	40	10.57	26		20	120
			1,4-Dioxane-d8	8	3.10	39		15	120
		BG062425.D	1,4-Dioxane-d8	8	3.21	40		15	120
			Pyridine-d5	40	10.72	27		20	120
		BG062415.D	Phenol-d5	40	20.50	51		10	130
			Phenol-d5	40	20.49	51		10	130
		BG062425.D	Bis(2-Chloroethyl)ether-d8	40	20.13	50		10	150
			Bis(2-Chloroethyl)ether-d8	40	20.01	50		10	150
		BG062415.D	2-Chlorophenol-d4	40	22.30	56		15	120
			2-Chlorophenol-d4	40	22.31	56		15	120
		BG062425.D	4-Methylphenol-d8	40	20.00	50		10	140
			4-Methylphenol-d8	40	20.11	50		10	140
		BG062415.D	Nitrobenzene-d5	40	26.24	66		10	135
			Nitrobenzene-d5	40	26.52	66		10	135
		BG062425.D	2-Nitrophenol-d4	40	27.85	70		10	120
			2-Nitrophenol-d4	40	27.64	69		10	120
		BG062415.D	2,4-Dichlorophenol-d3	40	23.58	59		10	140
			2,4-Dichlorophenol-d3	40	23.76	59		10	140
		BG062425.D	4-Chloroaniline-d4	40	9.51	24		1	145
			4-Chloroaniline-d4	40	9.43	24		1	145
		BG062415.D	Dimethylphthalate-d6	40	22.46	56		10	145
			Dimethylphthalate-d6	40	22.53	56		10	145
		BG062425.D	Acenaphthylene-d8	40	22.44	56		15	120
			Acenaphthylene-d8	40	22.42	56		15	120
		BG062415.D	4-Nitrophenol-d4	40	17.87	45		10	150
			4-Nitrophenol-d4	40	17.45	44		10	150
		BG062425.D	Fluorene-d10	40	22.37	56		20	140
			Fluorene-d10	40	22.54	56		20	140
		BG062415.D	4,6-Dinitro-2-methylphenol-d2	40	17.39	43		10	130
			4,6-Dinitro-2-methylphenol-d2	40	16.38	41		10	130
		BG062425.D	Anthracene-d10	40	22.92	57		10	150
			Anthracene-d10	40	22.82	57		10	150
		BG062415.D	Pyrene-d10	40	24.61	62		10	130
			Pyrene-d10	40	24.71	62		10	130
		BG062425.D	Benzo(a)pyrene-d12	40	24.58	61		10	140
			Benzo(a)pyrene-d12	40	24.49	61		10	140
P3481-17	E0AF2	BG062414.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	2.19	27		15	120
			Phenol-d5	40	14.30	36		10	130

Surrogate Summary

SW-846

SDG No.: **BG081524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3481-17	E0AF2	BG062414.D	Bis(2-Chloroethyl)ether-d8	40	13.49	34		10	150
			2-Chlorophenol-d4	40	15.35	38		15	120
			4-Methylphenol-d8	40	13.55	34		10	140
			Nitrobenzene-d5	40	18.52	46		10	135
			2-Nitrophenol-d4	40	20.27	51		10	120
			2,4-Dichlorophenol-d3	40	15.76	39		10	140
			4-Chloroaniline-d4	40	5.58	14		1	145
			Dimethylphthalate-d6	40	15.12	38		10	145
			Acenaphthylene-d8	40	15.44	39		15	120
			4-Nitrophenol-d4	40	12.22	31		10	150
			Fluorene-d10	40	15.89	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.26	31		10	130
			Anthracene-d10	40	15.84	40		10	150
			Pyrene-d10	40	15.52	39		10	130
			Benzo(a)pyrene-d12	40	12.15	30		10	140
PB162679BL	PB162679BL	BG062408.D	Pyridine-d5	40	24.83	62		20	120
			1,4-Dioxane-d8	8	4.95	62		15	120
			Phenol-d5	40	25.91	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.64	69		10	150
			2-Chlorophenol-d4	40	27.20	68		15	120
			4-Methylphenol-d8	40	26.03	65		10	140
			Nitrobenzene-d5	40	32.53	81		10	135
			2-Nitrophenol-d4	40	35.26	88		10	120
			2,4-Dichlorophenol-d3	40	27.60	69		10	140
			4-Chloroaniline-d4	40	24.55	61		1	145
			Dimethylphthalate-d6	40	29.29	73		10	145
			Acenaphthylene-d8	40	27.03	68		15	120
			4-Nitrophenol-d4	40	28.44	71		10	150
			Fluorene-d10	40	28.54	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.20	68		10	130
			Anthracene-d10	40	28.50	71		10	150
			Pyrene-d10	40	29.09	73		10	130
			Benzo(a)pyrene-d12	40	27.98	70		10	140

Surrogate Summary

SW-846

SDG No.: **BG081524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3533-07	E0AD6	BG062427.D	1,4-Dioxane-d8	8	3.80	48		15	120
			Pyridine-d5	40	4.92	12	*	20	120
			Phenol-d5	40	7.81	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.96	65		25	120
			2-Chlorophenol-d4	40	26.23	66		20	130
			4-Methylphenol-d8	40	16.79	42		25	125
			Nitrobenzene-d5	40	34.61	87		20	125
			2-Nitrophenol-d4	40	38.56	96		20	130
			2,4-Dichlorophenol-d3	40	28.69	72		20	120
			4-Chloroaniline-d4	40	22.51	56		1	146
			Dimethylphthalate-d6	40	26.45	66		25	130
			Acenaphthylene-d8	40	27.06	68		10	130
			4-Nitrophenol-d4	40	6.80	17		10	150
			Fluorene-d10	40	26.87	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	29.49	74		10	130
			Anthracene-d10	40	29.16	73		25	130
			Pyrene-d10	40	29.78	74		15	130
			Benzo(a)pyrene-d12	40	29.72	74		20	130
P3533-09	E0AB3	BG062428.D	1,4-Dioxane-d8	8	3.29	41		15	120
			Pyridine-d5	40	6.47	16	*	20	120
			Phenol-d5	40	7.14	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.69	57		25	120
			2-Chlorophenol-d4	40	23.35	58		20	130
			4-Methylphenol-d8	40	15.05	38		25	125
			Nitrobenzene-d5	40	28.74	72		20	125
			2-Nitrophenol-d4	40	31.56	79		20	130
			2,4-Dichlorophenol-d3	40	25.08	63		20	120
			4-Chloroaniline-d4	40	18.78	47		1	146
			Dimethylphthalate-d6	40	23.15	58		25	130
			Acenaphthylene-d8	40	22.84	57		10	130
			4-Nitrophenol-d4	40	6.28	16		10	150
			Fluorene-d10	40	23.22	58		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.73	62		10	130
			Anthracene-d10	40	24.08	60		25	130
			Pyrene-d10	40	25.69	64		15	130
			Benzo(a)pyrene-d12	40	25.29	63		20	130
P3533-10	E0AB4	BG062429.D	1,4-Dioxane-d8	8	3.11	39		15	120
			Pyridine-d5	40	6.55	16	*	20	120
			Phenol-d5	40	7.00	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.58	56		25	120
			2-Chlorophenol-d4	40	22.95	57		20	130
			4-Methylphenol-d8	40	15.18	38		25	125
			Nitrobenzene-d5	40	27.14	68		20	125
			2-Nitrophenol-d4	40	30.66	77		20	130
			2,4-Dichlorophenol-d3	40	23.76	59		20	120
			4-Chloroaniline-d4	40	16.13	40		1	146
			Dimethylphthalate-d6	40	22.70	57		25	130
			Acenaphthylene-d8	40	22.31	56		10	130
			4-Nitrophenol-d4	40	5.99	15		10	150

Surrogate Summary

SW-846

SDG No.: **BG081524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3533-10	E0AB4	BG062429.D	Fluorene-d10	40	22.38	56		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.71	62		10	130
			Anthracene-d10	40	24.24	61		25	130
			Pyrene-d10	40	25.37	63		15	130
			Benzo(a)pyrene-d12	40	25.42	64		20	130
P3533-12	E0AA9	BG062430.D	1,4-Dioxane-d8	8	3.25	41		15	120
			Pyridine-d5	40	8.25	21		20	120
			Phenol-d5	40	6.95	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.33	58		25	120
			2-Chlorophenol-d4	40	23.70	59		20	130
			4-Methylphenol-d8	40	14.94	37		25	125
			Nitrobenzene-d5	40	28.96	72		20	125
			2-Nitrophenol-d4	40	31.41	79		20	130
			2,4-Dichlorophenol-d3	40	24.36	61		20	120
			4-Chloroaniline-d4	40	17.99	45		1	146
			Dimethylphthalate-d6	40	22.89	57		25	130
			Acenaphthylene-d8	40	23.34	58		10	130
			4-Nitrophenol-d4	40	5.89	15		10	150
			Fluorene-d10	40	22.80	57		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.85	62		10	130
			Anthracene-d10	40	24.16	60		25	130
			Pyrene-d10	40	25.62	64		15	130
			Benzo(a)pyrene-d12	40	25.12	63		20	130
P3533-13	E0AB2	BG062431.D	1,4-Dioxane-d8	8	3.69	46		15	120
			Pyridine-d5	40	9.75	24		20	120
			Phenol-d5	40	7.84	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.77	69		25	120
			2-Chlorophenol-d4	40	27.53	69		20	130
			4-Methylphenol-d8	40	17.49	44		25	125
			Nitrobenzene-d5	40	34.47	86		20	125
			2-Nitrophenol-d4	40	37.70	94		20	130
			2,4-Dichlorophenol-d3	40	28.58	71		20	120
			4-Chloroaniline-d4	40	22.46	56		1	146
			Dimethylphthalate-d6	40	28.72	72		25	130
			Acenaphthylene-d8	40	28.63	72		10	130
			4-Nitrophenol-d4	40	7.17	18		10	150
			Fluorene-d10	40	28.49	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.42	79		10	130
			Anthracene-d10	40	30.15	75		25	130
			Pyrene-d10	40	31.71	79		15	130
			Benzo(a)pyrene-d12	40	31.56	79		20	130
P3533-15	E0AB1	BG062432.D	1,4-Dioxane-d8	8	3.22	40		15	120
			Pyridine-d5	40	8.58	21		20	120
			Phenol-d5	40	6.62	17		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.27	58		25	120
			2-Chlorophenol-d4	40	23.40	58		20	130
			4-Methylphenol-d8	40	14.83	37		25	125
			Nitrobenzene-d5	40	28.76	72		20	125
			2-Nitrophenol-d4	40	32.35	81		20	130

Surrogate Summary

SW-846

SDG No.: **BG081524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3533-15	E0AB1	BG062432.D	2,4-Dichlorophenol-d3	40	24.14	60		20	120
			4-Chloroaniline-d4	40	18.53	46		1	146
			Dimethylphthalate-d6	40	23.55	59		25	130
			Acenaphthylene-d8	40	24.02	60		10	130
			4-Nitrophenol-d4	40	5.58	14		10	150
			Fluorene-d10	40	23.34	58		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.90	62		10	130
			Anthracene-d10	40	24.05	60		25	130
			Pyrene-d10	40	26.29	66		15	130
			Benzo(a)pyrene-d12	40	25.27	63		20	130
PB162707BL	PB162707BL	BG062424.D	1,4-Dioxane-d8	8	4.53	57		15	120
			Pyridine-d5	40	21.39	53		20	120
			Phenol-d5	40	26.10	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.79	62		25	120
			2-Chlorophenol-d4	40	27.26	68		20	130
			4-Methylphenol-d8	40	24.45	61		25	125
			Nitrobenzene-d5	40	31.92	80		20	125
			2-Nitrophenol-d4	40	34.46	86		20	130
			2,4-Dichlorophenol-d3	40	26.83	67		20	120
			4-Chloroaniline-d4	40	22.38	56		1	146
			Dimethylphthalate-d6	40	24.83	62		25	130
			Acenaphthylene-d8	40	25.33	63		10	130
			4-Nitrophenol-d4	40	23.92	60		10	150
			Fluorene-d10	40	25.18	63		25	125
			4,6-Dinitro-2-methylphenol-d2	40	24.72	62		10	130
			Anthracene-d10	40	26.12	65		25	130
			Pyrene-d10	40	26.67	67		15	130
			Benzo(a)pyrene-d12	40	25.94	65		20	130
PB162707BS	PB162707BS	BG062435.D	1,4-Dioxane-d8	8	4.95	62		15	120
			Pyridine-d5	40	21.37	53		20	120
			Phenol-d5	40	26.92	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.92	62		25	120
			2-Chlorophenol-d4	40	28.17	70		20	130
			4-Methylphenol-d8	40	26.01	65		25	125
			Nitrobenzene-d5	40	32.06	80		20	125
			2-Nitrophenol-d4	40	36.46	91		20	130
			2,4-Dichlorophenol-d3	40	28.07	70		20	120
			4-Chloroaniline-d4	40	21.39	53		1	146
			Dimethylphthalate-d6	40	25.13	63		25	130
			Acenaphthylene-d8	40	25.83	65		10	130
			4-Nitrophenol-d4	40	26.25	66		10	150
			Fluorene-d10	40	25.44	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.96	85		10	130
			Anthracene-d10	40	25.96	65		25	130
			Pyrene-d10	40	27.95	70		15	130
			Benzo(a)pyrene-d12	40	26.50	66		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG081524

Lab Code: CHEM

SAS No.: BG081524 SDG NO.: BG081524

Lab File ID: BG062406.D

DFTPP Injection Date: 08/15/2024

Instrument ID: BNA_G

DFTPP Injection Time: 08:15

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.3
68	Less than 2.0% of mass 69	0.4 (1.2) 1
69	Mass 69 relative abundance	30.4
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	37.6
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.9
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	78.5
443	15.0 - 24.0% of mass 442	14.2 (18.1) 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
SSTD020456	SSTDCCC020	BG062407.D	08/15/2024	09:10
SBLK679	PB162679BL	BG062408.D	08/15/2024	09:53
E0AE9	P3481-07	BG062409.D	08/15/2024	10:33
E0AE7	P3481-06	BG062410.D	08/15/2024	11:13
E0AE4	P3481-08	BG062411.D	08/15/2024	11:53
E0AE4MS	P3481-09MS	BG062412.D	08/15/2024	12:34
E0AE4MSD	P3481-10MSD	BG062413.D	08/15/2024	13:15
E0AF2	P3481-17	BG062414.D	08/15/2024	13:56
E0AF0	P3481-14	BG062415.D	08/15/2024	14:37
DCXT6	P3502-02	BG062416.D	08/15/2024	15:18
DCXT7	P3502-03	BG062417.D	08/15/2024	15:58
DCXT8	P3502-04	BG062418.D	08/15/2024	16:40
DCXT9	P3502-05	BG062419.D	08/15/2024	17:21
SSTD020457	SSTDCCC020	BG062420.D	08/15/2024	18:03
SBLK649	PB162649BL	BG062421.D	08/15/2024	18:44
SVOC-GPC2-BLANK	P3542-10	BG062422.D	08/15/2024	19:24
SVOC-GPC-BLANK	P3542-05	BG062423.D	08/15/2024	20:05
SBLK707	PB162707BL	BG062424.D	08/15/2024	20:47

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG081524

Lab Code: CHEM

SAS No.: BG081524 SDG NO.: BG081524

Lab File ID: BG062406.D

DFTPP Injection Date: 08/15/2024

Instrument ID: BNA_G

DFTPP Injection Time: 08:15

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	38.3
68	Less than 2.0% of mass 69	0.4 (1.2) 1
69	Mass 69 relative abundance	30.4
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	37.6
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.9
365	Greater than 1% of mass 198	4
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	78.5
443	15.0 - 24.0% of mass 442	14.2 (18.1) 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
E0AF0	P3481-14	BG062425.D	08/15/2024	21:28
DCXT7	P3502-03	BG062426.D	08/15/2024	22:09
E0AD6	P3533-07	BG062427.D	08/15/2024	22:50
E0AB3	P3533-09	BG062428.D	08/15/2024	23:31
E0AB4	P3533-10	BG062429.D	08/16/2024	00:12
E0AA9	P3533-12	BG062430.D	08/16/2024	00:53
E0AB2	P3533-13	BG062431.D	08/16/2024	01:34
E0AB1	P3533-15	BG062432.D	08/16/2024	02:15
E0AE9DL	P3481-07DL	BG062433.D	08/16/2024	02:55
DCXT8	P3502-04	BG062434.D	08/16/2024	03:36
SLCS707	PB162707BS	BG062435.D	08/16/2024	04:17
SSTD020458	SSTDCCC020EC	BG062436.D	08/16/2024	05:38