

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG082024 SAS No.: BG082024 SDG No.: BG082024

Instrument ID: BNA_G Calibration Date/Time: 8/20/2024 1:09:47

Lab File ID: BG062470.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020463 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	0.425	0.010	-24.3761	40.0
Benzaldehyde	1.031	1.219	0.010	18.2116	40.0
Pyridine	1.689	1.378	0.010	-18.3884	40.0
Phenol	2.088	2.100	0.080	0.6007	20.0
Bis(2-Chloroethyl)ether	1.545	1.485	0.100	-3.8442	20.0
2-Chlorophenol	1.406	1.476	0.200	5.0108	20.0
2-Methylphenol	1.571	1.425	0.010	-9.2987	20.0
2,2-oxybis(1-Chloropropane)	3.189	2.822	0.010	-11.5112	40.0
Acetophenone	2.732	2.342	0.060	-14.2851	20.0
4-Methylphenol	1.799	1.601	0.010	-11.0402	20.0
N-Nitroso-di-n-propylamine	1.442	1.261	0.050	-12.5055	30.0
Hexachloroethane	0.559	0.526	0.100	-6.0299	20.0
Nitrobenzene	0.362	0.390	0.050	7.5132	25.0
Isophorone	0.856	0.783	0.050	-8.4561	25.0
2-Nitrophenol	0.143	0.184	0.050	28.836	25.0
2,4-Dimethylphenol	0.389	0.410	0.050	5.3525	25.0
Bis(2-Chloroethoxy)methane	0.476	0.461	0.050	-3.146	20.0
2,4-Dichlorophenol	0.334	0.360	0.060	7.7371	20.0
Naphthalene	1.160	1.143	0.200	-1.4404	20.0
4-Chloroaniline	0.501	0.476	0.010	-4.9822	40.0
Hexachlorobutadiene	0.254	0.247	0.040	-2.7124	30.0
Caprolactam	0.135	0.129	0.010	-4.334	40.0
4-Chloro-3-methylphenol	0.390	0.416	0.040	6.4886	25.0
1-Methylnaphthalene	0.836	0.828	0.100	-0.9605	20.0
2-Methylnaphthalene	0.819	0.801	0.100	-2.2723	20.0
Hexachlorocyclopentadiene	0.342	0.269	0.010	-21.5057	40.0
2,4,6-Trichlorophenol	0.384	0.422	0.090	9.7298	25.0
2,4,5-Trichlorophenol	0.403	0.444	0.100	10.0331	25.0
1,1-Biphenyl	1.515	1.442	0.200	-4.8619	20.0
2-Chloronaphthalene	1.172	1.118	0.300	-4.6263	20.0
2-Nitroaniline	0.304	0.363	0.050	19.5337	40.0
Dimethylphthalate	1.577	1.469	0.300	-6.859	20.0
2,6-Dinitrotoluene	0.225	0.268	0.080	18.8298	30.0
Acenaphthylene	1.844	1.768	0.400	-4.1239	20.0
3-Nitroaniline	0.257	0.285	0.010	11.0977	40.0
Acenaphthene	1.380	1.322	0.200	-4.2364	20.0
2,4-Dinitrophenol	0.142	0.151	0.010	6.1102	40.0
4-Nitrophenol	0.213	0.221	0.010	3.943	40.0
Dibenzofuran	1.942	1.868	0.300	-3.7852	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG082024 SAS No.: BG082024 SDG No.: BG082024

Instrument ID: BNA_G Calibration Date/Time: 8/20/2024 1:09:47

Lab File ID: BG062470.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020463 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	0.399	0.070	16.4311	30.0
Diethylphthalate	1.574	1.477	0.300	-6.1842	20.0
Fluorene	1.530	1.466	0.200	-4.1721	20.0
4-Chlorophenyl-phenylether	0.786	0.741	0.100	-5.7837	20.0
4-Nitroaniline	0.268	0.292	0.010	8.7179	40.0
4,6-Dinitro-2-methylphenol	0.102	0.111	0.010	7.9996	40.0
N-Nitrosodiphenylamine	0.580	0.565	0.050	-2.5109	20.0
1,2,4,5-Tetrachlorobenzene	0.668	0.638	0.100	-4.4947	20.0
4-Bromophenyl-phenylether	0.224	0.222	0.070	-1.0612	20.0
Hexachlorobenzene	0.262	0.255	0.050	-2.386	25.0
Atrazine	0.242	0.238	0.010	-1.7173	25.0
Pentachlorophenol	0.153	0.168	0.010	9.8871	40.0
Phenanthrene	1.124	1.073	0.200	-4.5353	20.0
Pentachlorobenzene	0.300	0.292	0.050	-2.5043	20.0
Anthracene	1.151	1.100	0.200	-4.4561	20.0
1,2,3,4-Tetrachlorobenzene	0.286	0.286	0.050	-0.0945	20.0
Carbazole	0.967	0.923	0.050	-4.5724	40.0
Di-n-butylphthalate	1.157	1.120	0.500	-3.1438	25.0
Fluoranthene	1.309	1.311	0.400	0.1695	25.0
Pyrene	1.410	1.384	0.400	-1.8776	25.0
Butylbenzylphthalate	0.475	0.502	0.100	5.6209	40.0
3,3-Dichlorobenzidine	0.437	0.474	0.010	8.6419	40.0
Benzo (a) anthracene	1.452	1.414	0.300	-2.5649	30.0
Chrysene	1.376	1.340	0.200	-2.6511	30.0
Bis(2-ethylhexyl)phthalate	0.694	0.742	0.200	6.8625	40.0
Di-n-octyl phthalate	1.067	1.093	0.010	2.5015	40.0
Benzo (b) fluoranthene	1.208	1.142	0.200	-5.4483	25.0
Benzo (k) fluoranthene	1.220	1.163	0.200	-4.672	25.0
Benzo (a) pyrene	1.139	1.093	0.200	-4.018	20.0
Indeno (1,2,3-cd) pyrene	1.448	1.415	0.200	-2.2514	25.0
Dibenzo (a,h) anthracene	1.173	1.156	0.200	-1.4895	30.0
Benzo (g,h,i) perylene	1.113	1.089	0.200	-2.1915	30.0
2,3,4,6-Tetrachlorophenol	0.388	0.434	0.040	11.8062	20.0
1,4-Dioxane-d8	0.527	0.413	0.010	-21.5069	25.0
Pyridine-d5	1.605	1.329	0.010	-17.1768	40.0
Phenol-d5	1.990	2.026	0.010	1.8069	25.0
Bis- (2-Chloroethyl) ether-d8	1.253	1.209	0.050	-3.5504	25.0
2-Chlorophenol-d4	1.359	1.426	0.200	4.8955	20.0
4-Methylphenol-d8	1.668	1.497	0.010	-10.2185	20.0

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Instrument ID: BNA_G Calibration Date/Time: 8/20/2024 1:09:47

Lab File ID: BG062470.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020463 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.128	0.148	0.050	15.3908	20.0
2-Nitrophenol-d4	0.128	0.171	0.050	33.9589	30.0
2,4-Dichlorophenol-d3	0.325	0.355	0.060	9.3651	20.0
4-Chloroaniline-d4	0.515	0.493	0.010	-4.2549	40.0
Dimethylphthalate-d6	1.556	1.455	0.300	-6.4785	20.0
Acenaphthylene-d8	1.723	1.658	0.400	-3.774	20.0
4-Nitrophenol-d4	0.248	0.260	0.010	4.6938	40.0
Fluorene-d10	1.403	1.352	0.100	-3.6409	20.0
4,6-Dinitro-2-methylphenol-d2	0.091	0.099	0.010	8.682	40.0
Anthracene-d10	0.961	0.913	0.300	-4.9714	20.0
Pyrene-d10	1.171	1.150	0.300	-1.7808	25.0
Benzo(a)pyrene-d12	1.061	1.027	0.010	-3.2098	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.: BG082024 SAS No.: BG082024 SDG No.: BG082024

Instrument ID: BNA_G Calibration Date/Time: 8/20/2024 1:17:57

Lab File ID: BG062481.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020464 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	0.428	0.010	-23.8567	40.0
Benzaldehyde	1.031	1.122	0.010	8.8088	40.0
Pyridine	1.689	1.183	0.010	-29.9599	40.0
Phenol	2.088	2.010	0.080	-3.7268	20.0
Bis(2-Chloroethyl)ether	1.545	1.362	0.100	-11.8467	20.0
2-Chlorophenol	1.406	1.410	0.200	0.3189	20.0
2-Methylphenol	1.571	1.453	0.010	-7.5328	20.0
2,2-oxybis(1-Chloropropane)	3.189	2.880	0.010	-9.6838	40.0
Acetophenone	2.732	2.131	0.060	-22.0096	20.0
4-Methylphenol	1.799	1.497	0.010	-16.8327	20.0
N-Nitroso-di-n-propylamine	1.442	1.092	0.050	-24.2676	30.0
Hexachloroethane	0.559	0.461	0.100	-17.6516	20.0
Nitrobenzene	0.362	0.391	0.050	7.9477	25.0
Isophorone	0.856	0.756	0.050	-11.6713	25.0
2-Nitrophenol	0.143	0.186	0.050	30.6393	25.0
2,4-Dimethylphenol	0.389	0.399	0.050	2.5843	25.0
Bis(2-Chloroethoxy)methane	0.476	0.441	0.050	-7.3736	20.0
2,4-Dichlorophenol	0.334	0.357	0.060	7.0004	20.0
Naphthalene	1.160	1.123	0.200	-3.2265	20.0
4-Chloroaniline	0.501	0.456	0.010	-9.0704	40.0
Hexachlorobutadiene	0.254	0.247	0.040	-2.58	30.0
Caprolactam	0.135	0.111	0.010	-17.5577	40.0
4-Chloro-3-methylphenol	0.390	0.393	0.040	0.7096	25.0
1-Methylnaphthalene	0.836	0.787	0.100	-5.8361	20.0
2-Methylnaphthalene	0.819	0.773	0.100	-5.6052	20.0
Hexachlorocyclopentadiene	0.342	0.313	0.010	-8.494	40.0
2,4,6-Trichlorophenol	0.384	0.402	0.090	4.5136	25.0
2,4,5-Trichlorophenol	0.403	0.437	0.100	8.4243	25.0
1,1-Biphenyl	1.515	1.435	0.200	-5.2767	20.0
2-Chloronaphthalene	1.172	1.124	0.300	-4.1089	20.0
2-Nitroaniline	0.304	0.344	0.050	13.2322	40.0
Dimethylphthalate	1.577	1.340	0.300	-15.0338	20.0
2,6-Dinitrotoluene	0.225	0.254	0.080	12.6141	30.0
Acenaphthylene	1.844	1.709	0.400	-7.3417	20.0
3-Nitroaniline	0.257	0.270	0.010	5.3086	40.0
Acenaphthene	1.380	1.265	0.200	-8.3235	20.0
2,4-Dinitrophenol	0.142	0.138	0.010	-2.9429	40.0
4-Nitrophenol	0.213	0.201	0.010	-5.8651	40.0
Dibenzofuran	1.942	1.780	0.300	-8.3442	20.0

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Instrument ID: BNA_G Calibration Date/Time: 8/20/2024 1:17:57

Lab File ID: BG062481.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020464 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	0.380	0.070	10.9209	30.0
Diethylphthalate	1.574	1.353	0.300	-14.027	20.0
Fluorene	1.530	1.351	0.200	-11.7301	20.0
4-Chlorophenyl-phenylether	0.786	0.698	0.100	-11.2549	20.0
4-Nitroaniline	0.268	0.254	0.010	-5.3371	40.0
4,6-Dinitro-2-methylphenol	0.102	0.111	0.010	8.7349	40.0
N-Nitrosodiphenylamine	0.580	0.563	0.050	-2.811	20.0
1,2,4,5-Tetrachlorobenzene	0.668	0.646	0.100	-3.2058	20.0
4-Bromophenyl-phenylether	0.224	0.217	0.070	-3.322	20.0
Hexachlorobenzene	0.262	0.252	0.050	-3.6727	25.0
Atrazine	0.242	0.218	0.010	-9.8505	25.0
Pentachlorophenol	0.153	0.158	0.010	3.6809	40.0
Phenanthrene	1.124	1.040	0.200	-7.4166	20.0
Pentachlorobenzene	0.300	0.305	0.050	1.6686	20.0
Anthracene	1.151	1.077	0.200	-6.4534	20.0
1,2,3,4-Tetrachlorobenzene	0.286	0.310	0.050	8.2641	20.0
Carbazole	0.967	0.874	0.050	-9.6184	40.0
Di-n-butylphthalate	1.157	1.064	0.500	-8.0633	25.0
Fluoranthene	1.309	1.268	0.400	-3.0628	25.0
Pyrene	1.410	1.336	0.400	-5.2549	25.0
Butylbenzylphthalate	0.475	0.485	0.100	2.0885	40.0
3,3-Dichlorobenzidine	0.437	0.458	0.010	4.8436	40.0
Benzo (a) anthracene	1.452	1.363	0.300	-6.0738	30.0
Chrysene	1.376	1.287	0.200	-6.5005	30.0
Bis(2-ethylhexyl)phthalate	0.694	0.711	0.200	2.4236	40.0
Di-n-octyl phthalate	1.067	1.087	0.010	1.8666	40.0
Benzo (b) fluoranthene	1.208	1.107	0.200	-8.3963	25.0
Benzo (k) fluoranthene	1.220	1.133	0.200	-7.1035	25.0
Benzo (a) pyrene	1.139	1.048	0.200	-8.0278	20.0
Indeno (1,2,3-cd) pyrene	1.448	1.377	0.200	-4.9021	25.0
Dibenzo (a,h) anthracene	1.173	1.122	0.200	-4.395	30.0
Benzo (g,h,i) perylene	1.113	1.064	0.200	-4.4393	30.0
2,3,4,6-Tetrachlorophenol	0.388	0.394	0.040	1.592	20.0
1,4-Dioxane-d8	0.527	0.332	0.010	-37.0129	25.0
Pyridine-d5	1.605	1.099	0.010	-31.5585	40.0
Phenol-d5	1.990	1.906	0.010	-4.2258	25.0
Bis- (2-Chloroethyl) ether-d8	1.253	1.085	0.050	-13.4472	25.0
2-Chlorophenol-d4	1.359	1.342	0.200	-1.2787	20.0
4-Methylphenol-d8	1.668	1.395	0.010	-16.3405	20.0

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EPA Sample No.: SSTD020464 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.128	0.151	0.050	17.6004	20.0
2-Nitrophenol-d4	0.128	0.169	0.050	32.1706	30.0
2,4-Dichlorophenol-d3	0.325	0.348	0.060	6.9983	20.0
4-Chloroaniline-d4	0.515	0.469	0.010	-9.0674	40.0
Dimethylphthalate-d6	1.556	1.345	0.300	-13.5745	20.0
Acenaphthylene-d8	1.723	1.602	0.400	-6.996	20.0
4-Nitrophenol-d4	0.248	0.235	0.010	-5.2865	40.0
Fluorene-d10	1.403	1.244	0.100	-11.3662	20.0
4,6-Dinitro-2-methylphenol-d2	0.091	0.099	0.010	9.1723	40.0
Anthracene-d10	0.961	0.898	0.300	-6.5644	20.0
Pyrene-d10	1.171	1.104	0.300	-5.7825	25.0
Benzo(a)pyrene-d12	1.061	0.992	0.010	-6.5596	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.: BG082024 SAS No.: BG082024 SDG No.: BG082024

Instrument ID: BNA_G Calibration Date/Time: 8/21/2024 1:04:47

Lab File ID: BG062496.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020465 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	0.525	0.010	-6.6252	50.0
Benzaldehyde	1.031	1.158	0.010	12.2483	50.0
Pyridine	1.689	1.692	0.010	0.1986	50.0
Phenol	2.088	2.111	0.080	1.0955	50.0
Bis(2-Chloroethyl)ether	1.545	1.399	0.100	-9.4415	50.0
2-Chlorophenol	1.406	1.462	0.200	3.9703	50.0
2-Methylphenol	1.571	1.584	0.010	0.826	50.0
2,2-oxybis(1-Chloropropane)	3.189	3.010	0.010	-5.6153	50.0
Acetophenone	2.732	2.468	0.060	-9.6653	50.0
4-Methylphenol	1.799	1.764	0.010	-1.9838	50.0
N-Nitroso-di-n-propylamine	1.442	1.291	0.050	-10.4553	50.0
Hexachloroethane	0.559	0.565	0.100	1.0881	50.0
Nitrobenzene	0.362	0.383	0.050	5.7576	50.0
Isophorone	0.856	0.732	0.050	-14.3925	50.0
2-Nitrophenol	0.143	0.184	0.050	29.2266	50.0
2,4-Dimethylphenol	0.389	0.375	0.050	-3.4519	50.0
Bis(2-Chloroethoxy)methane	0.476	0.430	0.050	-9.6962	50.0
2,4-Dichlorophenol	0.334	0.358	0.060	7.2951	50.0
Naphthalene	1.160	1.088	0.200	-6.191	50.0
4-Chloroaniline	0.501	0.439	0.010	-12.2807	50.0
Hexachlorobutadiene	0.254	0.244	0.040	-3.9281	50.0
Caprolactam	0.135	0.109	0.010	-18.7202	50.0
4-Chloro-3-methylphenol	0.390	0.383	0.040	-1.9804	50.0
1-Methylnaphthalene	0.836	0.778	0.100	-6.9573	50.0
2-Methylnaphthalene	0.819	0.764	0.100	-6.6919	50.0
Hexachlorocyclopentadiene	0.342	0.324	0.010	-5.297	50.0
2,4,6-Trichlorophenol	0.384	0.410	0.090	6.6759	50.0
2,4,5-Trichlorophenol	0.403	0.449	0.100	11.425	50.0
1,1-Biphenyl	1.515	1.453	0.200	-4.1113	50.0
2-Chloronaphthalene	1.172	1.138	0.300	-2.9123	50.0
2-Nitroaniline	0.304	0.358	0.050	17.826	50.0
Dimethylphthalate	1.577	1.384	0.300	-12.22	50.0
2,6-Dinitrotoluene	0.225	0.270	0.080	19.8529	50.0
Acenaphthylene	1.844	1.703	0.400	-7.6637	50.0
3-Nitroaniline	0.257	0.272	0.010	5.9729	50.0
Acenaphthene	1.380	1.268	0.200	-8.1006	50.0
2,4-Dinitrophenol	0.142	0.159	0.010	12.0915	50.0
4-Nitrophenol	0.213	0.201	0.010	-5.467	50.0
Dibenzofuran	1.942	1.807	0.300	-6.9076	50.0

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Instrument ID: BNA_G Calibration Date/Time: 8/21/2024 1:04:47

Lab File ID: BG062496.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020465 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	16.1443	50.0
Diethylphthalate	1.574	1.367	0.300	-13.1842	50.0
Fluorene	1.530	1.346	0.200	-12.0677	50.0
4-Chlorophenyl-phenylether	0.786	0.699	0.100	-11.1065	50.0
4-Nitroaniline	0.268	0.258	0.010	-3.7358	50.0
4,6-Dinitro-2-methylphenol	0.102	0.121	0.010	18.5242	50.0
N-Nitrosodiphenylamine	0.580	0.575	0.050	-0.7405	50.0
1,2,4,5-Tetrachlorobenzene	0.668	0.650	0.100	-2.716	50.0
4-Bromophenyl-phenylether	0.224	0.228	0.070	1.7944	50.0
Hexachlorobenzene	0.262	0.257	0.050	-1.69	50.0
Atrazine	0.242	0.227	0.010	-6.0755	50.0
Pentachlorophenol	0.153	0.163	0.010	6.5468	50.0
Phenanthrene	1.124	1.043	0.200	-7.1725	50.0
Pentachlorobenzene	0.300	0.315	0.050	4.9731	50.0
Anthracene	1.151	1.059	0.200	-7.974	50.0
1,2,3,4-Tetrachlorobenzene	0.286	0.326	0.050	13.8864	50.0
Carbazole	0.967	0.884	0.050	-8.5559	50.0
Di-n-butylphthalate	1.157	1.071	0.500	-7.4268	50.0
Fluoranthene	1.309	1.266	0.400	-3.2485	50.0
Pyrene	1.410	1.352	0.400	-4.1451	50.0
Butylbenzylphthalate	0.475	0.490	0.100	3.0952	50.0
3,3-Dichlorobenzidine	0.437	0.455	0.010	4.192	50.0
Benzo (a) anthracene	1.452	1.363	0.300	-6.1178	50.0
Chrysene	1.376	1.289	0.200	-6.3138	50.0
Bis (2-ethylhexyl) phthalate	0.694	0.717	0.200	3.2297	50.0
Di-n-octyl phthalate	1.067	1.059	0.010	-0.6724	50.0
Benzo (b) fluoranthene	1.208	1.108	0.200	-8.2978	50.0
Benzo (k) fluoranthene	1.220	1.135	0.200	-6.921	50.0
Benzo (a) pyrene	1.139	1.059	0.200	-6.9821	50.0
Indeno (1,2,3-cd) pyrene	1.448	1.378	0.200	-4.8247	50.0
Dibenzo (a,h) anthracene	1.173	1.119	0.200	-4.627	50.0
Benzo (g,h,i) perylene	1.113	1.068	0.200	-4.0704	50.0
2,3,4,6-Tetrachlorophenol	0.388	0.395	0.040	1.9218	50.0
1,4-Dioxane-d8	0.527	0.483	0.010	-8.2882	50.0
Pyridine-d5	1.605	1.582	0.010	-1.4187	50.0
Phenol-d5	1.990	1.971	0.010	-0.9312	50.0
Bis- (2-Chloroethyl) ether-d8	1.253	1.121	0.050	-10.5827	50.0
2-Chlorophenol-d4	1.359	1.421	0.200	4.5653	50.0
4-Methylphenol-d8	1.668	1.663	0.010	-0.2954	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG082024 SAS No.: BG082024 SDG No.: BG082024

Instrument ID: BNA_G Calibration Date/Time: 8/21/2024 1:04:47

Lab File ID: BG062496.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020465 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.128	0.147	0.050	14.7692	50.0
2-Nitrophenol-d4	0.128	0.168	0.050	31.9783	50.0
2,4-Dichlorophenol-d3	0.325	0.348	0.060	7.1753	50.0
4-Chloroaniline-d4	0.515	0.454	0.010	-11.8353	50.0
Dimethylphthalate-d6	1.556	1.362	0.300	-12.4399	50.0
Acenaphthylene-d8	1.723	1.590	0.400	-7.7175	50.0
4-Nitrophenol-d4	0.248	0.233	0.010	-6.0741	50.0
Fluorene-d10	1.403	1.264	0.100	-9.9349	50.0
4,6-Dinitro-2-methylphenol-d2	0.091	0.111	0.010	21.9473	50.0
Anthracene-d10	0.961	0.894	0.300	-6.9381	50.0
Pyrene-d10	1.171	1.113	0.300	-5.0033	50.0
Benzo(a)pyrene-d12	1.061	0.982	0.010	-7.479	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	SBLK773	SDG No.:	BG082024
Lab Sample ID:	PB162773BL	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
BG062471.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

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:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	SBLK773	SDG No.:	BG082024
Lab Sample ID:	PB162773BL	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
BG062471.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

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:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	SBLK773	SDG No.:	BG082024
Lab Sample ID:	PB162773BL	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
BG062471.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

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	5.704		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	27.924		20-120		70	SPK: -40
4165-62-2	Phenol-d5	26.774		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.693		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.591		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	26.421		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	32.694		10-135		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.625		10-120		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.509		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.484		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.954		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.863		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.253		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	28.016		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	SBLK773	SDG No.:	BG082024
Lab Sample ID:	PB162773BL	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
BG062471.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.677		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	28.523		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	29.523		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.237		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49425	7.946				
1146-65-2	Naphthalene-d8	233896	10.737				
15067-26-2	Acenaphthene-d10	188460	14.567				
1517-22-2	Phenanthrene-d10	438498	17.304				
1719-03-5	Chrysene-d12	421392	21.546				
1520-96-3	Perylene-d12	484680	24.63				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	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:	DCYF2	SDG No.:	BG082024
Lab Sample ID:	P3504-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25
Sample Wt/Vol:	30.1	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
BG062472.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	U	36	8.8	89	ug/Kg
110-86-1	Pyridine	100	U	100	220	440	ug/Kg
100-52-7	Benzaldehyde	77	U	77	110	440	ug/Kg
108-95-2	Phenol	40	U	40	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	110	440	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	56.5	230	ug/Kg
95-48-7	2-Methylphenol	41	U	41	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	53	U	53	110	440	ug/Kg
98-86-2	Acetophenone	88	U	88	110	440	ug/Kg
106-44-5	4-Methylphenol	70	U	70	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	56.5	230	ug/Kg
67-72-1	Hexachloroethane	81	U	81	56.5	230	ug/Kg
98-95-3	Nitrobenzene	85	U	85	56.5	230	ug/Kg
78-59-1	Isophorone	88	U	88	56.5	230	ug/Kg
88-75-5	2-Nitrophenol	80	U	80	56.5	230	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	56.5	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	60	U	60	56.5	230	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	56.5	230	ug/Kg
91-20-3	Naphthalene	32	U	32	56.5	230	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	56.5	440	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	56.5	230	ug/Kg
105-60-2	Caprolactam	85	U	85	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	56.5	230	ug/Kg
90-12-0	1-Methylnaphthalene	32	U	32	56.5	230	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	56.5	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	32	U	32	56.5	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	56.5	230	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:	DCYF2	SDG No.:	BG082024
Lab Sample ID:	P3504-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25
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
BG062472.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35	U	35	56.5	230	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	56.5	230	ug/Kg
88-74-4	2-Nitroaniline	60	U	60	56.5	230	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	56.5	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	56.5	230	ug/Kg
208-96-8	Acenaphthylene	39	U	39	56.5	230	ug/Kg
99-09-2	3-Nitroaniline	88	U	88	110	440	ug/Kg
83-32-9	Acenaphthene	35	U	35	56.5	230	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	440	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	440	ug/Kg
132-64-9	Dibenzofuran	36	U	36	56.5	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	56.5	230	ug/Kg
84-66-2	Diethylphthalate	44	U	44	56.5	230	ug/Kg
86-73-7	Fluorene	36	U	36	56.5	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	56.5	230	ug/Kg
100-01-6	4-Nitroaniline	32	U	32	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	50	U	50	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	32	U	32	56.5	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	56.5	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	56.5	230	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	56.5	230	ug/Kg
1912-24-9	Atrazine	37	U	37	110	440	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	440	ug/Kg
85-01-8	Phenanthrene	36	U	36	56.5	230	ug/Kg
608-93-5	Pentachlorobenzene	49	U	49	56.5	230	ug/Kg
120-12-7	Anthracene	33	U	33	56.5	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	23	U	23	56.5	230	ug/Kg
86-74-8	Carbazole	45	U	45	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	36	U	36	56.5	230	ug/Kg
206-44-0	Fluoranthene	25	U	25	110	230	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:	DCYF2	SDG No.:	BG082024
Lab Sample ID:	P3504-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25
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
BG062472.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	24	U	24	56.5	230	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	56.5	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	56.5	230	ug/Kg
218-01-9	Chrysene	32	U	32	56.5	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	33	U	33	56.5	230	ug/Kg
117-84-0	Di-n-octyl phthalate	64	U	64	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	56.5	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	56.5	230	ug/Kg
50-32-8	Benzo(a)pyrene	41	U	41	56.5	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	56.5	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	56.5	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	56.5	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	56.5	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.144		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	3.829	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	25.859		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.218		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.721		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	22.305		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	28.844		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.225		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.345		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.809		1-145		15	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.299		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.889		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.979		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	22.822		20-140		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:	DCYF2	SDG No.:	BG082024
Lab Sample ID:	P3504-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25
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
BG062472.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.525		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	20.151		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	23.976		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.657		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64350	7.94				
1146-65-2	Naphthalene-d8	289069	10.736				
15067-26-2	Acenaphthene-d10	217301	14.567				
1517-22-2	Phenanthrene-d10	485623	17.304				
1719-03-5	Chrysene-d12	450590	21.545				
1520-96-3	Perylene-d12	504333	24.629				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	220	J			3.664	
000080-56-8	.alpha.-Pinene	570	J			6.642	
000770-35-4	1-Phenoxypropan-2-ol	240	J			11.471	
000475-20-7	Longifolene	180	J			13.844	
017699-05-7	Bicyclo[3.1.1]hept-2-ene, 2,6-dime	130	J			14.467	
000057-10-3	n-Hexadecanoic acid	420	J			18.203	
000057-11-4	Octadecanoic acid	210	J			19.472	
000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	93	J			20.394	
024035-37-8	13-Isopropylpodocarpene-12-ol-20-al	1100	J			20.564	
001235-74-1	Methyl dehydroabietate	96	J			20.664	
001740-19-8	Dehydroabietic acid	510	J			21.187	
959218-78-1	Pentafluoropropionic acid, heptade	260	J			21.216	
959085-66-6	Heptadecyl heptafluorobutyrate	260	J			22.356	
	(DEL) Alkane: Straight-Chain23.778	91	J			23.778	
000506-51-4	n-Tetracosanol-1	160	J			23.831	
007390-81-0	Oxirane, hexadecyl-	91	J			25.176	
	(DEL) Alkane: Straight-Chain25.769	100	J			25.769	

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:	DCYF2	SDG No.:	BG082024
Lab Sample ID:	P3504-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25
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
BG062472.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000112-92-5	1-Octadecanol	1700	J			25.881	
	unknown-01	280	J			28.624	
000083-46-5	.beta.-Sitosterol	400	J			29.705	
E966796	Total Alkanes	190				99	ug/Kg



Client:			Date Collected:	8/8/2024 12:00:00 AM		
Project:			Date Received:	8/8/2024 12:00:00 AM		
Client Sample ID:	DCYF2MS		SDG No.:	BG082024		
Lab Sample ID:	P3504-25MS		Matrix:	Solid		
Analytical Method:	SFAM_SVOC		% Moisture:	25		
Sample Wt/Vol:	30.08	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
BG062473.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	520		36	8.8	89	ug/Kg
100-52-7	Benzaldehyde	1700		77	110	440	ug/Kg
110-86-1	Pyridine	1300		100	220	440	ug/Kg
108-95-2	Phenol	1600		40	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1500		39	110	440	ug/Kg
95-57-8	2-Chlorophenol	1600		37	56.5	230	ug/Kg
95-48-7	2-Methylphenol	1400		41	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1500		53	110	440	ug/Kg
98-86-2	Acetophenone	1400		88	110	440	ug/Kg
106-44-5	4-Methylphenol	1400		70	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1400		110	56.5	230	ug/Kg
67-72-1	Hexachloroethane	1600		81	56.5	230	ug/Kg
98-95-3	Nitrobenzene	1600		85	56.5	230	ug/Kg
78-59-1	Isophorone	1400		88	56.5	230	ug/Kg
88-75-5	2-Nitrophenol	1900		80	56.5	230	ug/Kg
105-67-9	2,4-Dimethylphenol	460		43	56.5	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400		60	56.5	230	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		51	56.5	230	ug/Kg
91-20-3	Naphthalene	1400		32	56.5	230	ug/Kg
106-47-8	4-Chloroaniline	740		48	56.5	440	ug/Kg
87-68-3	Hexachlorobutadiene	1500		47	56.5	230	ug/Kg
105-60-2	Caprolactam	1300		85	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		55	56.5	230	ug/Kg
90-12-0	1-Methylnaphthalene	1400		32	56.5	230	ug/Kg
91-57-6	2-Methylnaphthalene	1400		43	56.5	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1400		130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		32	56.5	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		44	56.5	230	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:	DCYF2MS	SDG No.:	BG082024
Lab Sample ID:	P3504-25MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25
Sample Wt/Vol:	30.08 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
BG062473.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1500		35	56.5	230	ug/Kg
91-58-7	2-Chloronaphthalene	1500		44	56.5	230	ug/Kg
88-74-4	2-Nitroaniline	1900		60	56.5	230	ug/Kg
131-11-3	Dimethylphthalate	1400		40	56.5	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		27	56.5	230	ug/Kg
208-96-8	Acenaphthylene	1500		39	56.5	230	ug/Kg
99-09-2	3-Nitroaniline	1300		88	110	440	ug/Kg
83-32-9	Acenaphthene	1400		35	56.5	230	ug/Kg
51-28-5	2,4-Dinitrophenol	1700		170	110	440	ug/Kg
100-02-7	4-Nitrophenol	1500		59	110	440	ug/Kg
132-64-9	Dibenzofuran	1400		36	56.5	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		47	56.5	230	ug/Kg
84-66-2	Diethylphthalate	1400		44	56.5	230	ug/Kg
86-73-7	Fluorene	1400		36	56.5	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1400		27	56.5	230	ug/Kg
100-01-6	4-Nitroaniline	1300		32	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		51	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500		32	56.5	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		45	56.5	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		35	56.5	230	ug/Kg
118-74-1	Hexachlorobenzene	1500		37	56.5	230	ug/Kg
1912-24-9	Atrazine	1100		37	110	440	ug/Kg
87-86-5	Pentachlorophenol	1600		120	110	440	ug/Kg
85-01-8	Phenanthrene	1400		36	56.5	230	ug/Kg
608-93-5	Pentachlorobenzene	1500		49	56.5	230	ug/Kg
120-12-7	Anthracene	1200		33	56.5	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1600		23	56.5	230	ug/Kg
86-74-8	Carbazole	1400		45	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	1400		36	56.5	230	ug/Kg
206-44-0	Fluoranthene	1500		25	110	230	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:	DCYF2MS	SDG No.:	BG082024
Lab Sample ID:	P3504-25MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25
Sample Wt/Vol:	30.08 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
BG062473.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		24	56.5	230	ug/Kg
85-68-7	Butylbenzylphthalate	1700		29	56.5	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	J	69	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	1400		31	56.5	230	ug/Kg
218-01-9	Chrysene	1400		32	56.5	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		33	56.5	230	ug/Kg
117-84-0	Di-n-octyl phthalate	1700		64	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		49	56.5	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		51	56.5	230	ug/Kg
50-32-8	Benzo(a)pyrene	1400		41	56.5	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		37	56.5	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		35	56.5	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		43	56.5	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600		48	56.5	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.392		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	9.234		20-120		23	SPK: -40
4165-62-2	Phenol-d5	28.093		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.894		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.268		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	24.502		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	33.349		10-135		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.046		10-120		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.298		10-140		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.532		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.103		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.889		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.84		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	26.371		20-140		66	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:	DCYF2MS	SDG No.:	BG082024
Lab Sample ID:	P3504-25MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25
Sample Wt/Vol:	30.08 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
BG062473.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.189		10-130		83	SPK: -40
1719-06-8	Anthracene-d10	23.528		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	27.946		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.146		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64422	7.946				
1146-65-2	Naphthalene-d8	316215	10.736				
15067-26-2	Acenaphthene-d10	229198	14.567				
1517-22-2	Phenanthrene-d10	498053	17.304				
1719-03-5	Chrysene-d12	447668	21.551				
1520-96-3	Perylene-d12	504691	24.629				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	35	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:	DCYF2MSD	SDG No.:	BG082024
Lab Sample ID:	P3504-26MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25
Sample Wt/Vol:	30.09 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
BG062474.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	470		36	8.8	89	ug/Kg
100-52-7	Benzaldehyde	1600		77	110	440	ug/Kg
110-86-1	Pyridine	1200		100	220	440	ug/Kg
108-95-2	Phenol	1500		40	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1400		39	110	440	ug/Kg
95-57-8	2-Chlorophenol	1500		37	56.5	230	ug/Kg
95-48-7	2-Methylphenol	1400		41	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		53	110	440	ug/Kg
98-86-2	Acetophenone	1300		88	110	440	ug/Kg
106-44-5	4-Methylphenol	1300		70	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1400		110	56.5	230	ug/Kg
67-72-1	Hexachloroethane	1500		81	56.5	230	ug/Kg
98-95-3	Nitrobenzene	1600		85	56.5	230	ug/Kg
78-59-1	Isophorone	1400		88	56.5	230	ug/Kg
88-75-5	2-Nitrophenol	2000		80	56.5	230	ug/Kg
105-67-9	2,4-Dimethylphenol	440		43	56.5	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400		60	56.5	230	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		51	56.5	230	ug/Kg
91-20-3	Naphthalene	1400		32	56.5	230	ug/Kg
106-47-8	4-Chloroaniline	710		48	56.5	440	ug/Kg
87-68-3	Hexachlorobutadiene	1500		47	56.5	230	ug/Kg
105-60-2	Caprolactam	1200		85	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		55	56.5	230	ug/Kg
90-12-0	1-Methylnaphthalene	1400		32	56.5	230	ug/Kg
91-57-6	2-Methylnaphthalene	1400		43	56.5	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1400		130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		32	56.5	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700		44	56.5	230	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:	DCYF2MSD	SDG No.:	BG082024
Lab Sample ID:	P3504-26MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25
Sample Wt/Vol:	30.09 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
BG062474.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1500		35	56.5	230	ug/Kg
91-58-7	2-Chloronaphthalene	1500		44	56.5	230	ug/Kg
88-74-4	2-Nitroaniline	1800		60	56.5	230	ug/Kg
131-11-3	Dimethylphthalate	1400		40	56.5	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	1900		27	56.5	230	ug/Kg
208-96-8	Acenaphthylene	1400		39	56.5	230	ug/Kg
99-09-2	3-Nitroaniline	1300		88	110	440	ug/Kg
83-32-9	Acenaphthene	1400		35	56.5	230	ug/Kg
51-28-5	2,4-Dinitrophenol	1800		170	110	440	ug/Kg
100-02-7	4-Nitrophenol	1500		58	110	440	ug/Kg
132-64-9	Dibenzofuran	1400		36	56.5	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	1800		47	56.5	230	ug/Kg
84-66-2	Diethylphthalate	1300		44	56.5	230	ug/Kg
86-73-7	Fluorene	1300		36	56.5	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1300		27	56.5	230	ug/Kg
100-01-6	4-Nitroaniline	1300		32	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		51	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1400		32	56.5	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		45	56.5	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		35	56.5	230	ug/Kg
118-74-1	Hexachlorobenzene	1500		37	56.5	230	ug/Kg
1912-24-9	Atrazine	1100		37	110	440	ug/Kg
87-86-5	Pentachlorophenol	1600		120	110	440	ug/Kg
85-01-8	Phenanthrene	1400		36	56.5	230	ug/Kg
608-93-5	Pentachlorobenzene	1500		49	56.5	230	ug/Kg
120-12-7	Anthracene	1200		33	56.5	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1600		23	56.5	230	ug/Kg
86-74-8	Carbazole	1400		45	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	1500		36	56.5	230	ug/Kg
206-44-0	Fluoranthene	1600		25	110	230	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:	DCYF2MSD	SDG No.:	BG082024
Lab Sample ID:	P3504-26MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25
Sample Wt/Vol:	30.09 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
BG062474.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500		24	56.5	230	ug/Kg
85-68-7	Butylbenzylphthalate	1700		29	56.5	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	J	69	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	1400		31	56.5	230	ug/Kg
218-01-9	Chrysene	1400		32	56.5	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600		33	56.5	230	ug/Kg
117-84-0	Di-n-octyl phthalate	1600		64	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		49	56.5	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	1400		51	56.5	230	ug/Kg
50-32-8	Benzo(a)pyrene	1400		41	56.5	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500		37	56.5	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1500		35	56.5	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		43	56.5	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1500		48	56.5	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.984		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	7.992		20-120		20	SPK: -40
4165-62-2	Phenol-d5	27.112		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.237		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.267		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	23.181		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	32.599		10-135		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.343		10-120		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.423		10-140		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.222		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.799		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	26.74		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.37		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	25.707		20-140		64	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:	DCYF2MSD	SDG No.:	BG082024
Lab Sample ID:	P3504-26MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	25
Sample Wt/Vol:	30.09 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
BG062474.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.867		10-130		82	SPK: -40
1719-06-8	Anthracene-d10	23.582		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	29.17		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.88		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70321	7.941				
1146-65-2	Naphthalene-d8	337009	10.737				
15067-26-2	Acenaphthene-d10	243906	14.562				
1517-22-2	Phenanthrene-d10	518764	17.305				
1719-03-5	Chrysene-d12	459000	21.546				
1520-96-3	Perylene-d12	524728	24.63				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	35	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:	DCYD7	SDG No.:	BG082024
Lab Sample ID:	P3504-12	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
BG062475.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

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	82	U	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	30	U	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	30	U	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:	8/13/2024 12:00:00 AM
Project:		Date Received:	8/13/2024 12:00:00 AM
Client Sample ID:	DCYD7	SDG No.:	BG082024
Lab Sample ID:	P3504-12	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
BG062475.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	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	36	U	36	52.9	210	ug/Kg
99-09-2	3-Nitroaniline	82	U	82	100	410	ug/Kg
83-32-9	Acenaphthene	32	U	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	34	U	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	34	U	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	34	U	34	52.9	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	52.9	210	ug/Kg
120-12-7	Anthracene	31	U	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	42	U	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	52.9	210	ug/Kg
206-44-0	Fluoranthene	24	U	24	100	210	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:	DCYD7	SDG No.:	BG082024
Lab Sample ID:	P3504-12	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
BG062475.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	52.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	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	29	U	29	52.9	210	ug/Kg
218-01-9	Chrysene	30	U	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	46	U	46	52.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	52.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	52.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	52.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	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	3.541		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	14.807		20-120		37	SPK: -40
4165-62-2	Phenol-d5	20.378		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.864		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.17		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	15.344		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	25.321		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.099		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.519		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.91		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.499		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	21.113		15-120		53	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.289		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	20.983		20-140		52	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:	DCYD7	SDG No.:	BG082024
Lab Sample ID:	P3504-12	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
BG062475.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.53		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	18.381		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	21.783		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.4		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80659	7.943				
1146-65-2	Naphthalene-d8	381778	10.734				
15067-26-2	Acenaphthene-d10	276021	14.564				
1517-22-2	Phenanthrene-d10	599213	17.301				
1719-03-5	Chrysene-d12	552663	21.543				
1520-96-3	Perylene-d12	627871	24.627				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	180	J			3.667	
000080-56-8	.alpha.-Pinene	340	J			6.639	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.468	
242794-76-9	Bicyclo[5.2.0]nonane, 2-methylene-	340	J			13.894	
039029-41-9	Naphthalene, 1,2,3,4,4a,5,6,8a-oct	92	J			16.038	
000057-10-3	n-Hexadecanoic acid	410	J			18.2	
000057-11-4	Octadecanoic acid	150	J			19.469	
000511-15-9	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	200	J			20.562	
1000432-97-5	(1S,3E,7E,11E)-Cembra-3,7,11-trien	230	J			20.808	
000122-69-0	Cinnamyl cinnamate	950	J			21.032	
001740-19-8	Dehydroabietic acid	180	J			21.184	
000506-51-4	n-Tetracosanol-1	250	J			21.214	
	(DEL) Alkane: Straight-Chain22.353	270	J			22.353	
	(DEL) Alkane: Straight-Chain23.775	210	J			23.775	
001454-84-8	n-Nonadecanol-1	190	J			23.828	
331736-92-6	Acetic acid, 2-(2-propyl-1-benzimi	2000	J			25.49	
	(DEL) Alkane: Straight-Chain25.755	260	J			25.755	

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:	DCYD7	SDG No.:	BG082024
Lab Sample ID:	P3504-12	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
BG062475.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain	25.872					
000693-38-9	Palmitic acid vinyl ester	170	J			25.872	
	(DEL) Alkane: Straight-Chain	25.615				28.416	
000083-47-6	.gamma.-Sitosterol	450	J			28.615	
E966796	Total Alkanes	1400				29.685	
						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:	DCYE7	SDG No.:	BG082024
Lab Sample ID:	P3504-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.8
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
BG062476.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

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	91.5	370	ug/Kg
110-86-1	Pyridine	85	U	85	180	370	ug/Kg
108-95-2	Phenol	33	U	33	91.5	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	91.5	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.1	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	91.5	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	91.5	370	ug/Kg
98-86-2	Acetophenone	73	U	73	91.5	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	91.5	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	47.1	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.1	190	ug/Kg
98-95-3	Nitrobenzene	71	U	71	47.1	190	ug/Kg
78-59-1	Isophorone	73	U	73	47.1	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	47.1	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47.1	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	47.1	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.1	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.1	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.1	190	ug/Kg
105-60-2	Caprolactam	71	U	71	91.5	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	47.1	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	47.1	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	91.5	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.1	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.1	190	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:	DCYE7	SDG No.:	BG082024
Lab Sample ID:	P3504-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.8
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
BG062476.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.1	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47.1	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	47.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.1	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47.1	190	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	91.5	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.1	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	91.5	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	91.5	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.1	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.1	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.1	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.1	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	91.5	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	91.5	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.1	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.1	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.1	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.1	190	ug/Kg
1912-24-9	Atrazine	31	U	31	91.5	370	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	91.5	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.1	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.1	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.1	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.1	190	ug/Kg
86-74-8	Carbazole	38	U	38	91.5	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.1	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	91.5	190	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:	DCYE7	SDG No.:	BG082024
Lab Sample ID:	P3504-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.8
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
BG062476.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47.1	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	47.1	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	91.5	370	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	47.1	190	ug/Kg
218-01-9	Chrysene	27	U	27	47.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	91.5	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	47.1	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	47.1	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	47.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	47.1	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.1	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.281		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	1.362	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	15.395		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.658		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.956		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	15.114		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	17.776		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.383		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.958		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.245		1-145		11	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.963		10-145		37	SPK: -40
93951-97-4	Acenaphthylene-d8	15.407		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.311		10-150		33	SPK: -40
81103-79-9	Fluorene-d10	15.31		20-140		38	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:	DCYE7	SDG No.:	BG082024
Lab Sample ID:	P3504-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.8
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
BG062476.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.705		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	13.832		10-150		35	SPK: -40
1718-52-1	Pyrene-d10	16.44		10-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.064		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75339	7.941				
1146-65-2	Naphthalene-d8	351119	10.737				
15067-26-2	Acenaphthene-d10	261296	14.561				
1517-22-2	Phenanthrene-d10	573126	17.305				
1719-03-5	Chrysene-d12	526741	21.54				
1520-96-3	Perylene-d12	565927	24.624				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	79	J			3.67	
000057-10-3	n-Hexadecanoic acid	140	J			18.198	
959085-66-6	Heptadecyl heptafluorobutyrate	110	J			21.211	
	unknown-02	75	J			25.441	
1000351-81-2	Hexacosyl pentafluoropropionate	140	J			25.87	
E966796	Total Alkanes	29	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:	DCYF5	SDG No.:	BG082024
Lab Sample ID:	P3504-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
Sample Wt/Vol:	30.1	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
BG062477.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.9	80	ug/Kg
100-52-7	Benzaldehyde	69	U	69	98.5	390	ug/Kg
110-86-1	Pyridine	92	U	92	200	390	ug/Kg
108-95-2	Phenol	36	U	36	98.5	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	98.5	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.7	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	98.5	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	98.5	390	ug/Kg
98-86-2	Acetophenone	79	U	79	98.5	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	98.5	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	50.7	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	50.7	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.7	200	ug/Kg
78-59-1	Isophorone	79	U	79	50.7	200	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	50.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	50.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.7	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50.7	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	50.7	200	ug/Kg
105-60-2	Caprolactam	76	U	76	98.5	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	50.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	98.5	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	50.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.7	200	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:	DCYF5	SDG No.:	BG082024
Lab Sample ID:	P3504-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
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
BG062477.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.7	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	50.7	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.7	200	ug/Kg
208-96-8	Acenaphthylene	35	U	35	50.7	200	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	98.5	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	98.5	390	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	98.5	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	50.7	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.7	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.7	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	98.5	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	98.5	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	50.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	50.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.7	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.7	200	ug/Kg
1912-24-9	Atrazine	33	U	33	98.5	390	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	98.5	390	ug/Kg
85-01-8	Phenanthrene	32	U	32	50.7	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.7	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.7	200	ug/Kg
86-74-8	Carbazole	41	U	41	98.5	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.7	200	ug/Kg
206-44-0	Fluoranthene	23	U	23	98.5	200	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:	DCYF5	SDG No.:	BG082024
Lab Sample ID:	P3504-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
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
BG062477.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	50.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	98.5	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	50.7	200	ug/Kg
218-01-9	Chrysene	29	U	29	50.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	50.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	98.5	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	50.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	50.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	50.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.744		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	5.871	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	19.683		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.383		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.835		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	18.92		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	21.735		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.761		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.301		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	40.801		1-145		102	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.84		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	19.6		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.455		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	19.509		20-140		49	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:	DCYF5	SDG No.:	BG082024
Lab Sample ID:	P3504-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.5
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
BG062477.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.102		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	18.868		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	21.448		10-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.791		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74992	7.943				
1146-65-2	Naphthalene-d8	368322	10.733				
15067-26-2	Acenaphthene-d10	276295	14.563				
1517-22-2	Phenanthrene-d10	609263	17.301				
1719-03-5	Chrysene-d12	570810	21.542				
1520-96-3	Perylene-d12	651261	24.62				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	170	J			3.666	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.468	
000057-10-3	n-Hexadecanoic acid	260	J			18.2	
000057-11-4	Octadecanoic acid	130	J			19.469	
077899-03-7	1-Heneicosyl formate	150	J			21.213	
000504-55-2	Nonacosan-10-ol	160	J			25.872	
E966796	Total Alkanes	31	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:	DCYC9	SDG No.:	BG082024
Lab Sample ID:	P3504-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.4
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
BG062478.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	75	ug/Kg
100-52-7	Benzaldehyde	65	U	65	93.1	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	93.1	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	93.1	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	93.1	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	93.1	370	ug/Kg
98-86-2	Acetophenone	74	U	74	93.1	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	93.1	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	48	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	48	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	48	190	ug/Kg
78-59-1	Isophorone	74	U	74	48	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48	370	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48	190	ug/Kg
105-60-2	Caprolactam	72	U	72	93.1	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	48	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	48	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.1	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	48	190	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:	DCYC9	SDG No.:	BG082024
Lab Sample ID:	P3504-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.4
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
BG062478.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	48	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	48	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	93.1	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	48	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	93.1	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.1	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	48	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	48	190	ug/Kg
86-73-7	Fluorene	30	U	30	48	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	93.1	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	93.1	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	48	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	48	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48	190	ug/Kg
1912-24-9	Atrazine	32	U	32	93.1	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	93.1	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	48	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48	190	ug/Kg
120-12-7	Anthracene	28	U	28	48	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48	190	ug/Kg
86-74-8	Carbazole	38	U	38	93.1	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	48	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	93.1	190	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:	DCYC9	SDG No.:	BG082024
Lab Sample ID:	P3504-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.4
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
BG062478.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	48	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	93.1	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	48	190	ug/Kg
218-01-9	Chrysene	27	U	27	48	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	48	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	93.1	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	48	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	48	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	48	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	48	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	48	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.6		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	11.09		20-120		28	SPK: -40
4165-62-2	Phenol-d5	16.173		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.258		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.083		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	16.008		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	17.595		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.926		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.772		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.287		1-145		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.997		10-145		37	SPK: -40
93951-97-4	Acenaphthylene-d8	15.48		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.599		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	15.35		20-140		38	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:	DCYC9	SDG No.:	BG082024
Lab Sample ID:	P3504-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.4
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
BG062478.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.409		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	13.871		10-150		35	SPK: -40
1718-52-1	Pyrene-d10	15.529		10-130		39	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.588		10-140		39	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	64636	7.94				
1146-65-2	Naphthalene-d8	319228	10.737				
15067-26-2	Acenaphthene-d10	236270	14.561				
1517-22-2	Phenanthrene-d10	516982	17.304				
1719-03-5	Chrysene-d12	527999	21.545				
1520-96-3	Perylene-d12	589736	24.624				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	110	J			3.67	
000770-35-4	1-Phenoxypropan-2-ol	92	J			11.471	
000057-10-3	n-Hexadecanoic acid	130	J			18.197	
000122-69-0	Cinnamyl cinnamate	210	J			21.029	
	(DEL) Alkane: Cyclic21.211	130	J			21.211	
	(DEL) Alkane: Straight-Chain22.350	120	J			22.35	
	(DEL) Alkane: Straight-Chain23.778	150	J			23.778	
	unknown-02	1100	J			25.487	
	(DEL) Alkane: Straight-Chain25.757	180	J			25.757	
	unknown-03	210	J			25.869	
003466-15-7	(3aR,4R,7R)-1,4,9,9-Tetramethyl-3,	740	J			27.091	
	(DEL) Alkane: Straight-Chain28.607	180	J			28.607	
E966796	Total Alkanes	760				99	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:	DCYA3	SDG No.:	BG082024
Lab Sample ID:	P3504-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
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
BG062479.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7.2	72	ug/Kg
100-52-7	Benzaldehyde	63	U	63	89.7	360	ug/Kg
110-86-1	Pyridine	84	U	84	180	360	ug/Kg
108-95-2	Phenol	33	U	33	89.7	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	89.7	360	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	46.2	180	ug/Kg
95-48-7	2-Methylphenol	34	U	34	89.7	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	89.7	360	ug/Kg
98-86-2	Acetophenone	72	U	72	89.7	360	ug/Kg
106-44-5	4-Methylphenol	58	U	58	89.7	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	86	U	86	46.2	180	ug/Kg
67-72-1	Hexachloroethane	66	U	66	46.2	180	ug/Kg
98-95-3	Nitrobenzene	70	U	70	46.2	180	ug/Kg
78-59-1	Isophorone	72	U	72	46.2	180	ug/Kg
88-75-5	2-Nitrophenol	65	U	65	46.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	46.2	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	46.2	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	46.2	180	ug/Kg
91-20-3	Naphthalene	26	U	26	46.2	180	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	46.2	360	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	46.2	180	ug/Kg
105-60-2	Caprolactam	70	U	70	89.7	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	46.2	180	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	46.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	46.2	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	89.7	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	46.2	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	46.2	180	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:	DCYA3	SDG No.:	BG082024
Lab Sample ID:	P3504-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
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
BG062479.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	46.2	180	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	46.2	180	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	46.2	180	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	46.2	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	46.2	180	ug/Kg
208-96-8	Acenaphthylene	32	U	32	46.2	180	ug/Kg
99-09-2	3-Nitroaniline	72	U	72	89.7	360	ug/Kg
83-32-9	Acenaphthene	28	U	28	46.2	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	89.7	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	89.7	360	ug/Kg
132-64-9	Dibenzofuran	29	U	29	46.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	46.2	180	ug/Kg
84-66-2	Diethylphthalate	36	U	36	46.2	180	ug/Kg
86-73-7	Fluorene	29	U	29	46.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.2	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	89.7	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	89.7	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	46.2	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	46.2	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	46.2	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	46.2	180	ug/Kg
1912-24-9	Atrazine	30	U	30	89.7	360	ug/Kg
87-86-5	Pentachlorophenol	96	U	96	89.7	360	ug/Kg
85-01-8	Phenanthrene	29	U	29	46.2	180	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	46.2	180	ug/Kg
120-12-7	Anthracene	27	U	27	46.2	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	46.2	180	ug/Kg
86-74-8	Carbazole	37	U	37	89.7	360	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	46.2	180	ug/Kg
206-44-0	Fluoranthene	21	U	21	89.7	180	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:	DCYA3	SDG No.:	BG082024
Lab Sample ID:	P3504-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
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
BG062479.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	46.2	180	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	46.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	89.7	360	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	46.2	180	ug/Kg
218-01-9	Chrysene	26	U	26	46.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	46.2	180	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	89.7	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	46.2	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	46.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	46.2	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	30	46.2	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	46.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	46.2	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	46.2	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.496		15-120		19	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	10.015		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.234		10-150		23	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.157		15-120		25	SPK: -40
190780-66-6	4-Methylphenol-d8	7.521		10-140		19	SPK: -40
4165-60-0	Nitrobenzene-d5	10.531		10-135		26	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.47		10-120		29	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	9.547		10-140		24	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.037		1-145		8	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.536		10-145		24	SPK: -40
93951-97-4	Acenaphthylene-d8	9.413		15-120		24	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.07		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	9.577		20-140		24	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:	DCYA3	SDG No.:	BG082024
Lab Sample ID:	P3504-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.3
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
BG062479.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.362		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	9.407		10-150		24	SPK: -40
1718-52-1	Pyrene-d10	10.185		10-130		25	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	7.889		10-140		20	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76791	7.943				
1146-65-2	Naphthalene-d8	382868	10.733				
15067-26-2	Acenaphthene-d10	290206	14.563				
1517-22-2	Phenanthrene-d10	679851	17.301				
1719-03-5	Chrysene-d12	666048	21.542				
1520-96-3	Perylene-d12	763813	24.626				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	28	U			99	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:	DCYI7	SDG No.:	BG082024
Lab Sample ID:	P3504-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.2
Sample Wt/Vol:	30.1	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
BG062480.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7	71	ug/Kg
100-52-7	Benzaldehyde	62	U	62	87.7	350	ug/Kg
110-86-1	Pyridine	82	U	82	180	350	ug/Kg
108-95-2	Phenol	32	U	32	87.7	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	87.7	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.2	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	87.7	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	87.7	350	ug/Kg
98-86-2	Acetophenone	70	U	70	87.7	350	ug/Kg
106-44-5	4-Methylphenol	56	U	56	87.7	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	84	U	84	45.2	180	ug/Kg
67-72-1	Hexachloroethane	65	U	65	45.2	180	ug/Kg
98-95-3	Nitrobenzene	68	U	68	45.2	180	ug/Kg
78-59-1	Isophorone	70	U	70	45.2	180	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	45.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	45.2	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	45.2	180	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	45.2	180	ug/Kg
91-20-3	Naphthalene	26	U	26	45.2	180	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	45.2	350	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	45.2	180	ug/Kg
105-60-2	Caprolactam	68	U	68	87.7	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	45.2	180	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	45.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	45.2	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	87.7	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	45.2	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35	U	35	45.2	180	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:	DCYI7	SDG No.:	BG082024
Lab Sample ID:	P3504-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.2
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
BG062480.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45.2	180	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	45.2	180	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	45.2	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.2	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	45.2	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.2	180	ug/Kg
99-09-2	3-Nitroaniline	70	U	70	87.7	350	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.2	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	87.7	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	87.7	350	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	45.2	180	ug/Kg
84-66-2	Diethylphthalate	35	U	35	45.2	180	ug/Kg
86-73-7	Fluorene	29	U	29	45.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.2	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	87.7	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	87.7	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	45.2	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	45.2	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.2	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.2	180	ug/Kg
1912-24-9	Atrazine	30	U	30	87.7	350	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	87.7	350	ug/Kg
85-01-8	Phenanthrene	29	U	29	45.2	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	45.2	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.2	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.2	180	ug/Kg
86-74-8	Carbazole	36	U	36	87.7	350	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.2	180	ug/Kg
206-44-0	Fluoranthene	20	U	20	87.7	180	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:	DCYI7	SDG No.:	BG082024
Lab Sample ID:	P3504-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.2
Sample Wt/Vol:	30.1	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
BG062480.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	19	U	19	45.2	180	ug/Kg
85-68-7	Butylbenzylphthalate	23	U	23	45.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	87.7	350	ug/Kg
56-55-3	Benzo(a)anthracene	24	U	24	45.2	180	ug/Kg
218-01-9	Chrysene	26	U	26	45.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	45.2	180	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	87.7	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	39	U	39	45.2	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	40	U	40	45.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	33	U	33	45.2	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	30	45.2	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	45.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	45.2	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	45.2	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.709		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	12.384		20-120		31	SPK: -40
4165-62-2	Phenol-d5	17.728		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.024		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.63		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	16.636		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	23.06		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.366		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.756		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.648		1-145		19	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.703		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	17.339		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.122		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	17.378		20-140		43	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:	DCYI7	SDG No.:	BG082024
Lab Sample ID:	P3504-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062480.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.923		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	17.768		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	18.683		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.719		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86290	7.941				
1146-65-2	Naphthalene-d8	364263	10.737				
15067-26-2	Acenaphthene-d10	276705	14.561				
1517-22-2	Phenanthrene-d10	591317	17.299				
1719-03-5	Chrysene-d12	564054	21.54				
1520-96-3	Perylene-d12	629005	24.624				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	78	J			3.67	
000057-10-3	n-Hexadecanoic acid	92	J			18.198	
	(DEL) Alkane: Cyclic21.211	110	J			21.211	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	SBLK773	SDG No.:	BG082024
Lab Sample ID:	PB162773BL	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
BG062482.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

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:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	SBLK773	SDG No.:	BG082024
Lab Sample ID:	PB162773BL	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
BG062482.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

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:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	SBLK773	SDG No.:	BG082024
Lab Sample ID:	PB162773BL	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
BG062482.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

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	4.362		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	21.881		20-120		55	SPK: -40
4165-62-2	Phenol-d5	27.956		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.143		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.279		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	27.265		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	33.98		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.251		10-120		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.261		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.216		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.629		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	27.008		15-120		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.335		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	26.917		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	8/15/2024 12:00:00 AM
Project:		Date Received:	8/15/2024 12:00:00 AM
Client Sample ID:	SBLK773	SDG No.:	BG082024
Lab Sample ID:	PB162773BL	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
BG062482.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.677		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	27.662		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	29.284		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.988		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60422	7.944				
1146-65-2	Naphthalene-d8	273541	10.734				
15067-26-2	Acenaphthene-d10	203221	14.558				
1517-22-2	Phenanthrene-d10	438412	17.302				
1719-03-5	Chrysene-d12	426607	21.543				
1520-96-3	Perylene-d12	476984	24.621				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	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:	DCYA4	SDG No.:	BG082024
Lab Sample ID:	P3504-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.2
Sample Wt/Vol:	30.1	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
BG062483.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.8	79	ug/Kg
100-52-7	Benzaldehyde	69	U	69	98.1	390	ug/Kg
110-86-1	Pyridine	92	U	92	200	390	ug/Kg
108-95-2	Phenol	36	U	36	98.1	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	98.1	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.5	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	98.1	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	98.1	390	ug/Kg
98-86-2	Acetophenone	78	U	78	98.1	390	ug/Kg
106-44-5	4-Methylphenol	63	U	63	98.1	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	94	U	94	50.5	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	50.5	200	ug/Kg
98-95-3	Nitrobenzene	76	U	76	50.5	200	ug/Kg
78-59-1	Isophorone	78	U	78	50.5	200	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	50.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	50.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.5	200	ug/Kg
91-20-3	Naphthalene	29	U	29	50.5	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	50.5	390	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	50.5	200	ug/Kg
105-60-2	Caprolactam	76	U	76	98.1	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	50.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	50.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	98.1	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	50.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.5	200	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:	DCYA4	SDG No.:	BG082024
Lab Sample ID:	P3504-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.2
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
BG062483.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.5	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	50.5	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	50.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.5	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	50.5	200	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	98.1	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	98.1	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	98.1	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	50.5	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.5	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.5	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	98.1	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	98.1	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	50.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	50.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.5	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.5	200	ug/Kg
1912-24-9	Atrazine	33	U	33	98.1	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98.1	390	ug/Kg
85-01-8	Phenanthrene	32	U	32	50.5	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.5	200	ug/Kg
120-12-7	Anthracene	30	U	30	50.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.5	200	ug/Kg
86-74-8	Carbazole	40	U	40	98.1	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.5	200	ug/Kg
206-44-0	Fluoranthene	23	U	23	98.1	200	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:	DCYA4	SDG No.:	BG082024
Lab Sample ID:	P3504-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.2
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
BG062483.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	50.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	98.1	390	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	50.5	200	ug/Kg
218-01-9	Chrysene	29	U	29	50.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	50.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	98.1	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	50.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	50.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	50.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	33	U	33	50.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	50.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	50.5	200	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	8.65		20-120		22	SPK: -40
17647-74-4	1,4-Dioxane-d8	1.886		15-120		24	SPK: -8
4165-62-2	Phenol-d5	11.844		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.296		10-150		28	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.516		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	11.655		10-140		29	SPK: -40
4165-60-0	Nitrobenzene-d5	15.593		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.61		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.132		10-140		33	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.678		1-145		22	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.015		10-145		30	SPK: -40
93951-97-4	Acenaphthylene-d8	12.212		15-120		31	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.733		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	12.425		20-140		31	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:	DCYA4	SDG No.:	BG082024
Lab Sample ID:	P3504-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.2
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
BG062483.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.964		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	12.34		10-150		31	SPK: -40
1718-52-1	Pyrene-d10	13.597		10-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.959		10-140		32	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87656	7.94				
1146-65-2	Naphthalene-d8	373652	10.737				
15067-26-2	Acenaphthene-d10	290295	14.561				
1517-22-2	Phenanthrene-d10	643057	17.298				
1719-03-5	Chrysene-d12	619530	21.54				
1520-96-3	Perylene-d12	713525	24.624				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	31	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:	DCYF3	SDG No.:	BG082024
Lab Sample ID:	P3504-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.4
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
BG062484.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8.2	83	ug/Kg
100-52-7	Benzaldehyde	72	U	72	100	410	ug/Kg
110-86-1	Pyridine	96	U	96	200	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	52.7	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	50	U	50	100	410	ug/Kg
98-86-2	Acetophenone	82	U	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	52.7	210	ug/Kg
67-72-1	Hexachloroethane	76	U	76	52.7	210	ug/Kg
98-95-3	Nitrobenzene	79	U	79	52.7	210	ug/Kg
78-59-1	Isophorone	82	U	82	52.7	210	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	52.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	52.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	52.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.7	210	ug/Kg
91-20-3	Naphthalene	30	U	30	52.7	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	52.7	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52.7	210	ug/Kg
105-60-2	Caprolactam	79	U	79	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	52.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	52.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	52.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	52.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	52.7	210	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:	DCYF3	SDG No.:	BG082024
Lab Sample ID:	P3504-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.4
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
BG062484.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	52.7	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	52.7	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.7	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.7	210	ug/Kg
99-09-2	3-Nitroaniline	82	U	82	100	410	ug/Kg
83-32-9	Acenaphthene	32	U	32	52.7	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	33	U	33	52.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52.7	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	52.7	210	ug/Kg
86-73-7	Fluorene	33	U	33	52.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.7	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	52.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.7	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	52.7	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	33	U	33	52.7	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	52.7	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.7	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52.7	210	ug/Kg
206-44-0	Fluoranthene	24	U	24	100	210	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:	DCYF3	SDG No.:	BG082024
Lab Sample ID:	P3504-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.4
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
BG062484.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	52.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	52.7	210	ug/Kg
218-01-9	Chrysene	30	U	30	52.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	52.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	60	U	60	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	46	U	46	52.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	52.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	52.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	52.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	52.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	52.7	210	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	8.491		20-120		21	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.219		15-120		40	SPK: -8
4165-62-2	Phenol-d5	17.84		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.224		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.13		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	18.319		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	20.312		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.495		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.823		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.849		1-145		15	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.853		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	18.343		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.125		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	18.36		20-140		46	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:	DCYF3	SDG No.:	BG082024
Lab Sample ID:	P3504-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.4
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
BG062484.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.322		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	18.208		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	20.069		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.381		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72125	7.94				
1146-65-2	Naphthalene-d8	347235	10.736				
15067-26-2	Acenaphthene-d10	263147	14.561				
1517-22-2	Phenanthrene-d10	574675	17.298				
1719-03-5	Chrysene-d12	540850	21.539				
1520-96-3	Perylene-d12	626225	24.618				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	97	J			11.465	
000057-10-3	n-Hexadecanoic acid	100	J			18.197	
959092-08-1	Pentafluoropropionic acid, pentade	99	J			21.211	
E966796	Total Alkanes	32	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:	DCYF7	SDG No.:	BG082024
Lab Sample ID:	P3504-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.3
Sample Wt/Vol:	30.1	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
BG062485.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	37	U	37	9	91	ug/Kg
100-52-7	Benzaldehyde	80	U	80	110	450	ug/Kg
110-86-1	Pyridine	110	U	110	230	450	ug/Kg
108-95-2	Phenol	41	U	41	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	110	450	ug/Kg
95-57-8	2-Chlorophenol	38	U	38	58.3	230	ug/Kg
95-48-7	2-Methylphenol	42	U	42	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	55	U	55	110	450	ug/Kg
98-86-2	Acetophenone	90	U	90	110	450	ug/Kg
106-44-5	4-Methylphenol	73	U	73	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	58.3	230	ug/Kg
67-72-1	Hexachloroethane	84	U	84	58.3	230	ug/Kg
98-95-3	Nitrobenzene	88	U	88	58.3	230	ug/Kg
78-59-1	Isophorone	90	U	90	58.3	230	ug/Kg
88-75-5	2-Nitrophenol	82	U	82	58.3	230	ug/Kg
105-67-9	2,4-Dimethylphenol	44	U	44	58.3	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	62	U	62	58.3	230	ug/Kg
120-83-2	2,4-Dichlorophenol	52	U	52	58.3	230	ug/Kg
91-20-3	Naphthalene	33	U	33	58.3	230	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	58.3	450	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	58.3	230	ug/Kg
105-60-2	Caprolactam	88	U	88	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	58.3	230	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	58.3	230	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	58.3	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	33	U	33	58.3	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	58.3	230	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:	DCYF7	SDG No.:	BG082024
Lab Sample ID:	P3504-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.3
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
BG062485.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	36	U	36	58.3	230	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	58.3	230	ug/Kg
88-74-4	2-Nitroaniline	62	U	62	58.3	230	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	58.3	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	58.3	230	ug/Kg
208-96-8	Acenaphthylene	40	U	40	58.3	230	ug/Kg
99-09-2	3-Nitroaniline	90	U	90	110	450	ug/Kg
83-32-9	Acenaphthene	36	U	36	58.3	230	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	110	450	ug/Kg
100-02-7	4-Nitrophenol	60	U	60	110	450	ug/Kg
132-64-9	Dibenzofuran	37	U	37	58.3	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	58.3	230	ug/Kg
84-66-2	Diethylphthalate	45	U	45	58.3	230	ug/Kg
86-73-7	Fluorene	37	U	37	58.3	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	58.3	230	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	52	U	52	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	58.3	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	47	58.3	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	58.3	230	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	58.3	230	ug/Kg
1912-24-9	Atrazine	38	U	38	110	450	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	450	ug/Kg
85-01-8	Phenanthrene	37	U	37	58.3	230	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	58.3	230	ug/Kg
120-12-7	Anthracene	34	U	34	58.3	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	23	U	23	58.3	230	ug/Kg
86-74-8	Carbazole	47	U	47	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	37	U	37	58.3	230	ug/Kg
206-44-0	Fluoranthene	26	U	26	110	230	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:	DCYF7	SDG No.:	BG082024
Lab Sample ID:	P3504-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.3
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
BG062485.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	25	U	25	58.3	230	ug/Kg
85-68-7	Butylbenzylphthalate	30	U	30	58.3	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	71	U	71	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	32	U	32	58.3	230	ug/Kg
218-01-9	Chrysene	33	U	33	58.3	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	34	U	34	58.3	230	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	58.3	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	58.3	230	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	58.3	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	58.3	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	58.3	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	58.3	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	49	58.3	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.499		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	17.445		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.243		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.69		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	17.727		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	19.23		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.438		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.203		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.926		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.638		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	17.365		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.092		10-150		38	SPK: -40
81103-79-9	Fluorene-d10	17.338		20-140		43	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:	DCYF7	SDG No.:	BG082024
Lab Sample ID:	P3504-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.3
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
BG062485.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.883		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	15.669		10-150		39	SPK: -40
1718-52-1	Pyrene-d10	18.755		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.825		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80924	7.94				
1146-65-2	Naphthalene-d8	384671	10.731				
15067-26-2	Acenaphthene-d10	283845	14.561				
1517-22-2	Phenanthrene-d10	608791	17.298				
1719-03-5	Chrysene-d12	561627	21.54				
1520-96-3	Perylene-d12	641797	24.618				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	140	J			3.664	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.465	
000057-10-3	n-Hexadecanoic acid	190	J			18.197	
	(DEL) Alkane: Cyclic21.211	160	J			21.211	
	unknown-02	290	J			25.869	
E966796	Total Alkanes	160				99	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:	DCYB4	SDG No.:	BG082024
Lab Sample ID:	P3504-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.2
Sample Wt/Vol:	30.1	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
BG062486.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	75	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92.6	370	ug/Kg
110-86-1	Pyridine	86	U	86	190	370	ug/Kg
108-95-2	Phenol	34	U	34	92.6	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	92.6	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.7	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92.6	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92.6	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92.6	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	92.6	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	47.7	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.7	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	47.7	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.7	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	47.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	47.7	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.7	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.7	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.7	190	ug/Kg
105-60-2	Caprolactam	72	U	72	92.6	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.6	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.7	190	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:	DCYB4	SDG No.:	BG082024
Lab Sample ID:	P3504-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.2
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
BG062486.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.7	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	47.7	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	47.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.7	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	47.7	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92.6	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	92.6	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.6	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.7	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.7	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.7	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92.6	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	92.6	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.7	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.7	190	ug/Kg
1912-24-9	Atrazine	31	U	31	92.6	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	92.6	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.7	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	47.7	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.7	190	ug/Kg
86-74-8	Carbazole	38	U	38	92.6	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.7	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	92.6	190	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:	DCYB4	SDG No.:	BG082024
Lab Sample ID:	P3504-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.2
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
BG062486.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	92.6	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	47.7	190	ug/Kg
218-01-9	Chrysene	27	U	27	47.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92.6	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	47.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	47.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	47.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.579		15-120		20	SPK: -8
7291-22-7	Pyridine-d5	8.35		20-120		21	SPK: -40
4165-62-2	Phenol-d5	12.24		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.964		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.987		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	11.305		10-140		28	SPK: -40
4165-60-0	Nitrobenzene-d5	12.629		10-135		32	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.099		10-120		35	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.829		10-140		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.975		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.676		10-145		27	SPK: -40
93951-97-4	Acenaphthylene-d8	10.862		15-120		27	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.275		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	10.885		20-140		27	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:	DCYB4	SDG No.:	BG082024
Lab Sample ID:	P3504-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.2
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
BG062486.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.671		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	11.157		10-150		28	SPK: -40
1718-52-1	Pyrene-d10	14.289		10-130		36	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.831		10-140		30	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78717	7.944				
1146-65-2	Naphthalene-d8	430036	10.734				
15067-26-2	Acenaphthene-d10	300897	14.558				
1517-22-2	Phenanthrene-d10	718623	17.302				
1719-03-5	Chrysene-d12	571890	21.537				
1520-96-3	Perylene-d12	658309	24.621				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	29	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:	DCYE8	SDG No.:	BG082024
Lab Sample ID:	P3504-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.2
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
BG062487.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	37	U	37	8.9	90	ug/Kg
100-52-7	Benzaldehyde	79	U	79	110	450	ug/Kg
110-86-1	Pyridine	100	U	100	220	450	ug/Kg
108-95-2	Phenol	41	U	41	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	110	450	ug/Kg
95-57-8	2-Chlorophenol	38	U	38	57.6	230	ug/Kg
95-48-7	2-Methylphenol	42	U	42	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54	U	54	110	450	ug/Kg
98-86-2	Acetophenone	89	U	89	110	450	ug/Kg
106-44-5	4-Methylphenol	72	U	72	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	57.6	230	ug/Kg
67-72-1	Hexachloroethane	83	U	83	57.6	230	ug/Kg
98-95-3	Nitrobenzene	87	U	87	57.6	230	ug/Kg
78-59-1	Isophorone	89	U	89	57.6	230	ug/Kg
88-75-5	2-Nitrophenol	81	U	81	57.6	230	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	57.6	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	61	U	61	57.6	230	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	57.6	230	ug/Kg
91-20-3	Naphthalene	33	U	33	57.6	230	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	57.6	450	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	57.6	230	ug/Kg
105-60-2	Caprolactam	87	U	87	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	57.6	230	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	57.6	230	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	57.6	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	33	U	33	57.6	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	57.6	230	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:	DCYE8	SDG No.:	BG082024
Lab Sample ID:	P3504-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.2
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
BG062487.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35	U	35	57.6	230	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	57.6	230	ug/Kg
88-74-4	2-Nitroaniline	61	U	61	57.6	230	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	57.6	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	57.6	230	ug/Kg
208-96-8	Acenaphthylene	39	U	39	57.6	230	ug/Kg
99-09-2	3-Nitroaniline	89	U	89	110	450	ug/Kg
83-32-9	Acenaphthene	35	U	35	57.6	230	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	110	450	ug/Kg
100-02-7	4-Nitrophenol	60	U	60	110	450	ug/Kg
132-64-9	Dibenzofuran	37	U	37	57.6	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	57.6	230	ug/Kg
84-66-2	Diethylphthalate	45	U	45	57.6	230	ug/Kg
86-73-7	Fluorene	37	U	37	57.6	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	57.6	230	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	51	U	51	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	57.6	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	46	57.6	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	57.6	230	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	57.6	230	ug/Kg
1912-24-9	Atrazine	38	U	38	110	450	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	450	ug/Kg
85-01-8	Phenanthrene	37	U	37	57.6	230	ug/Kg
608-93-5	Pentachlorobenzene	50	U	50	57.6	230	ug/Kg
120-12-7	Anthracene	34	U	34	57.6	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	23	U	23	57.6	230	ug/Kg
86-74-8	Carbazole	46	U	46	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	37	U	37	57.6	230	ug/Kg
206-44-0	Fluoranthene	26	U	26	110	230	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:	DCYE8	SDG No.:	BG082024
Lab Sample ID:	P3504-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.2
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
BG062487.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	24	U	24	57.6	230	ug/Kg
85-68-7	Butylbenzylphthalate	30	U	30	57.6	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70	U	70	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	57.6	230	ug/Kg
218-01-9	Chrysene	33	U	33	57.6	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	34	U	34	57.6	230	ug/Kg
117-84-0	Di-n-octyl phthalate	65	U	65	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	57.6	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	57.6	230	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	57.6	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	57.6	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	57.6	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	57.6	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	49	U	49	57.6	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.737		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	5.621	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	26.658		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.555		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.968		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	26.333		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	27.521		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.775		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.491		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.171		1-145		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.621		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.431		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.745		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	23.698		20-140		59	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:	DCYE8	SDG No.:	BG082024
Lab Sample ID:	P3504-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.2
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
BG062487.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.153		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	23.696		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	25.52		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.041		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63065	7.943				
1146-65-2	Naphthalene-d8	310820	10.733				
15067-26-2	Acenaphthene-d10	237915	14.557				
1517-22-2	Phenanthrene-d10	522379	17.301				
1719-03-5	Chrysene-d12	503615	21.542				
1520-96-3	Perylene-d12	585345	24.614				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	140	J			3.666	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.467	
000057-10-3	n-Hexadecanoic acid	150	J			18.194	
959218-78-1	Pentafluoropropionic acid, heptade	160	J			21.207	
E966796	Total Alkanes	35	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:	DCYE6	SDG No.:	BG082024
Lab Sample ID:	P3504-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32
Sample Wt/Vol:	30.1	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
BG062488.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	40	U	40	9.7	98	ug/Kg
100-52-7	Benzaldehyde	85	U	85	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	43	U	43	120	480	ug/Kg
95-57-8	2-Chlorophenol	41	U	41	62.3	250	ug/Kg
95-48-7	2-Methylphenol	45	U	45	120	480	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	59	U	59	120	480	ug/Kg
98-86-2	Acetophenone	97	U	97	120	480	ug/Kg
106-44-5	4-Methylphenol	78	U	78	120	480	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	62.3	250	ug/Kg
67-72-1	Hexachloroethane	89	U	89	62.3	250	ug/Kg
98-95-3	Nitrobenzene	94	U	94	62.3	250	ug/Kg
78-59-1	Isophorone	97	U	97	62.3	250	ug/Kg
88-75-5	2-Nitrophenol	88	U	88	62.3	250	ug/Kg
105-67-9	2,4-Dimethylphenol	47	U	47	62.3	250	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	66	U	66	62.3	250	ug/Kg
120-83-2	2,4-Dichlorophenol	56	U	56	62.3	250	ug/Kg
91-20-3	Naphthalene	35	U	35	62.3	250	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	62.3	480	ug/Kg
87-68-3	Hexachlorobutadiene	51	U	51	62.3	250	ug/Kg
105-60-2	Caprolactam	94	U	94	120	480	ug/Kg
59-50-7	4-Chloro-3-methylphenol	60	U	60	62.3	250	ug/Kg
90-12-0	1-Methylnaphthalene	35	U	35	62.3	250	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	62.3	250	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	120	480	ug/Kg
88-06-2	2,4,6-Trichlorophenol	35	U	35	62.3	250	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	62.3	250	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:	DCYE6	SDG No.:	BG082024
Lab Sample ID:	P3504-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32
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
BG062488.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	38	U	38	62.3	250	ug/Kg
91-58-7	2-Chloronaphthalene	48	U	48	62.3	250	ug/Kg
88-74-4	2-Nitroaniline	66	U	66	62.3	250	ug/Kg
131-11-3	Dimethylphthalate	44	U	44	62.3	250	ug/Kg
606-20-2	2,6-Dinitrotoluene	29	U	29	62.3	250	ug/Kg
208-96-8	Acenaphthylene	43	U	43	62.3	250	ug/Kg
99-09-2	3-Nitroaniline	97	U	97	120	480	ug/Kg
83-32-9	Acenaphthene	38	U	38	62.3	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	40	U	40	62.3	250	ug/Kg
121-14-2	2,4-Dinitrotoluene	51	U	51	62.3	250	ug/Kg
84-66-2	Diethylphthalate	48	U	48	62.3	250	ug/Kg
86-73-7	Fluorene	40	U	40	62.3	250	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	29	U	29	62.3	250	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	120	480	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	56	U	56	120	480	ug/Kg
86-30-6	N-Nitrosodiphenylamine	35	U	35	62.3	250	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	50	U	50	62.3	250	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	62.3	250	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	62.3	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	40	U	40	62.3	250	ug/Kg
608-93-5	Pentachlorobenzene	54	U	54	62.3	250	ug/Kg
120-12-7	Anthracene	37	U	37	62.3	250	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	25	U	25	62.3	250	ug/Kg
86-74-8	Carbazole	50	U	50	120	480	ug/Kg
84-74-2	Di-n-butylphthalate	40	U	40	62.3	250	ug/Kg
206-44-0	Fluoranthene	28	U	28	120	250	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:	DCYE6	SDG No.:	BG082024
Lab Sample ID:	P3504-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32
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
BG062488.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	26	U	26	62.3	250	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	62.3	250	ug/Kg
91-94-1	3,3-Dichlorobenzidine	76	U	76	120	480	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	62.3	250	ug/Kg
218-01-9	Chrysene	35	U	35	62.3	250	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	37	U	37	62.3	250	ug/Kg
117-84-0	Di-n-octyl phthalate	70	U	70	120	480	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	U	54	62.3	250	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	62.3	250	ug/Kg
50-32-8	Benzo(a)pyrene	45	U	45	62.3	250	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41	U	41	62.3	250	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38	U	38	62.3	250	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47	U	47	62.3	250	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	53	U	53	62.3	250	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.427		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	4.374	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	15.887		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.573		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.635		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	15.251		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	19.393		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.733		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.669		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.606		1-145		9	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.773		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	16.557		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.767		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	16.124		20-140		40	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:	DCYE6	SDG No.:	BG082024
Lab Sample ID:	P3504-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	32
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
BG062488.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.789		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	15.37		10-150		38	SPK: -40
1718-52-1	Pyrene-d10	17.241		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.826		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	98013	7.943				
1146-65-2	Naphthalene-d8	452243	10.733				
15067-26-2	Acenaphthene-d10	278061	14.557				
1517-22-2	Phenanthrene-d10	592808	17.301				
1719-03-5	Chrysene-d12	555209	21.536				
1520-96-3	Perylene-d12	636173	24.62				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	100	J			11.468	
000057-10-3	n-Hexadecanoic acid	160	J			18.194	
1000126-60-5	Coumarin, 3,4-dihydro-4,5,7-trimet	190	J			18.382	
	(DEL) Alkane: Cyclic21.207	170	J			21.207	
015594-90-8	1-Heneicosanol	160	J			22.353	
	(DEL) Alkane: Straight-Chain25.748	130	J			25.748	
000400-57-7	Heptafluorobutyric acid, n-octadec	150	J			25.86	
003386-33-2	Octadecane, 1-chloro-	170	J			28.591	
E966796	Total Alkanes	300				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:	DCYC8	SDG No.:	BG082024
Lab Sample ID:	P3504-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062489.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

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	64	U	64	90.6	360	ug/Kg
110-86-1	Pyridine	85	U	85	180	360	ug/Kg
108-95-2	Phenol	33	U	33	90.6	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	90.6	360	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	46.7	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	90.6	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	44	U	44	90.6	360	ug/Kg
98-86-2	Acetophenone	72	U	72	90.6	360	ug/Kg
106-44-5	4-Methylphenol	58	U	58	90.6	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	87	U	87	46.7	190	ug/Kg
67-72-1	Hexachloroethane	67	U	67	46.7	190	ug/Kg
98-95-3	Nitrobenzene	70	U	70	46.7	190	ug/Kg
78-59-1	Isophorone	72	U	72	46.7	190	ug/Kg
88-75-5	2-Nitrophenol	66	U	66	46.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	46.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	46.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	46.7	190	ug/Kg
91-20-3	Naphthalene	26	U	26	46.7	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	46.7	360	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	46.7	190	ug/Kg
105-60-2	Caprolactam	70	U	70	90.6	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	45	U	45	46.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	46.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	46.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	90.6	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	46.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	46.7	190	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:	DCYC8	SDG No.:	BG082024
Lab Sample ID:	P3504-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
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
BG062489.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	46.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	46.7	190	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	46.7	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	46.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	46.7	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	46.7	190	ug/Kg
99-09-2	3-Nitroaniline	72	U	72	90.6	360	ug/Kg
83-32-9	Acenaphthene	29	U	29	46.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	90.6	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.6	360	ug/Kg
132-64-9	Dibenzofuran	30	U	30	46.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	46.7	190	ug/Kg
84-66-2	Diethylphthalate	36	U	36	46.7	190	ug/Kg
86-73-7	Fluorene	30	U	30	46.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.7	190	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	90.6	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	90.6	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	46.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	46.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	46.7	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	46.7	190	ug/Kg
1912-24-9	Atrazine	31	U	31	90.6	360	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	90.6	360	ug/Kg
85-01-8	Phenanthrene	30	U	30	46.7	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	46.7	190	ug/Kg
120-12-7	Anthracene	27	U	27	46.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	46.7	190	ug/Kg
86-74-8	Carbazole	37	U	37	90.6	360	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	46.7	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	90.6	190	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:	DCYC8	SDG No.:	BG082024
Lab Sample ID:	P3504-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
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
BG062489.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	46.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	46.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	57	U	57	90.6	360	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	46.7	190	ug/Kg
218-01-9	Chrysene	26	U	26	46.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	46.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	53	U	53	90.6	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	46.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	46.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	34	U	34	46.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	46.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	46.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	46.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	46.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.098		15-120		26	SPK: -8
7291-22-7	Pyridine-d5	2.867	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	14.207		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.696		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.632		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	13.363		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	16.362		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.122		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.416		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	6.93		1-145		17	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.807		10-145		30	SPK: -40
93951-97-4	Acenaphthylene-d8	13.281		15-120		33	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.482		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	13.95		20-140		35	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:	DCYC8	SDG No.:	BG082024
Lab Sample ID:	P3504-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.2
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
BG062489.D	1	8/15/2024 12:00:00 AM	8/20/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.616		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	12.337		10-150		31	SPK: -40
1718-52-1	Pyrene-d10	15.034		10-130		38	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.406		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90485	7.94				
1146-65-2	Naphthalene-d8	430339	10.731				
15067-26-2	Acenaphthene-d10	314192	14.561				
1517-22-2	Phenanthrene-d10	601909	17.298				
1719-03-5	Chrysene-d12	562370	21.54				
1520-96-3	Perylene-d12	643445	24.618				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	91	J			18.191	
959085-66-6	Heptadecyl heptafluorobutyrate	130	J			21.211	
959261-23-5	Heptafluorobutyric acid, pentadecy	170	J			22.35	
	(DEL) Alkane: Straight-Chain25.746	80	J			25.746	
	unknown-01	110	J			25.863	
E966796	Total Alkanes	80				99	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:	DCYA9	SDG No.:	BG082024
Lab Sample ID:	P3504-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.8
Sample Wt/Vol:	30	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
BG062490.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	47	U	47	11.5	120	ug/Kg
100-52-7	Benzaldehyde	100	U	100	140	580	ug/Kg
110-86-1	Pyridine	130	U	130	290	580	ug/Kg
108-95-2	Phenol	52	U	52	140	580	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	140	580	ug/Kg
95-57-8	2-Chlorophenol	49	U	49	74.3	300	ug/Kg
95-48-7	2-Methylphenol	54	U	54	140	580	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70	U	70	140	580	ug/Kg
98-86-2	Acetophenone	120	U	120	140	580	ug/Kg
106-44-5	4-Methylphenol	93	U	93	140	580	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	140	U	140	74.3	300	ug/Kg
67-72-1	Hexachloroethane	110	U	110	74.3	300	ug/Kg
98-95-3	Nitrobenzene	110	U	110	74.3	300	ug/Kg
78-59-1	Isophorone	120	U	120	74.3	300	ug/Kg
88-75-5	2-Nitrophenol	100	U	100	74.3	300	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	56	74.3	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	79	U	79	74.3	300	ug/Kg
120-83-2	2,4-Dichlorophenol	66	U	66	74.3	300	ug/Kg
91-20-3	Naphthalene	42	U	42	74.3	300	ug/Kg
106-47-8	4-Chloroaniline	63	U	63	74.3	580	ug/Kg
87-68-3	Hexachlorobutadiene	61	U	61	74.3	300	ug/Kg
105-60-2	Caprolactam	110	U	110	140	580	ug/Kg
59-50-7	4-Chloro-3-methylphenol	72	U	72	74.3	300	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	74.3	300	ug/Kg
91-57-6	2-Methylnaphthalene	56	U	56	74.3	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	140	580	ug/Kg
88-06-2	2,4,6-Trichlorophenol	42	U	42	74.3	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	58	U	58	74.3	300	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:	DCYA9	SDG No.:	BG082024
Lab Sample ID:	P3504-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.8
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
BG062490.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	45	U	45	74.3	300	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	74.3	300	ug/Kg
88-74-4	2-Nitroaniline	79	U	79	74.3	300	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	74.3	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	35	U	35	74.3	300	ug/Kg
208-96-8	Acenaphthylene	51	U	51	74.3	300	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	140	580	ug/Kg
83-32-9	Acenaphthene	45	U	45	74.3	300	ug/Kg
51-28-5	2,4-Dinitrophenol	230	U	230	140	580	ug/Kg
100-02-7	4-Nitrophenol	77	U	77	140	580	ug/Kg
132-64-9	Dibenzofuran	47	U	47	74.3	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	61	U	61	74.3	300	ug/Kg
84-66-2	Diethylphthalate	58	U	58	74.3	300	ug/Kg
86-73-7	Fluorene	47	U	47	74.3	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	35	U	35	74.3	300	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	140	580	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	66	U	66	140	580	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	74.3	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	74.3	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	74.3	300	ug/Kg
118-74-1	Hexachlorobenzene	49	U	49	74.3	300	ug/Kg
1912-24-9	Atrazine	49	U	49	140	580	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	140	580	ug/Kg
85-01-8	Phenanthrene	47	U	47	74.3	300	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	74.3	300	ug/Kg
120-12-7	Anthracene	44	U	44	74.3	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	30	U	30	74.3	300	ug/Kg
86-74-8	Carbazole	59	U	59	140	580	ug/Kg
84-74-2	Di-n-butylphthalate	47	U	47	74.3	300	ug/Kg
206-44-0	Fluoranthene	33	U	33	140	300	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:	DCYA9	SDG No.:	BG082024
Lab Sample ID:	P3504-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.8
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
BG062490.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	31	U	31	74.3	300	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	74.3	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	91	U	91	140	580	ug/Kg
56-55-3	Benzo(a)anthracene	40	U	40	74.3	300	ug/Kg
218-01-9	Chrysene	42	U	42	74.3	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	74.3	300	ug/Kg
117-84-0	Di-n-octyl phthalate	84	U	84	140	580	ug/Kg
205-99-2	Benzo(b)fluoranthene	65	U	65	74.3	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	66	U	66	74.3	300	ug/Kg
50-32-8	Benzo(a)pyrene	54	U	54	74.3	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49	U	49	74.3	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	74.3	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	74.3	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	63	U	63	74.3	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.245		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	9.294		20-120		23	SPK: -40
4165-62-2	Phenol-d5	16.87		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.062		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.648		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	15.299		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	20.498		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.818		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.837		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.084		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.155		10-145		40	SPK: -40
93951-97-4	Acenaphthylene-d8	17.073		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.955		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	16.693		20-140		42	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:	DCYA9	SDG No.:	BG082024
Lab Sample ID:	P3504-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.8
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
BG062490.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.55		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	15.94		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	18.202		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.576		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	110864	7.94				
1146-65-2	Naphthalene-d8	506832	10.736				
15067-26-2	Acenaphthene-d10	379532	14.56				
1517-22-2	Phenanthrene-d10	807303	17.298				
1719-03-5	Chrysene-d12	768091	21.539				
1520-96-3	Perylene-d12	870115	24.623				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	190	J			3.669	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.464	
000057-10-3	n-Hexadecanoic acid	260	J			18.196	
1000351-75-2	Eicosyl trifluoroacetate	400	J			21.21	
1000406-04-8	Pentadecafluorooctanoic acid, octa	750	J			22.35	
	(DEL) Alkane: Straight-Chain23.771	840	J			23.771	
	(DEL) Alkane: Cyclic23.824	220	J			23.824	
007390-81-0	Oxirane, hexadecyl-	200	J			25.163	
	(DEL) Alkane: Straight-Chain25.751	610	J			25.751	
000557-61-9	Octacosanol	260	J			25.862	
000629-80-1	Hexadecanal	180	J			27.778	
	(DEL) Alkane: Straight-Chain28.594	150	J			28.594	
000400-57-7	Heptafluorobutyric acid, n-octadec	130	J			28.8	
290299-12-6	5-Cholestene-3-ol, 24-methyl-	290	J			29.681	
1000186-57-9	3-Methoxy-6,7,8,9-tetrahydro-diben	220	J			30.215	
E966796	Total Alkanes	1800				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:	DCYF4	SDG No.:	BG082024
Lab Sample ID:	P3504-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.4
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
BG062491.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.6	87	ug/Kg
100-52-7	Benzaldehyde	76	U	76	110	430	ug/Kg
110-86-1	Pyridine	100	U	100	220	430	ug/Kg
108-95-2	Phenol	39	U	39	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	110	430	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	55.5	220	ug/Kg
95-48-7	2-Methylphenol	40	U	40	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	52	U	52	110	430	ug/Kg
98-86-2	Acetophenone	86	U	86	110	430	ug/Kg
106-44-5	4-Methylphenol	69	U	69	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	55.5	220	ug/Kg
67-72-1	Hexachloroethane	80	U	80	55.5	220	ug/Kg
98-95-3	Nitrobenzene	84	U	84	55.5	220	ug/Kg
78-59-1	Isophorone	86	U	86	55.5	220	ug/Kg
88-75-5	2-Nitrophenol	78	U	78	55.5	220	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	55.5	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	59	U	59	55.5	220	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	55.5	220	ug/Kg
91-20-3	Naphthalene	31	U	31	55.5	220	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	55.5	430	ug/Kg
87-68-3	Hexachlorobutadiene	46	U	46	55.5	220	ug/Kg
105-60-2	Caprolactam	84	U	84	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	55.5	220	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	55.5	220	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	55.5	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	55.5	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	55.5	220	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:	DCYF4	SDG No.:	BG082024
Lab Sample ID:	P3504-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.4
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
BG062491.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	55.5	220	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	55.5	220	ug/Kg
88-74-4	2-Nitroaniline	59	U	59	55.5	220	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	55.5	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	55.5	220	ug/Kg
208-96-8	Acenaphthylene	38	U	38	55.5	220	ug/Kg
99-09-2	3-Nitroaniline	86	U	86	110	430	ug/Kg
83-32-9	Acenaphthene	34	U	34	55.5	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	430	ug/Kg
100-02-7	4-Nitrophenol	57	U	57	110	430	ug/Kg
132-64-9	Dibenzofuran	35	U	35	55.5	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	46	U	46	55.5	220	ug/Kg
84-66-2	Diethylphthalate	43	U	43	55.5	220	ug/Kg
86-73-7	Fluorene	35	U	35	55.5	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.5	220	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	50	U	50	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	31	55.5	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	55.5	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	34	U	34	55.5	220	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	55.5	220	ug/Kg
1912-24-9	Atrazine	37	U	37	110	430	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	430	ug/Kg
85-01-8	Phenanthrene	35	U	35	55.5	220	ug/Kg
608-93-5	Pentachlorobenzene	48	U	48	55.5	220	ug/Kg
120-12-7	Anthracene	33	U	33	55.5	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	55.5	220	ug/Kg
86-74-8	Carbazole	44	U	44	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	55.5	220	ug/Kg
206-44-0	Fluoranthene	25	U	25	110	220	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:	DCYF4	SDG No.:	BG082024
Lab Sample ID:	P3504-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.4
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
BG062491.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	23	U	23	55.5	220	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	55.5	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	30	U	30	55.5	220	ug/Kg
218-01-9	Chrysene	31	U	31	55.5	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	33	U	33	55.5	220	ug/Kg
117-84-0	Di-n-octyl phthalate	63	U	63	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	55.5	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	55.5	220	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	55.5	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	55.5	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	34	U	34	55.5	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	55.5	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	55.5	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.162		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	7.53	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	24.665		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.993		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.729		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	24.584		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	28.225		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.201		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.419		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.213		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.603		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	24.363		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.507		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	24.896		20-140		62	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:	DCYF4	SDG No.:	BG082024
Lab Sample ID:	P3504-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.4
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
BG062491.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.148		10-130		65	SPK: -40
1719-06-8	Anthracene-d10	22.359		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	32.22		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.176		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76770	7.941				
1146-65-2	Naphthalene-d8	364696	10.732				
15067-26-2	Acenaphthene-d10	242687	14.562				
1517-22-2	Phenanthrene-d10	525150	17.299				
1719-03-5	Chrysene-d12	502209	21.541				
1520-96-3	Perylene-d12	660588	24.619				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	170	J			3.665	
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.466	
000057-10-3	n-Hexadecanoic acid	350	J			18.198	
000057-11-4	Octadecanoic acid	180	J			19.467	
	unknown-01	260	J			20.789	
006222-03-3	Trifluoroacetoxy hexadecane	330	J			21.206	
035216-11-6	7-Tetradecyne	1100	J			21.288	
	(DEL) Alkane: Cyclic22.351	260	J			22.351	
	(DEL) Alkane: Straight-Chain23.773	510	J			23.773	
	(DEL) Alkane: Straight-Chain25.747	220	J			25.747	
	unknown-02	480	J			25.864	
000083-47-6	.gamma.-Sitosterol	200	J			29.671	
E966796	Total Alkanes	990				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:	DCYA2	SDG No.:	BG082024
Lab Sample ID:	P3504-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.8
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
BG062492.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	U	36	8.8	89	ug/Kg
100-52-7	Benzaldehyde	77	U	77	110	440	ug/Kg
110-86-1	Pyridine	100	U	100	220	440	ug/Kg
108-95-2	Phenol	40	U	40	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	110	440	ug/Kg
95-57-8	2-Chlorophenol	37	U	37	56.5	230	ug/Kg
95-48-7	2-Methylphenol	41	U	41	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	53	U	53	110	440	ug/Kg
98-86-2	Acetophenone	88	U	88	110	440	ug/Kg
106-44-5	4-Methylphenol	70	U	70	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	56.5	230	ug/Kg
67-72-1	Hexachloroethane	81	U	81	56.5	230	ug/Kg
98-95-3	Nitrobenzene	85	U	85	56.5	230	ug/Kg
78-59-1	Isophorone	88	U	88	56.5	230	ug/Kg
88-75-5	2-Nitrophenol	80	U	80	56.5	230	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	56.5	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	60	U	60	56.5	230	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	56.5	230	ug/Kg
91-20-3	Naphthalene	32	U	32	56.5	230	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	56.5	440	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	56.5	230	ug/Kg
105-60-2	Caprolactam	85	U	85	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	56.5	230	ug/Kg
90-12-0	1-Methylnaphthalene	32	U	32	56.5	230	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	56.5	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	32	U	32	56.5	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	56.5	230	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:	DCYA2	SDG No.:	BG082024
Lab Sample ID:	P3504-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.8
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
BG062492.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35	U	35	56.5	230	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	56.5	230	ug/Kg
88-74-4	2-Nitroaniline	60	U	60	56.5	230	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	56.5	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	56.5	230	ug/Kg
208-96-8	Acenaphthylene	39	U	39	56.5	230	ug/Kg
99-09-2	3-Nitroaniline	88	U	88	110	440	ug/Kg
83-32-9	Acenaphthene	35	U	35	56.5	230	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	440	ug/Kg
100-02-7	4-Nitrophenol	59	U	59	110	440	ug/Kg
132-64-9	Dibenzofuran	36	U	36	56.5	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	56.5	230	ug/Kg
84-66-2	Diethylphthalate	44	U	44	56.5	230	ug/Kg
86-73-7	Fluorene	36	U	36	56.5	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	56.5	230	ug/Kg
100-01-6	4-Nitroaniline	32	U	32	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	51	U	51	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	32	U	32	56.5	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	56.5	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	56.5	230	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	56.5	230	ug/Kg
1912-24-9	Atrazine	37	U	37	110	440	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	440	ug/Kg
85-01-8	Phenanthrene	36	U	36	56.5	230	ug/Kg
608-93-5	Pentachlorobenzene	49	U	49	56.5	230	ug/Kg
120-12-7	Anthracene	33	U	33	56.5	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	23	U	23	56.5	230	ug/Kg
86-74-8	Carbazole	45	U	45	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	36	U	36	56.5	230	ug/Kg
206-44-0	Fluoranthene	25	U	25	110	230	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:	DCYA2	SDG No.:	BG082024
Lab Sample ID:	P3504-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.8
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
BG062492.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	24	U	24	56.5	230	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	56.5	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	69	U	69	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	56.5	230	ug/Kg
218-01-9	Chrysene	32	U	32	56.5	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	33	U	33	56.5	230	ug/Kg
117-84-0	Di-n-octyl phthalate	64	U	64	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	56.5	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	56.5	230	ug/Kg
50-32-8	Benzo(a)pyrene	41	U	41	56.5	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	56.5	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	56.5	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	56.5	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	56.5	230	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	5.383	*	20-120		13	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.901		15-120		36	SPK: -8
4165-62-2	Phenol-d5	19.622		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.914		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.935		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	19.883		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	26.263		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.055		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.956		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.233		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.423		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.454		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.458		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	19.563		20-140		49	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:	DCYA2	SDG No.:	BG082024
Lab Sample ID:	P3504-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.8
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
BG062492.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.126		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	16.292		10-150		41	SPK: -40
1718-52-1	Pyrene-d10	21.227		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.388		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	90038	7.937				
1146-65-2	Naphthalene-d8	368198	10.733				
15067-26-2	Acenaphthene-d10	261184	14.557				
1517-22-2	Phenanthrene-d10	570536	17.301				
1719-03-5	Chrysene-d12	538416	21.542				
1520-96-3	Perylene-d12	605509	24.62				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	200	J			3.666	
003779-61-1	trans-.beta.-Ocimene	160	J			6.639	
000770-35-4	1-Phenoxypropan-2-ol	200	J			11.467	
000057-10-3	n-Hexadecanoic acid	350	J			18.194	
000057-11-4	Octadecanoic acid	170	J			19.468	
001740-19-8	Dehydroabietic acid	210	J			21.178	
074339-53-0	Trichloroacetic acid, pentadecyl e	190	J			21.207	
	(DEL) Alkane: Cyclic22.353	96	J			22.353	
	unknown-01	530	J			25.866	
	unknown-02	110	J			28.597	
E966796	Total Alkanes	96				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:	DCYB6	SDG No.:	BG082024
Lab Sample ID:	P3504-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BG062493.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.5	75	ug/Kg
100-52-7	Benzaldehyde	66	U	66	93.2	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	93.2	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	93.2	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	93.2	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	93.2	370	ug/Kg
98-86-2	Acetophenone	75	U	75	93.2	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	93.2	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	48	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	48	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	48	190	ug/Kg
78-59-1	Isophorone	75	U	75	48	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48	370	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48	190	ug/Kg
105-60-2	Caprolactam	72	U	72	93.2	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	48	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	48	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.2	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	48	190	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:	DCYB6	SDG No.:	BG082024
Lab Sample ID:	P3504-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BG062493.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	48	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	48	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	93.2	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	48	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	93.2	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.2	370	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	48	190	ug/Kg
86-73-7	Fluorene	31	U	31	48	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	93.2	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	93.2	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	48	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	48	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48	190	ug/Kg
1912-24-9	Atrazine	32	U	32	93.2	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	93.2	370	ug/Kg
85-01-8	Phenanthrene	31	U	31	48	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48	190	ug/Kg
120-12-7	Anthracene	28	U	28	48	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48	190	ug/Kg
86-74-8	Carbazole	38	U	38	93.2	370	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	93.2	190	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:	DCYB6	SDG No.:	BG082024
Lab Sample ID:	P3504-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BG062493.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	48	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	93.2	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	48	190	ug/Kg
218-01-9	Chrysene	27	U	27	48	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	48	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	93.2	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	48	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	48	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	48	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	48	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	48	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.049		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	17.56		20-120		44	SPK: -40
4165-62-2	Phenol-d5	20.125		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.741		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.642		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	19.684		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	24.723		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.788		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.902		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.434		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.531		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	20.52		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.533		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	20.178		20-140		50	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:	DCYB6	SDG No.:	BG082024
Lab Sample ID:	P3504-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.8
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
BG062493.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.268		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	18.35		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	25.278		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.436		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93129	7.942				
1146-65-2	Naphthalene-d8	435299	10.732				
15067-26-2	Acenaphthene-d10	268631	14.562				
1517-22-2	Phenanthrene-d10	658503	17.3				
1719-03-5	Chrysene-d12	554971	21.541				
1520-96-3	Perylene-d12	635897	24.619				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	150	J			3.671	
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.467	
	(DEL) Alkane: Straight-Chain	170	J			18.193	
018835-33-1	1-Hexacosene	150	J			21.206	
E966796	Total Alkanes	170				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:	DCYF1	SDG No.:	BG082024
Lab Sample ID:	P3504-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BG062494.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8	81	ug/Kg
100-52-7	Benzaldehyde	70	U	70	99.9	400	ug/Kg
110-86-1	Pyridine	93	U	93	200	400	ug/Kg
108-95-2	Phenol	36	U	36	99.9	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	99.9	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.5	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	99.9	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	99.9	400	ug/Kg
98-86-2	Acetophenone	80	U	80	99.9	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	99.9	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	96	U	96	51.5	210	ug/Kg
67-72-1	Hexachloroethane	74	U	74	51.5	210	ug/Kg
98-95-3	Nitrobenzene	77	U	77	51.5	210	ug/Kg
78-59-1	Isophorone	80	U	80	51.5	210	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	51.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	39	U	39	51.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	51.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51.5	210	ug/Kg
91-20-3	Naphthalene	29	U	29	51.5	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	51.5	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	51.5	210	ug/Kg
105-60-2	Caprolactam	77	U	77	99.9	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	51.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	39	U	39	51.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	99.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51.5	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:	DCYF1	SDG No.:	BG082024
Lab Sample ID:	P3504-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BG062494.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	51.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51.5	210	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	51.5	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51.5	210	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51.5	210	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	99.9	400	ug/Kg
83-32-9	Acenaphthene	31	U	31	51.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	99.9	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	99.9	400	ug/Kg
132-64-9	Dibenzofuran	33	U	33	51.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	51.5	210	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51.5	210	ug/Kg
86-73-7	Fluorene	33	U	33	51.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51.5	210	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	99.9	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	99.9	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	51.5	210	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51.5	210	ug/Kg
1912-24-9	Atrazine	34	U	34	99.9	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	99.9	400	ug/Kg
85-01-8	Phenanthrene	33	U	33	51.5	210	ug/Kg
608-93-5	Pentachlorobenzene	45	U	45	51.5	210	ug/Kg
120-12-7	Anthracene	30	U	30	51.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	51.5	210	ug/Kg
86-74-8	Carbazole	41	U	41	99.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	51.5	210	ug/Kg
206-44-0	Fluoranthene	23	U	23	99.9	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:	DCYF1	SDG No.:	BG082024
Lab Sample ID:	P3504-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BG062494.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	51.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	51.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	99.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	51.5	210	ug/Kg
218-01-9	Chrysene	29	U	29	51.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	51.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	99.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	45	U	45	51.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	51.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	51.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	51.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	51.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	51.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.833		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	6.521	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	19.749		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.655		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.971		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	19.562		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	24.195		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.538		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.834		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.264		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.657		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	19.717		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.074		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	19.273		20-140		48	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:	DCYF1	SDG No.:	BG082024
Lab Sample ID:	P3504-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.4
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
BG062494.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.58		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	18.535		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	20.452		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.005		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91311	7.941				
1146-65-2	Naphthalene-d8	419445	10.731				
15067-26-2	Acenaphthene-d10	303539	14.561				
1517-22-2	Phenanthrene-d10	638027	17.299				
1719-03-5	Chrysene-d12	594880	21.54				
1520-96-3	Perylene-d12	706423	24.618				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	180	J			3.664	
007785-70-8	(1R)-2,6,6-Trimethylbicyclo[3.1.1]	250	J			6.637	
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.466	
000057-10-3	n-Hexadecanoic acid	250	J			18.198	
000057-11-4	Octadecanoic acid	110	J			19.467	
001740-19-8	Dehydroabietic acid	280	J			21.182	
	(DEL) Alkane: Straight-Chain21.205	210	J			21.205	
	unknown-01	210	J			25.858	
	unknown-02	95	J			28.595	
E966796	Total Alkanes	210				99	ug/Kg

Report of Analysis

Client:		Date Collected:	8/11/2024 12:00:00 AM
Project:		Date Received:	8/11/2024 12:00:00 AM
Client Sample ID:	DCYI6	SDG No.:	BG082024
Lab Sample ID:	P3504-27	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.1
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
BG062495.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	38	U	38	9.2	93	ug/Kg
100-52-7	Benzaldehyde	81	U	81	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	59.1	240	ug/Kg
95-48-7	2-Methylphenol	43	U	43	110	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56	U	56	110	460	ug/Kg
98-86-2	Acetophenone	92	U	92	110	460	ug/Kg
106-44-5	4-Methylphenol	74	U	74	110	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	59.1	240	ug/Kg
67-72-1	Hexachloroethane	85	U	85	59.1	240	ug/Kg
98-95-3	Nitrobenzene	89	U	89	59.1	240	ug/Kg
78-59-1	Isophorone	92	U	92	59.1	240	ug/Kg
88-75-5	2-Nitrophenol	83	U	83	59.1	240	ug/Kg
105-67-9	2,4-Dimethylphenol	45	U	45	59.1	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	63	U	63	59.1	240	ug/Kg
120-83-2	2,4-Dichlorophenol	53	U	53	59.1	240	ug/Kg
91-20-3	Naphthalene	33	U	33	59.1	240	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	59.1	460	ug/Kg
87-68-3	Hexachlorobutadiene	49	U	49	59.1	240	ug/Kg
105-60-2	Caprolactam	89	U	89	110	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	57	U	57	59.1	240	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	59.1	240	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	59.1	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	33	U	33	59.1	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	59.1	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/11/2024 12:00:00 AM
Project:		Date Received:	8/11/2024 12:00:00 AM
Client Sample ID:	DCYI6	SDG No.:	BG082024
Lab Sample ID:	P3504-27	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.1
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
BG062495.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	36	U	36	59.1	240	ug/Kg
91-58-7	2-Chloronaphthalene	46	U	46	59.1	240	ug/Kg
88-74-4	2-Nitroaniline	63	U	63	59.1	240	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	59.1	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	59.1	240	ug/Kg
208-96-8	Acenaphthylene	40	U	40	59.1	240	ug/Kg
99-09-2	3-Nitroaniline	92	U	92	110	460	ug/Kg
83-32-9	Acenaphthene	36	U	36	59.1	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	38	U	38	59.1	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	59.1	240	ug/Kg
84-66-2	Diethylphthalate	46	U	46	59.1	240	ug/Kg
86-73-7	Fluorene	38	U	38	59.1	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	59.1	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	59.1	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	47	59.1	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	59.1	240	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	59.1	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	38	U	38	59.1	240	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	59.1	240	ug/Kg
120-12-7	Anthracene	35	U	35	59.1	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	24	U	24	59.1	240	ug/Kg
86-74-8	Carbazole	47	U	47	110	460	ug/Kg
84-74-2	Di-n-butylphthalate	38	U	38	59.1	240	ug/Kg
206-44-0	Fluoranthene	26	U	26	110	240	ug/Kg

Report of Analysis

Client:		Date Collected:	8/11/2024 12:00:00 AM
Project:		Date Received:	8/11/2024 12:00:00 AM
Client Sample ID:	DCYI6	SDG No.:	BG082024
Lab Sample ID:	P3504-27	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.1
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
BG062495.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	25	U	25	59.1	240	ug/Kg
85-68-7	Butylbenzylphthalate	31	U	31	59.1	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	59.1	240	ug/Kg
218-01-9	Chrysene	33	U	33	59.1	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	35	U	35	59.1	240	ug/Kg
117-84-0	Di-n-octyl phthalate	67	U	67	110	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	59.1	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	59.1	240	ug/Kg
50-32-8	Benzo(a)pyrene	43	U	43	59.1	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	39	U	39	59.1	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	59.1	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	59.1	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	50	59.1	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.713		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	14.282		20-120		36	SPK: -40
4165-62-2	Phenol-d5	19.302		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.072		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.868		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	18.262		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	22.28		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.559		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.16		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.935		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.336		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	19.615		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.034		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	19.628		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	8/11/2024 12:00:00 AM
Project:		Date Received:	8/11/2024 12:00:00 AM
Client Sample ID:	DCYI6	SDG No.:	BG082024
Lab Sample ID:	P3504-27	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	28.1
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
BG062495.D	1	8/15/2024 12:00:00 AM	8/21/2024 12:00:00 AM	PB162773

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.741		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	19.701		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	21.181		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.791		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83909	7.941				
1146-65-2	Naphthalene-d8	384292	10.731				
15067-26-2	Acenaphthene-d10	277460	14.561				
1517-22-2	Phenanthrene-d10	579568	17.299				
1719-03-5	Chrysene-d12	543730	21.54				
1520-96-3	Perylene-d12	634998	24.618				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	160	J			3.664	
000770-35-4	1-Phenoxypropan-2-ol	180	J			11.465	
000638-53-9	Tridecanoic acid	190	J			18.192	
	(DEL) Alkane: Cyclic21.205	180	J			21.205	
	unknown-02	270	J			25.435	
E966796	Total Alkanes	180				99	ug/Kg

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP			SDG No.:	BG082024		
Lab Sample ID:	SP			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062497.D	1		8/21/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1200	U	1200	500	2000	ug/L
100-52-7	Benzaldehyde	2300	U	2300	5000	10000	ug/L
110-86-1	Pyridine	2200	U	2200	10000	10000	ug/L
108-95-2	Phenol	1500	U	1500	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1300	U	1300	5000	10000	ug/L
95-57-8	2-Chlorophenol	1200	U	1200	2500	5000	ug/L
95-48-7	2-Methylphenol	820	U	820	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1200	U	1200	5000	10000	ug/L
98-86-2	Acetophenone	890	U	890	5000	10000	ug/L
106-44-5	4-Methylphenol	1200	U	1200	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1500	U	1500	2500	5000	ug/L
67-72-1	Hexachloroethane	1500	U	1500	2500	5000	ug/L
98-95-3	Nitrobenzene	990	U	990	2500	5000	ug/L
78-59-1	Isophorone	1100	U	1100	2500	5000	ug/L
88-75-5	2-Nitrophenol	1200	U	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	1100	U	1100	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1200	U	1200	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	930	U	930	2500	5000	ug/L
91-20-3	Naphthalene	700	U	700	2500	5000	ug/L
106-47-8	4-Chloroaniline	1800	U	1800	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	980	U	980	2500	5000	ug/L
105-60-2	Caprolactam	2900	U	2900	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	2000	U	2000	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	1000	U	1000	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	1600	U	1600	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	3100	U	3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	810	U	810	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	800	U	800	2500	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP			SDG No.:	BG082024		
Lab Sample ID:	SP			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062497.D	1		8/21/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	990	U	990	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	1100	U	1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	1700	U	1700	2500	5000	ug/L
131-11-3	Dimethylphthalate	1300	U	1300	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	1300	U	1300	2500	5000	ug/L
208-96-8	Acenaphthylene	1100	U	1100	2500	5000	ug/L
99-09-2	3-Nitroaniline	1500	U	1500	5000	10000	ug/L
83-32-9	Acenaphthene	1100	U	1100	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	2800	U	2800	5000	10000	ug/L
100-02-7	4-Nitrophenol	1400	U	1400	5000	10000	ug/L
132-64-9	Dibenzofuran	870	U	870	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	1100	U	1100	2500	5000	ug/L
84-66-2	Diethylphthalate	870	U	870	2500	5000	ug/L
86-73-7	Fluorene	870	U	870	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	960	U	960	2500	5000	ug/L
100-01-6	4-Nitroaniline	1200	U	1200	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	710	U	710	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	900	U	900	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	1400	U	1400	2500	5000	ug/L
118-74-1	Hexachlorobenzene	560	U	560	2500	5000	ug/L
1912-24-9	Atrazine	960	U	960	5000	10000	ug/L
87-86-5	Pentachlorophenol	2500	U	2500	5000	10000	ug/L
85-01-8	Phenanthrene	970	U	970	2500	5000	ug/L
608-93-5	Pentachlorobenzene	1200	U	1200	2500	5000	ug/L
120-12-7	Anthracene	720	U	720	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	920	U	920	2500	5000	ug/L
86-74-8	Carbazole	1000	U	1000	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	810	U	810	2500	5000	ug/L
206-44-0	Fluoranthene	650	U	650	5000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP			SDG No.:	BG082024		
Lab Sample ID:	SP			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062497.D	1		8/21/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	530	U	530	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	970	U	970	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1700	U	1700	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	560	U	560	2500	5000	ug/L
218-01-9	Chrysene	750	U	750	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	870	U	870	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	1500	U	1500	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	1100	U	1100	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	1100	U	1100	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	1100	U	1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	1200	U	1200	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	1100	U	1100	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1000	U	1000	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	13146	*	15-120		164325	SPK: -8
7291-22-7	Pyridine-d5	69988	*	20-120		174970	SPK: -40
4165-62-2	Phenol-d5	78081	*	10-130		195203	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	72679	*	25-120		181697	SPK: -40
93951-73-6	2-Chlorophenol-d4	82666	*	20-130		206665	SPK: -40
190780-66-6	4-Methylphenol-d8	77977	*	25-125		194943	SPK: -40
4165-60-0	Nitrobenzene-d5	91951	*	20-125		229877	SPK: -40
93951-78-1	2-Nitrophenol-d4	105416	*	20-130		263540	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	80613	*	20-120		201532	SPK: -40
191656-33-4	4-Chloroaniline-d4	70094	*	1-146		175235	SPK: -40
85448-30-2	Dimethylphthalate-d6	67470	*	25-130		168675	SPK: -40
93951-97-4	Acenaphthylene-d8	72291	*	10-130		180728	SPK: -40
93951-79-2	4-Nitrophenol-d4	71787	*	10-150		179468	SPK: -40
81103-79-9	Fluorene-d10	70176	*	25-125		175440	SPK: -40

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP			SDG No.:	BG082024		
Lab Sample ID:	SP			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062497.D	1		8/21/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	88793	*	10-130		221982	SPK: -40
1719-06-8	Anthracene-d10	70833	*	25-130		177082	SPK: -40
1718-52-1	Pyrene-d10	71823	*	15-130		179557	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	73678	*	20-130		184195	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54650	7.939				
1146-65-2	Naphthalene-d8	271003	10.73				
15067-26-2	Acenaphthene-d10	199483	14.56				
1517-22-2	Phenanthrene-d10	419692	17.297				
1719-03-5	Chrysene-d12	403606	21.539				
1520-96-3	Perylene-d12	467100	24.617				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	990	U			99	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP			SDG No.:	BG082024		
Lab Sample ID:	SP			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :	PH :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062498.D	1		8/21/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	26000		1200	500	2000	ug/L
100-52-7	Benzaldehyde	100000		2300	5000	10000	ug/L
110-86-1	Pyridine	65000		2200	10000	10000	ug/L
108-95-2	Phenol	78000		1500	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	71000		1300	5000	10000	ug/L
95-57-8	2-Chlorophenol	95000	E	1200	2500	5000	ug/L
95-48-7	2-Methylphenol	80000		820	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	76000		1200	5000	10000	ug/L
98-86-2	Acetophenone	71000		890	5000	10000	ug/L
106-44-5	4-Methylphenol	77000		1200	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	71000		1500	2500	5000	ug/L
67-72-1	Hexachloroethane	81000	E	1500	2500	5000	ug/L
98-95-3	Nitrobenzene	84000	E	990	2500	5000	ug/L
78-59-1	Isophorone	68000		1100	2500	5000	ug/L
88-75-5	2-Nitrophenol	100000	E	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	78000		1100	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	73000		1200	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	84000	E	930	2500	5000	ug/L
91-20-3	Naphthalene	73000		700	2500	5000	ug/L
106-47-8	4-Chloroaniline	57000		1800	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	75000		980	2500	5000	ug/L
105-60-2	Caprolactam	70000		2900	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	76000		2000	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	71000		1000	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	72000		1600	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	65000		3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	87000	E	810	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	89000	E	800	2500	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP			SDG No.:	BG082024		
Lab Sample ID:	SP			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		uL
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062498.D	1		8/21/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	75000		990	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	77000		1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	97000	E	1700	2500	5000	ug/L
131-11-3	Dimethylphthalate	69000		1300	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	100000	E	1300	2500	5000	ug/L
208-96-8	Acenaphthylene	72000		1100	2500	5000	ug/L
99-09-2	3-Nitroaniline	84000		1500	5000	10000	ug/L
83-32-9	Acenaphthene	73000		1100	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	100000		2800	5000	10000	ug/L
100-02-7	4-Nitrophenol	76000		1400	5000	10000	ug/L
132-64-9	Dibenzofuran	71000		870	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	95000	E	1100	2500	5000	ug/L
84-66-2	Diethylphthalate	68000		870	2500	5000	ug/L
86-73-7	Fluorene	67000		870	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	68000		960	2500	5000	ug/L
100-01-6	4-Nitroaniline	87000		1200	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	95000		1200	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	77000		710	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	78000		900	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	78000		1400	2500	5000	ug/L
118-74-1	Hexachlorobenzene	76000		560	2500	5000	ug/L
1912-24-9	Atrazine	72000		960	5000	10000	ug/L
87-86-5	Pentachlorophenol	87000		2500	5000	10000	ug/L
85-01-8	Phenanthrene	69000		970	2500	5000	ug/L
608-93-5	Pentachlorobenzene	77000		1200	2500	5000	ug/L
120-12-7	Anthracene	70000		720	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	85000	E	920	2500	5000	ug/L
86-74-8	Carbazole	70000		1000	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	70000		810	2500	5000	ug/L
206-44-0	Fluoranthene	73000		650	5000	5000	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	SP	SDG No.:	BG082024
Lab Sample ID:	SP	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062498.D	1		8/21/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	71000		530	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	81000	E	970	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	75000		1700	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	73000		560	2500	5000	ug/L
218-01-9	Chrysene	71000		750	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	78000		870	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	77000		1500	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	72000		1100	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	72000		1100	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	72000		1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	75000		1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	75000		1200	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	76000		1100	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	82000	E	1000	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.022	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	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	25-125		0	SPK: -40

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP			SDG No.:	BG082024		
Lab Sample ID:	SP			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	uL	
Soil Aliquot Vol:			uL	Test:			
Extraction Type :		Decanted :		Level :	LOW		
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062498.D	1		8/21/2024 12:00:00 AM	

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	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52029	7.941				
1146-65-2	Naphthalene-d8	253097	10.737				
15067-26-2	Acenaphthene-d10	180531	14.561				
1517-22-2	Phenanthrene-d10	380272	17.305				
1719-03-5	Chrysene-d12	369589	21.546				
1520-96-3	Perylene-d12	435281	24.618				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	990	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BG082024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : DCYA3								
P3504-06	DCYA3	Solid	Total Alkanes	*	0.000	28	180	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : DCYA4								
P3504-07	DCYA4	Solid	Total Alkanes	*	0.000	31	200	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : DCYA9								
P3504-08	DCYA9	Solid	(DEL) Alkane: Cyclic23.824	*	220.000	J		
P3504-08	DCYA9	Solid	(DEL) Alkane: Straight-Chain23.7	*	840.000	J		
P3504-08	DCYA9	Solid	(DEL) Alkane: Straight-Chain25.7	*	610.000	J		
P3504-08	DCYA9	Solid	(DEL) Alkane: Straight-Chain28.4	*	150.000	J		
P3504-08	DCYA9	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P3504-08	DCYA9	Solid	3-Methoxy-6,7,8,9-tetrahydro-dib	*	220.000	J		
P3504-08	DCYA9	Solid	5-Cholestene-3-ol, 24-methyl-	*	290.000	J		
P3504-08	DCYA9	Solid	Eicosyl trifluoroacetate	*	400.000	J		
P3504-08	DCYA9	Solid	Heptafluorobutyric acid, n-octade	*	130.000	J		
P3504-08	DCYA9	Solid	Hexadecanal	*	180.000	J		
P3504-08	DCYA9	Solid	n-Hexadecanoic acid	*	260.000	J		
P3504-08	DCYA9	Solid	Octacosanol	*	260.000	J		
P3504-08	DCYA9	Solid	Oxirane, hexadecyl-	*	200.000	J		
P3504-08	DCYA9	Solid	Pentadecafluorooctanoic acid, oct	*	750.000	J		
P3504-08	DCYA9	Solid	Propylene Glycol	*	190.000	J		
P3504-08	DCYA9	Solid	Total Alkanes	*	1,800.000	45	300	ug/Kg
			Total Tics :			6,630.00		
			Total Concentration:			6,630.00		
Client ID : DCYB4								
P3504-09	DCYB4	Solid	Total Alkanes	*	0.000	29	190	ug/Kg
			Total Tics :			0.00		
			Total Concentration:			0.00		
Client ID : DCYC8								
P3504-10	DCYC8	Solid	(DEL) Alkane: Straight-Chain25.7	*	80.000	J		
P3504-10	DCYC8	Solid	Heptadecyl heptafluorobutyrate	*	130.000	J		
P3504-10	DCYC8	Solid	Heptafluorobutyric acid, pentadec	*	170.000	J		
P3504-10	DCYC8	Solid	n-Hexadecanoic acid	*	91.000	J		
P3504-10	DCYC8	Solid	unknown-01	*	110.000	J		

Hit Summary Sheet SW-846

SDG No.: BG082024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3504-10	DCYC8	Solid	Total Alkanes	*	80.000	29	190	ug/Kg
Total Tics :					661.00			
Total Concentration:					661.00			
Client ID : DCYC9								
P3504-11	DCYC9	Solid	(3aR,4R,7R)-1,4,9,9-Tetramethyl-	*	740.000	J		
P3504-11	DCYC9	Solid	(DEL) Alkane: Cyclic21.211	*	130.000	J		
P3504-11	DCYC9	Solid	(DEL) Alkane: Straight-Chain22.3	*	120.000	J		
P3504-11	DCYC9	Solid	(DEL) Alkane: Straight-Chain23.7	*	150.000	J		
P3504-11	DCYC9	Solid	(DEL) Alkane: Straight-Chain25.7	*	180.000	J		
P3504-11	DCYC9	Solid	(DEL) Alkane: Straight-Chain28.6	*	180.000	J		
P3504-11	DCYC9	Solid	1-Phenoxypropan-2-ol	*	92.000	J		
P3504-11	DCYC9	Solid	Cinnamyl cinnamate	*	210.000	J		
P3504-11	DCYC9	Solid	n-Hexadecanoic acid	*	130.000	J		
P3504-11	DCYC9	Solid	unknown-01	*	110.000	J		
P3504-11	DCYC9	Solid	unknown-02	*	1,100.000	J		
P3504-11	DCYC9	Solid	unknown-03	*	210.000	J		
P3504-11	DCYC9	Solid	Total Alkanes	*	760.000	29	190	ug/Kg
Total Tics :					4,112.00			
Total Concentration:					4,112.00			
Client ID : DCYD7								
P3504-12	DCYD7	Solid	(1S,3E,7E,11E)-Cembra-3,7,11-tri	*	230.000	J		
P3504-12	DCYD7	Solid	(DEL) Alkane: Straight-Chain22.3	*	270.000	J		
P3504-12	DCYD7	Solid	(DEL) Alkane: Straight-Chain23.7	*	210.000	J		
P3504-12	DCYD7	Solid	(DEL) Alkane: Straight-Chain25.6	*	170.000	J		
P3504-12	DCYD7	Solid	(DEL) Alkane: Straight-Chain25.7	*	260.000	J		
P3504-12	DCYD7	Solid	(DEL) Alkane: Straight-Chain25.8	*	510.000	J		
P3504-12	DCYD7	Solid	(S)-(+)-1,2-Propanediol	*	180.000	J		
P3504-12	DCYD7	Solid	.alpha.-Pinene	*	340.000	J		
P3504-12	DCYD7	Solid	.gamma.-Sitosterol	*	450.000	J		
P3504-12	DCYD7	Solid	1-Phenoxypropan-2-ol	*	120.000	J		
P3504-12	DCYD7	Solid	2-Phenanthrenol, 4b,5,6,7,8,8a,9,1	*	200.000	J		
P3504-12	DCYD7	Solid	Acetic acid, 2-(2-propyl-1-benzim	*	2,000.000	J		
P3504-12	DCYD7	Solid	Bicyclo[5.2.0]nonane, 2-methylen	*	340.000	J		
P3504-12	DCYD7	Solid	Cinnamyl cinnamate	*	950.000	J		
P3504-12	DCYD7	Solid	Dehydroabietic acid	*	180.000	J		
P3504-12	DCYD7	Solid	n-Hexadecanoic acid	*	410.000	J		
P3504-12	DCYD7	Solid	n-Nonadecanol-1	*	190.000	J		
P3504-12	DCYD7	Solid	n-Tetracosanol-1	*	250.000	J		
P3504-12	DCYD7	Solid	Naphthalene, 1,2,3,4,4a,5,6,8a-oct	*	92.000	J		

Hit Summary Sheet SW-846

SDG No.: BG082024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3504-12	DCYD7	Solid	Octadecanoic acid	*	150.000	J		
P3504-12	DCYD7	Solid	Palmitic acid vinyl ester	*	170.000	J		
P3504-12	DCYD7	Solid	Total Alkanes	*	1,400.000	32	210	ug/Kg
Total Tics :					9,072.00			
Total Concentration:					9,072.00			
Client ID : DCYI7								
P3504-13	DCYI7	Solid	(DEL) Alkane: Cyclic21.211	*	110.000	J		
P3504-13	DCYI7	Solid	n-Hexadecanoic acid	*	92.000	J		
P3504-13	DCYI7	Solid	unknown-01	*	78.000	J		
P3504-13	DCYI7	Solid	Total Alkanes	*	110.000	28	180	ug/Kg
Total Tics :					390.00			
Total Concentration:					390.00			
Client ID : DCYE6								
P3504-14	DCYE6	Solid	(DEL) Alkane: Cyclic21.207	*	170.000	J		
P3504-14	DCYE6	Solid	(DEL) Alkane: Straight-Chain25.7	*	130.000	J		
P3504-14	DCYE6	Solid	1-Heneicosanol	*	160.000	J		
P3504-14	DCYE6	Solid	1-Phenoxypropan-2-ol	*	100.000	J		
P3504-14	DCYE6	Solid	Coumarin, 3,4-dihydro-4,5,7-trim	*	190.000	J		
P3504-14	DCYE6	Solid	Heptafluorobutyric acid, n-octade	*	150.000	J		
P3504-14	DCYE6	Solid	n-Hexadecanoic acid	*	160.000	J		
P3504-14	DCYE6	Solid	Octadecane, 1-chloro-	*	170.000	J		
P3504-14	DCYE6	Solid	Total Alkanes	*	300.000	38	250	ug/Kg
Total Tics :					1,530.00			
Total Concentration:					1,530.00			
Client ID : DCYE7								
P3504-15	DCYE7	Solid	Heptadecyl heptafluorobutyrate	*	110.000	J		
P3504-15	DCYE7	Solid	Hexacosyl pentafluoropropionate	*	140.000	J		
P3504-15	DCYE7	Solid	n-Hexadecanoic acid	*	140.000	J		
P3504-15	DCYE7	Solid	unknown-01	*	79.000	J		
P3504-15	DCYE7	Solid	unknown-02	*	75.000	J		
P3504-15	DCYE7	Solid	Total Alkanes	*	0.000	29	190	ug/Kg
Total Tics :					544.00			
Total Concentration:					544.00			
Client ID : DCYE8								
P3504-16	DCYE8	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P3504-16	DCYE8	Solid	n-Hexadecanoic acid	*	150.000	J		
P3504-16	DCYE8	Solid	Pentafluoropropionic acid, heptad	*	160.000	J		
P3504-16	DCYE8	Solid	unknown-01	*	140.000	J		
P3504-16	DCYE8	Solid	Total Alkanes	*	0.000	35	230	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BG082024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :					560.00			
Total Concentration:					560.00			
Client ID : DCYF3								
P3504-17	DCYF3	Solid	1-Phenoxypropan-2-ol	*	97.000	J		
P3504-17	DCYF3	Solid	n-Hexadecanoic acid	*	100.000	J		
P3504-17	DCYF3	Solid	Pentafluoropropionic acid, pentad	*	99.000	J		
P3504-17	DCYF3	Solid	Total Alkanes	*	0.000	32	210	ug/Kg
Total Tics :					296.00			
Total Concentration:					296.00			
Client ID : DCYF4								
P3504-18	DCYF4	Solid	(DEL) Alkane: Cyclic22.351	*	260.000	J		
P3504-18	DCYF4	Solid	(DEL) Alkane: Straight-Chain23.7	*	510.000	J		
P3504-18	DCYF4	Solid	(DEL) Alkane: Straight-Chain25.7	*	220.000	J		
P3504-18	DCYF4	Solid	.gamma.-Sitosterol	*	200.000	J		
P3504-18	DCYF4	Solid	1-Phenoxypropan-2-ol	*	160.000	J		
P3504-18	DCYF4	Solid	7-Tetradecyne	*	1,100.000	J		
P3504-18	DCYF4	Solid	n-Hexadecanoic acid	*	350.000	J		
P3504-18	DCYF4	Solid	Octadecanoic acid	*	180.000	J		
P3504-18	DCYF4	Solid	Propylene Glycol	*	170.000	J		
P3504-18	DCYF4	Solid	Trifluoroacetoxy hexadecane	*	330.000	J		
P3504-18	DCYF4	Solid	unknown-01	*	260.000	J		
P3504-18	DCYF4	Solid	unknown-02	*	480.000	J		
P3504-18	DCYF4	Solid	Total Alkanes	*	990.000	34	220	ug/Kg
Total Tics :					5,210.00			
Total Concentration:					5,210.00			
Client ID : DCYF5								
P3504-19	DCYF5	Solid	(S)-(+)-1,2-Propanediol	*	170.000	J		
P3504-19	DCYF5	Solid	1-Heneicosyl formate	*	150.000	J		
P3504-19	DCYF5	Solid	1-Phenoxypropan-2-ol	*	150.000	J		
P3504-19	DCYF5	Solid	n-Hexadecanoic acid	*	260.000	J		
P3504-19	DCYF5	Solid	Nonacosan-10-ol	*	160.000	J		
P3504-19	DCYF5	Solid	Octadecanoic acid	*	130.000	J		
P3504-19	DCYF5	Solid	Total Alkanes	*	0.000	31	200	ug/Kg
Total Tics :					1,020.00			
Total Concentration:					1,020.00			
Client ID : DCYF7								
P3504-20	DCYF7	Solid	(DEL) Alkane: Cyclic21.211	*	160.000	J		
P3504-20	DCYF7	Solid	1-Phenoxypropan-2-ol	*	150.000	J		
P3504-20	DCYF7	Solid	n-Hexadecanoic acid	*	190.000	J		

Hit Summary Sheet SW-846

SDG No.: BG082024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3504-20	DCYF7	Solid	unknown-01	*	140.000	J		
P3504-20	DCYF7	Solid	unknown-02	*	290.000	J		
P3504-20	DCYF7	Solid	Total Alkanes	*	160.000	36	230	ug/Kg
Total Tics :					1,090.00			
Total Concentration:					1,090.00			
Client ID : DCYA2								
P3504-21	DCYA2	Solid	(DEL) Alkane: Cyclic22.353	*	96.000	J		
P3504-21	DCYA2	Solid	1-Phenoxypropan-2-ol	*	200.000	J		
P3504-21	DCYA2	Solid	Dehydroabietic acid	*	210.000	J		
P3504-21	DCYA2	Solid	n-Hexadecanoic acid	*	350.000	J		
P3504-21	DCYA2	Solid	Octadecanoic acid	*	170.000	J		
P3504-21	DCYA2	Solid	Propylene Glycol	*	200.000	J		
P3504-21	DCYA2	Solid	trans-.beta.-Ocimene	*	160.000	J		
P3504-21	DCYA2	Solid	Trichloroacetic acid, pentadecyl e	*	190.000	J		
P3504-21	DCYA2	Solid	unknown-01	*	530.000	J		
P3504-21	DCYA2	Solid	unknown-02	*	110.000	J		
P3504-21	DCYA2	Solid	Total Alkanes	*	96.000	35	230	ug/Kg
Total Tics :					2,312.00			
Total Concentration:					2,312.00			
Client ID : DCYB6								
P3504-22	DCYB6	Solid	(DEL) Alkane: Straight-Chain18.1	*	170.000	J		
P3504-22	DCYB6	Solid	1-Hexacosene	*	150.000	J		
P3504-22	DCYB6	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P3504-22	DCYB6	Solid	Propylene Glycol	*	150.000	J		
P3504-22	DCYB6	Solid	Total Alkanes	*	170.000	29	190	ug/Kg
Total Tics :					770.00			
Total Concentration:					770.00			
Client ID : DCYF1								
P3504-23	DCYF1	Solid	(1R)-2,6,6-Trimethylbicyclo[3.1.1	*	250.000	J		
P3504-23	DCYF1	Solid	(DEL) Alkane: Straight-Chain21.2	*	210.000	J		
P3504-23	DCYF1	Solid	(S)-(+)-1,2-Propanediol	*	180.000	J		
P3504-23	DCYF1	Solid	1-Phenoxypropan-2-ol	*	160.000	J		
P3504-23	DCYF1	Solid	Dehydroabietic acid	*	280.000	J		
P3504-23	DCYF1	Solid	n-Hexadecanoic acid	*	250.000	J		
P3504-23	DCYF1	Solid	Octadecanoic acid	*	110.000	J		
P3504-23	DCYF1	Solid	unknown-01	*	210.000	J		
P3504-23	DCYF1	Solid	unknown-02	*	95.000	J		
P3504-23	DCYF1	Solid	Total Alkanes	*	210.000	31	210	ug/Kg
Total Tics :					1,955.00			

Hit Summary Sheet
SW-846

SDG No.: BG082024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				1,955.00				
Client ID : DCYF2								
P3504-24	DCYF2	Solid	(DEL) Alkane: Straight-Chain23.7 *	91.000	J			
P3504-24	DCYF2	Solid	(DEL) Alkane: Straight-Chain25.7 *	100.000	J			
P3504-24	DCYF2	Solid	.alpha.-Pinene *	570.000	J			
P3504-24	DCYF2	Solid	.beta.-Sitosterol *	400.000	J			
P3504-24	DCYF2	Solid	1-Octadecanol *	1,700.000	J			
P3504-24	DCYF2	Solid	1-Phenoxypropan-2-ol *	240.000	J			
P3504-24	DCYF2	Solid	13-Isopropylpodocarpene-12-ol-20 *	1,100.000	J			
P3504-24	DCYF2	Solid	2-Phenanthrenol, 4b,5,6,7,8,8a,9,10 *	93.000	J			
P3504-24	DCYF2	Solid	Bicyclo[3.1.1]hept-2-ene, 2,6-dimethyl-5-ene *	130.000	J			
P3504-24	DCYF2	Solid	Dehydroabietic acid *	510.000	J			
P3504-24	DCYF2	Solid	Heptadecyl heptafluorobutyrate *	260.000	J			
P3504-24	DCYF2	Solid	Longifolene *	180.000	J			
P3504-24	DCYF2	Solid	Methyl dehydroabietate *	96.000	J			
P3504-24	DCYF2	Solid	n-Hexadecanoic acid *	420.000	J			
P3504-24	DCYF2	Solid	n-Tetracosanol-1 *	160.000	J			
P3504-24	DCYF2	Solid	Octadecanoic acid *	210.000	J			
P3504-24	DCYF2	Solid	Oxirane, hexadecyl-2-ylidene *	91.000	J			
P3504-24	DCYF2	Solid	Pentafluoropropionic acid, heptadecyl ester *	260.000	J			
P3504-24	DCYF2	Solid	Propylene Glycol *	220.000	J			
P3504-24	DCYF2	Solid	unknown-01 *	280.000	J			
P3504-24	DCYF2	Solid	Total Alkanes *	190.000		35	230	ug/Kg
Total Tics :				7,301.00				
Total Concentration:				7,301.00				
Client ID : DCYI6								
P3504-27	DCYI6	Solid	(DEL) Alkane: Cyclic21.205 *	180.000	J			
P3504-27	DCYI6	Solid	1-Phenoxypropan-2-ol *	180.000	J			
P3504-27	DCYI6	Solid	Tridecanoic acid *	190.000	J			
P3504-27	DCYI6	Solid	unknown-01 *	160.000	J			
P3504-27	DCYI6	Solid	unknown-02 *	270.000	J			
P3504-27	DCYI6	Solid	Total Alkanes *	180.000		36	240	ug/Kg
Total Tics :				1,160.00				
Total Concentration:				1,160.00				
Client ID : SP								
SP	SP	Water	Total Alkanes *	0.000		990	5000	ug/L
SP	SP	Water	Total Alkanes *	0.000		990	5000	ug/L
Total Tics :				0.00				
SP	SP	Water	1,1-Biphenyl	75,000.000		990	5000	ug/L

Hit Summary Sheet
SW-846

SDG No.: BG082024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SP	SP	Water	1,2,3,4-Tetrachlorobenzene	85,000.000	E	920	5000	ug/L
SP	SP	Water	1,2,4,5-Tetrachlorobenzene	78,000.000		900	5000	ug/L
SP	SP	Water	1,4-Dioxane	26,000.000		1200	2000	ug/L
SP	SP	Water	1-Methylnaphthalene	71,000.000		1000	5000	ug/L
SP	SP	Water	2,2-oxybis(1-Chloropropane)	76,000.000		1200	10000	ug/L
SP	SP	Water	2,3,4,6-Tetrachlorophenol	82,000.000	E	1000	5000	ug/L
SP	SP	Water	2,4,5-Trichlorophenol	89,000.000	E	800	5000	ug/L
SP	SP	Water	2,4,6-Trichlorophenol	87,000.000	E	810	5000	ug/L
SP	SP	Water	2,4-Dichlorophenol	84,000.000	E	930	5000	ug/L
SP	SP	Water	2,4-Dimethylphenol	78,000.000		1100	5000	ug/L
SP	SP	Water	2,4-Dinitrophenol	100,000.000		2800	10000	ug/L
SP	SP	Water	2,4-Dinitrotoluene	95,000.000	E	1100	5000	ug/L
SP	SP	Water	2,6-Dinitrotoluene	100,000.000	E	1300	5000	ug/L
SP	SP	Water	2-Chloronaphthalene	77,000.000		1100	5000	ug/L
SP	SP	Water	2-Chlorophenol	95,000.000	E	1200	5000	ug/L
SP	SP	Water	2-Methylnaphthalene	72,000.000		1600	5000	ug/L
SP	SP	Water	2-Methylphenol	80,000.000		820	10000	ug/L
SP	SP	Water	2-Nitroaniline	97,000.000	E	1700	5000	ug/L
SP	SP	Water	2-Nitrophenol	100,000.000	E	1200	5000	ug/L
SP	SP	Water	3,3-Dichlorobenzidine	75,000.000		1700	10000	ug/L
SP	SP	Water	3-Nitroaniline	84,000.000		1500	10000	ug/L
SP	SP	Water	4,6-Dinitro-2-methylphenol	95,000.000		1200	10000	ug/L
SP	SP	Water	4-Bromophenyl-phenylether	78,000.000		1400	5000	ug/L
SP	SP	Water	4-Chloro-3-methylphenol	76,000.000		2000	5000	ug/L
SP	SP	Water	4-Chloroaniline	57,000.000		1800	10000	ug/L
SP	SP	Water	4-Chlorophenyl-phenylether	68,000.000		960	5000	ug/L
SP	SP	Water	4-Methylphenol	77,000.000		1200	10000	ug/L
SP	SP	Water	4-Nitroaniline	87,000.000		1200	10000	ug/L
SP	SP	Water	4-Nitrophenol	76,000.000		1400	10000	ug/L
SP	SP	Water	Acenaphthene	73,000.000		1100	5000	ug/L
SP	SP	Water	Acenaphthylene	72,000.000		1100	5000	ug/L
SP	SP	Water	Acetophenone	71,000.000		890	10000	ug/L
SP	SP	Water	Anthracene	70,000.000		720	5000	ug/L
SP	SP	Water	Atrazine	72,000.000		960	10000	ug/L
SP	SP	Water	Benzaldehyde	100,000.000		2300	10000	ug/L
SP	SP	Water	Benzo(a)anthracene	73,000.000		560	5000	ug/L
SP	SP	Water	Benzo(a)pyrene	72,000.000		1100	5000	ug/L
SP	SP	Water	Benzo(b)fluoranthene	72,000.000		1100	5000	ug/L
SP	SP	Water	Benzo(g,h,i)perylene	76,000.000		1100	5000	ug/L
SP	SP	Water	Benzo(k)fluoranthene	72,000.000		1100	5000	ug/L

Hit Summary Sheet
SW-846

SDG No.: BG082024

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SP	SP	Water	Bis(2-Chloroethoxy)methane	73,000.000		1200	5000	ug/L
SP	SP	Water	Bis(2-Chloroethyl)ether	71,000.000		1300	10000	ug/L
SP	SP	Water	Bis(2-ethylhexyl)phthalate	78,000.000		870	5000	ug/L
SP	SP	Water	Butylbenzylphthalate	81,000.000	E	970	5000	ug/L
SP	SP	Water	Caprolactam	70,000.000		2900	10000	ug/L
SP	SP	Water	Carbazole	70,000.000		1000	10000	ug/L
SP	SP	Water	Chrysene	71,000.000		750	5000	ug/L
SP	SP	Water	Di-n-butylphthalate	70,000.000		810	5000	ug/L
SP	SP	Water	Di-n-octyl phthalate	77,000.000		1500	10000	ug/L
SP	SP	Water	Dibenzo(a,h)anthracene	75,000.000		1200	5000	ug/L
SP	SP	Water	Dibenzofuran	71,000.000		870	5000	ug/L
SP	SP	Water	Diethylphthalate	68,000.000		870	5000	ug/L
SP	SP	Water	Dimethylphthalate	69,000.000		1300	5000	ug/L
SP	SP	Water	Fluoranthene	73,000.000		650	5000	ug/L
SP	SP	Water	Fluorene	67,000.000		870	5000	ug/L
SP	SP	Water	Hexachlorobenzene	76,000.000		560	5000	ug/L
SP	SP	Water	Hexachlorobutadiene	75,000.000		980	5000	ug/L
SP	SP	Water	Hexachlorocyclopentadiene	65,000.000		3100	10000	ug/L
SP	SP	Water	Hexachloroethane	81,000.000	E	1500	5000	ug/L
SP	SP	Water	Indeno(1,2,3-cd)pyrene	75,000.000		1400	5000	ug/L
SP	SP	Water	Isophorone	68,000.000		1100	5000	ug/L
SP	SP	Water	N-Nitroso-di-n-propylamine	71,000.000		1500	5000	ug/L
SP	SP	Water	N-Nitrosodiphenylamine	77,000.000		710	5000	ug/L
SP	SP	Water	Naphthalene	73,000.000		700	5000	ug/L
SP	SP	Water	Nitrobenzene	84,000.000	E	990	5000	ug/L
SP	SP	Water	Pentachlorobenzene	77,000.000		1200	5000	ug/L
SP	SP	Water	Pentachlorophenol	87,000.000		2500	10000	ug/L
SP	SP	Water	Phenanthrene	69,000.000		970	5000	ug/L
SP	SP	Water	Phenol	78,000.000		1500	10000	ug/L
SP	SP	Water	Pyrene	71,000.000		530	5000	ug/L
SP	SP	Water	Pyridine	65,000.000		2200	10000	ug/L

Total Svoc : **5,519,000.00**

Total Concentration: **5,519,000.00**

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:		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
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.: BG081424SAS No.: BG081424SDG 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.: BG082024 SAS No.: BG082024 SDG NO.: BG082024

EPA Sample No.: SSTD020433 Date Analyzed: Aug 20 2024 12:00AM

Lab File ID: BG062392.D Time Analyzed: 10:27

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	SBLK773	49425	7.95	233896	10.74	188460	14.57
02	DCYF2	64350	7.94	289069	10.74	217301	14.57
03	DCYF2MS	64422	7.95	316215	10.74	229198	14.57
04	DCYF2MSD	70321	7.94	337009	10.74	243906	14.56
05	DCYD7	80659	7.94	381778	10.73	276021	14.56
06	DCYE7	75339	7.94	351119	10.74	261296	14.56
07	DCYF5	74992	7.94	368322	10.73	276295	14.56
08	DCYC9	64636	7.94	319228	10.74	236270	14.56
09	DCYA3	76791	7.94	382868	10.73	290206	14.56
10	DCYI7	86290 *	7.94	364263	10.74	276705	14.56
11	SBLK773	60422	7.94	273541	10.73	203221	14.56
12	DCYA4	87656 *	7.94	373652	10.74	290295	14.56
13	DCYF3	72125	7.94	347235	10.74	263147	14.56
14	DCYF7	80924	7.94	384671	10.73	283845	14.56
15	DCYB4	78717	7.94	430036 *	10.73	300897	14.56
16	DCYE8	63065	7.94	310820	10.73	237915	14.56
17	DCYE6	98013 *	7.94	452243 *	10.73	278061	14.56
18	DCYC8	90485 *	7.94	430339 *	10.73	314192	14.56
19	DCYA9	110864 *	7.94	506832 *	10.74	379532 *	14.56
20	DCYF4	76770	7.94	364696	10.73	242687	14.56
21	DCYA2	90038 *	7.94	368198	10.73	261184	14.56
22	DCYB6	93129 *	7.94	435299 *	10.73	268631	14.56
23	DCYF1	91311 *	7.94	419445	10.73	303539	14.56

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG082024 SAS No.: BG082024 SDG NO.: BG082024

EPA Sample No.: SSTD020433 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BG062392.D Time Analyzed: 03:26

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 DCYI6	83909	7.94	384292	10.73	277460	14.56
25 SP	54650	7.94	271003	10.73	199483	14.56
26 SP	52029	7.94	253097	10.74	180531	14.56

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.: BG082024 SAS No.: BG082024 SDG NO.: BG082024

EPA Sample No.: SSTD020463 Date Analyzed: Aug 20 2024 12:00AM

Lab File ID: BG062470.D Time Analyzed: 10:27

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	64253	7.946	275128	10.74	217993	14.57
UPPER LIMIT	128506	8.446	550256	11.237	435986	15.067
LOWER LIMIT	32126.5	7.446	137564	10.237	108996.5	14.067
EPA SAMPLE NO.						
01 SBLK773	49425	7.95	233896	10.74	188460	14.57
02 DCYF2	64350	7.94	289069	10.74	217301	14.57
03 DCYF2MS	64422	7.95	316215	10.74	229198	14.57
04 DCYF2MSD	70321	7.94	337009	10.74	243906	14.56
05 DCYD7	80659	7.94	381778	10.73	276021	14.56
06 DCYE7	75339	7.94	351119	10.74	261296	14.56
07 DCYF5	74992	7.94	368322	10.73	276295	14.56
08 DCYC9	64636	7.94	319228	10.74	236270	14.56
09 DCYA3	76791	7.94	382868	10.73	290206	14.56
10 DCYI7	86290	7.94	364263	10.74	276705	14.56

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.: BG082024 SAS No.: BG082024 SDG NO.: BG082024

EPA Sample No.: SSTD020464 Date Analyzed: Aug 20 2024 12:00AM

Lab File ID: BG062481.D Time Analyzed: 18:38

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	72001	7.941	277291	10.73	212077	14.56
UPPER LIMIT	144002	8.441	554582	11.231	424154	15.061
LOWER LIMIT	36000.5	7.441	138645.5	10.231	106038.5	14.061
EPA SAMPLE NO.						
01 SBLK773	60422	7.94	273541	10.73	203221	14.56
02 DCYA4	87656	7.94	373652	10.74	290295	14.56
03 DCYF3	72125	7.94	347235	10.74	263147	14.56
04 DCYF7	80924	7.94	384671	10.73	283845	14.56
05 DCYB4	78717	7.94	430036	10.73	300897	14.56
06 DCYE8	63065	7.94	310820	10.73	237915	14.56
07 DCYE6	98013	7.94	452243	10.73	278061	14.56
08 DCYC8	90485	7.94	430339	10.73	314192	14.56
09 DCYA9	110864	7.94	506832	10.74	379532	14.56
10 DCYF4	76770	7.94	364696	10.73	242687	14.56
11 DCYA2	90038	7.94	368198	10.73	261184	14.56
12 DCYB6	93129	7.94	435299	10.73	268631	14.56
13 DCYF1	91311	7.94	419445	10.73	303539	14.56
14 DCYI6	83909	7.94	384292	10.73	277460	14.56

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.: BG082024 SAS No.: BG082024 SDG NO.: BG082024

EPA Sample No.: SSTD020465 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BG062496.D Time Analyzed: 05:28

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	75898	7.943	372873	10.73	277184	14.56
UPPER LIMIT	151796	8.443	745746	11.233	554368	15.063
LOWER LIMIT	37949	7.443	186436.5	10.233	138592	14.063
EPA SAMPLE NO.						
01 SP	54650	7.94	271003	10.73	199483	14.56
02 SP	52029	7.94	253097	10.74	180531	14.56

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.: BG082024 SAS No.: BG082024 SDG NO.: BG082024

EPA Sample No.: SSTD020433 Date Analyzed: Aug 20 2024 12:00AM

Lab File ID: BG062392.D Time Analyzed: 10:27

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	SBLK773	438498	17.30	421392	21.55	484680	24.63
02	DCYF2	485623	17.30	450590	21.55	504333	24.63
03	DCYF2MS	498053	17.30	447668	21.55	504691	24.63
04	DCYF2MSD	518764	17.31	459000	21.55	524728	24.63
05	DCYD7	599213	17.30	552663	21.54	627871	24.63
06	DCYE7	573126	17.31	526741	21.54	565927	24.62
07	DCYF5	609263	17.30	570810	21.54	651261	24.62
08	DCYC9	516982	17.30	527999	21.55	589736	24.62
09	DCYA3	679851	17.30	666048	21.54	763813	24.63
10	DCYI7	591317	17.30	564054	21.54	629005	24.62
11	SBLK773	438412	17.30	426607	21.54	476984	24.62
12	DCYA4	643057	17.30	619530	21.54	713525	24.62
13	DCYF3	574675	17.30	540850	21.54	626225	24.62
14	DCYF7	608791	17.30	561627	21.54	641797	24.62
15	DCYB4	718623	17.30	571890	21.54	658309	24.62
16	DCYE8	522379	17.30	503615	21.54	585345	24.61
17	DCYE6	592808	17.30	555209	21.54	636173	24.62
18	DCYC8	601909	17.30	562370	21.54	643445	24.62
19	DCYA9	807303	17.30	768091	21.54	870115	24.62
20	DCYF4	525150	17.30	502209	21.54	660588	24.62
21	DCYA2	570536	17.30	538416	21.54	605509	24.62

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG082024 SAS No.: BG082024 SDG NO.: BG082024

EPA Sample No.: SSTD020433 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BG062392.D Time Analyzed: 02:05

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 DCYB6	658503	17.30	554971	21.54	635897	24.62
23 DCYF1	638027	17.30	594880	21.54	706423	24.62
24 DCYI6	579568	17.30	543730	21.54	634998	24.62
25 SP	419692	17.30	403606	21.54	467100	24.62
26 SP	380272	17.31	369589	21.55	435281	24.62

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.: BG082024 SAS No.: BG082024 SDG NO.: BG082024

EPA Sample No.: SSTD020463 Date Analyzed: Aug 20 2024 12:00AM

Lab File ID: BG062470.D Time Analyzed: 10:27

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	504753	17.304	494848	21.546	574282	24.63
UPPER LIMIT	1009506	17.804	989696	22.046	1148564	25.13
LOWER LIMIT	252376.5	16.804	247424	21.046	287141	24.13
EPA SAMPLE NO.						
01 SBLK773	438498	17.30	421392	21.55	484680	24.63
02 DCYF2	485623	17.30	450590	21.55	504333	24.63
03 DCYF2MS	498053	17.30	447668	21.55	504691	24.63
04 DCYF2MSD	518764	17.31	459000	21.55	524728	24.63
05 DCYD7	599213	17.30	552663	21.54	627871	24.63
06 DCYE7	573126	17.31	526741	21.54	565927	24.62
07 DCYF5	609263	17.30	570810	21.54	651261	24.62
08 DCYC9	516982	17.30	527999	21.55	589736	24.62
09 DCYA3	679851	17.30	666048	21.54	763813	24.63
10 DCYI7	591317	17.30	564054	21.54	629005	24.62

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.: BG082024 SAS No.: BG082024 SDG NO.: BG082024

EPA Sample No.: SSTD020464 Date Analyzed: Aug 20 2024 12:00AM

Lab File ID: BG062481.D Time Analyzed: 18:38

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	451804	17.305	437235	21.546	495667	24.624
	UPPER LIMIT	903608	17.805	874470	22.046	991334	25.124
	LOWER LIMIT	225902	16.805	218617.5	21.046	247833.5	24.124
	EPA SAMPLE NO.						
01	SBLK773	438412	17.30	426607	21.54	476984	24.62
02	DCYA4	643057	17.30	619530	21.54	713525	24.62
03	DCYF3	574675	17.30	540850	21.54	626225	24.62
04	DCYF7	608791	17.30	561627	21.54	641797	24.62
05	DCYB4	718623	17.30	571890	21.54	658309	24.62
06	DCYE8	522379	17.30	503615	21.54	585345	24.61
07	DCYE6	592808	17.30	555209	21.54	636173	24.62
08	DCYC8	601909	17.30	562370	21.54	643445	24.62
09	DCYA9	807303	17.30	768091	21.54	870115	24.62
10	DCYF4	525150	17.30	502209	21.54	660588	24.62
11	DCYA2	570536	17.30	538416	21.54	605509	24.62
12	DCYB6	658503	17.30	554971	21.54	635897	24.62
13	DCYF1	638027	17.30	594880	21.54	706423	24.62
14	DCYI6	579568	17.30	543730	21.54	634998	24.62

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.: BG082024 SAS No.: BG082024 SDG NO.: BG082024

EPA Sample No.: SSTD020465 Date Analyzed: Aug 21 2024 12:00AM

Lab File ID: BG062496.D Time Analyzed: 05:28

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	572320	17.301	554277	21.542	646868	24.62
UPPER LIMIT	1144640	17.801	1108554	22.042	1293736	25.12
LOWER LIMIT	286160	16.801	277138.5	21.042	323434	24.12
EPA SAMPLE NO.						
01 SP	419692	17.30	403606	21.54	467100	24.62
02 SP	380272	17.31	369589	21.55	435281	24.62

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.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG082024

SAS No.: BG082024 SDG NO.: BG082024

Lab File ID: BG062497.D

Lab Sample ID: SP

Instrument ID: BNA_G

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 08/21/2024

Level: (low/med) LOW

Time Analyzed: 05:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP	SP	BG062497.D	08/21/2024
SP	SP	BG062498.D	08/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK773

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG082024

SAS No.: BG082024 SDG NO.: BG082024

Lab File ID: BG062471.D

Lab Sample ID: PB162773BL

Instrument ID: BNA_G

Date Extracted: 08/15/2024

Matrix: (soil/water) Solid

Date Analyzed: 08/20/2024

Level: (low/med) LOW

Time Analyzed: 10:27

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DCYA4	P3504-07	BG062483.D	08/20/2024
DCYF3	P3504-17	BG062484.D	08/20/2024
DCYF7	P3504-20	BG062485.D	08/20/2024
DCYB4	P3504-09	BG062486.D	08/20/2024
DCYE8	P3504-16	BG062487.D	08/20/2024
DCYE6	P3504-14	BG062488.D	08/20/2024
DCYC8	P3504-10	BG062489.D	08/20/2024
DCYA9	P3504-08	BG062490.D	08/21/2024
DCYF4	P3504-18	BG062491.D	08/21/2024
DCYA2	P3504-21	BG062492.D	08/21/2024
DCYB6	P3504-22	BG062493.D	08/21/2024
DCYF1	P3504-23	BG062494.D	08/21/2024
DCYI6	P3504-27	BG062495.D	08/21/2024
DCYF2	P3504-24	BG062472.D	08/20/2024
DCYF2MS	P3504-25MS	BG062473.D	08/20/2024
DCYF2MSD	P3504-26MSD	BG062474.D	08/20/2024
DCYD7	P3504-12	BG062475.D	08/20/2024
DCYE7	P3504-15	BG062476.D	08/20/2024
DCYF5	P3504-19	BG062477.D	08/20/2024
DCYC9	P3504-11	BG062478.D	08/20/2024
DCYA3	P3504-06	BG062479.D	08/20/2024
DCYI7	P3504-13	BG062480.D	08/20/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG082024

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3504-25MS	Client Sample ID:	DCYF2MS					DataFile:	BG062473.D		
1,4-Dioxane	710		520	ug/Kg	73				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		1500	ug/Kg	83				0	0	
2-Chlorophenol	1800		1600	ug/Kg	89				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		1400	ug/Kg	78				0	0	
4-Methylphenol	1800		1400	ug/Kg	78				0	0	
N-Nitroso-di-n-propylamine	1800		1400	ug/Kg	78				41	126	
Hexachloroethane	1800		1600	ug/Kg	89				0	0	
Nitrobenzene	1800		1600	ug/Kg	89				0	0	
Isophorone	1800		1400	ug/Kg	78				0	0	
2-Nitrophenol	1800		1900	ug/Kg	106				0	0	
2,4-Dimethylphenol	1800		460	ug/Kg	26				0	0	
Bis(2-chloroethoxy)methane	1800		1400	ug/Kg	78				0	0	
2,4-Dichlorophenol	1800		1600	ug/Kg	89				0	0	
Naphthalene	1800		1400	ug/Kg	78				0	0	
4-Chloroaniline	1800		740	ug/Kg	41				0	0	
Hexachlorobutadiene	1800		1500	ug/Kg	83				0	0	
Caprolactam	1800		1300	ug/Kg	72				0	0	
4-Chloro-3-methylphenol	1800		1500	ug/Kg	83				26	103	
1-Methylnaphthalene	1800		1400	ug/Kg	78				0	0	
2-Methylnaphthalene	1800		1400	ug/Kg	78				0	0	
Hexachlorocyclopentadiene	1800		1400	ug/Kg	78				0	0	
2,4,6-Trichlorophenol	1800		1600	ug/Kg	89				0	0	
2,4,5-Trichlorophenol	1800		1700	ug/Kg	94				0	0	
1,1'-Biphenyl	1800		1500	ug/Kg	83				0	0	
2-Chloronaphthalene	1800		1500	ug/Kg	83				0	0	
2-Nitroaniline	1800		1900	ug/Kg	106				0	0	
Dimethylphthalate	1800		1400	ug/Kg	78				0	0	
2,6-Dinitrotoluene	1800		1900	ug/Kg	106				0	0	
Acenaphthylene	1800		1500	ug/Kg	83				0	0	
3-Nitroaniline	1800		1300	ug/Kg	72				0	0	
Acenaphthene	1800		1400	ug/Kg	78				31	137	
2,4-Dinitrophenol	1800		1700	ug/Kg	94				0	0	
4-Nitrophenol	1800		1500	ug/Kg	83				11	114	
Dibenzofuran	1800		1400	ug/Kg	78				0	0	
2,4-Dinitrotoluene	1800		1800	ug/Kg	100	*			28	89	
Diethylphthalate	1800		1400	ug/Kg	78				0	0	
Fluorene	1800		1400	ug/Kg	78				0	0	
4-Chlorophenyl-phenylether	1800		1400	ug/Kg	78				0	0	
4-Nitroaniline	1800		1300	ug/Kg	72				0	0	
4,6-Dinitro-2-methylphenol	1800		1700	ug/Kg	94				0	0	
N-Nitrosodiphenylamine	1800		1500	ug/Kg	83				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG082024

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				0	0	
4-Bromophenyl-phenylether	1800		1500	ug/Kg	83				0	0	
Hexachlorobenzene	1800		1500	ug/Kg	83				0	0	
Atrazine	1800		1100	ug/Kg	61				0	0	
Pentachlorophenol	1800		1600	ug/Kg	89				17	109	
Phenanthrene	1800		1400	ug/Kg	78				0	0	
Pentachlorobenzene	1800		1500	ug/Kg	83				0	0	
Anthracene	1800		1200	ug/Kg	67				0	0	
1,2,3,4-Tetrachlorobenzene	1800		1600	ug/Kg	89				0	0	
Carbazole	1800		1400	ug/Kg	78				0	0	
Di-n-butylphthalate	1800		1400	ug/Kg	78				0	0	
Fluoranthene	1800		1500	ug/Kg	83				0	0	
Pyrene	1800		1500	ug/Kg	83				35	142	
Butylbenzylphthalate	1800		1700	ug/Kg	94				0	0	
3,3'-Dichlorobenzidine	1800		110	ug/Kg	6				0	0	
Benzo(a)anthracene	1800		1400	ug/Kg	78				0	0	
Chrysene	1800		1400	ug/Kg	78				0	0	
Bis(2-ethylhexyl)phthalate	1800		1600	ug/Kg	89				0	0	
Di-n-octylphthalate	1800		1700	ug/Kg	94				0	0	
Benzo(b)fluoranthene	1800		1500	ug/Kg	83				0	0	
Benzo(k)fluoranthene	1800		1500	ug/Kg	83				0	0	
Benzo(a)pyrene	1800		1400	ug/Kg	78				0	0	
Indeno(1,2,3-cd)pyrene	1800		1500	ug/Kg	83				0	0	
Dibenzo(a,h)anthracene	1800		1500	ug/Kg	83				0	0	
Benzo(g,h,i)perylene	1800		1500	ug/Kg	83				0	0	
2,3,4,6-Tetrachlorophenol	1800		1600	ug/Kg	89				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG082024

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3504-26MSD	Client Sample ID:	DCYF2MSD					DataFile:	BG062474.D		
1,4-Dioxane	710		470	ug/Kg	66		10		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		1500	ug/Kg	83		7		26	90	35
Bis(2-chloroethyl)ether	1800		1400	ug/Kg	78		6	*	0	0	0
2-Chlorophenol	1800		1500	ug/Kg	83		7		25	102	50
2-Methylphenol	1800		1400	ug/Kg	78		0		0	0	0
2,2-oxybis(1-Chloropropane)	1800		1400	ug/Kg	78		6	*	0	0	0
Acetophenone	1800		1300	ug/Kg	72		8	*	0	0	0
4-Methylphenol	1800		1300	ug/Kg	72		8	*	0	0	0
N-Nitroso-di-n-propylamine	1800		1400	ug/Kg	78		0		41	126	38
Hexachloroethane	1800		1500	ug/Kg	83		7	*	0	0	0
Nitrobenzene	1800		1600	ug/Kg	89		0		0	0	0
Isophorone	1800		1400	ug/Kg	78		0		0	0	0
2-Nitrophenol	1800		2000	ug/Kg	111		5	*	0	0	0
2,4-Dimethylphenol	1800		440	ug/Kg	24		8	*	0	0	0
Bis(2-chloroethoxy)methane	1800		1400	ug/Kg	78		0		0	0	0
2,4-Dichlorophenol	1800		1600	ug/Kg	89		0		0	0	0
Naphthalene	1800		1400	ug/Kg	78		0		0	0	0
4-Chloroaniline	1800		710	ug/Kg	39		5	*	0	0	0
Hexachlorobutadiene	1800		1500	ug/Kg	83		0		0	0	0
Caprolactam	1800		1200	ug/Kg	67		7	*	0	0	0
4-Chloro-3-methylphenol	1800		1400	ug/Kg	78		6		26	103	33
1-Methylnaphthalene	1800		1400	ug/Kg	78		0		0	0	0
2-Methylnaphthalene	1800		1400	ug/Kg	78		0		0	0	0
Hexachlorocyclopentadiene	1800		1400	ug/Kg	78		0		0	0	0
2,4,6-Trichlorophenol	1800		1600	ug/Kg	89		0		0	0	0
2,4,5-Trichlorophenol	1800		1700	ug/Kg	94		0		0	0	0
1,1'-Biphenyl	1800		1500	ug/Kg	83		0		0	0	0
2-Chloronaphthalene	1800		1500	ug/Kg	83		0		0	0	0
2-Nitroaniline	1800		1800	ug/Kg	100		6	*	0	0	0
Dimethylphthalate	1800		1400	ug/Kg	78		0		0	0	0
2,6-Dinitrotoluene	1800		1900	ug/Kg	106		0		0	0	0
Acenaphthylene	1800		1400	ug/Kg	78		6	*	0	0	0
3-Nitroaniline	1800		1300	ug/Kg	72		0		0	0	0
Acenaphthene	1800		1400	ug/Kg	78		0		31	137	19
2,4-Dinitrophenol	1800		1800	ug/Kg	100		6	*	0	0	0
4-Nitrophenol	1800		1500	ug/Kg	83		0		11	114	50
Dibenzofuran	1800		1400	ug/Kg	78		0		0	0	0
2,4-Dinitrotoluene	1800		1800	ug/Kg	100	*	0		28	89	47
Diethylphthalate	1800		1300	ug/Kg	72		8	*	0	0	0
Fluorene	1800		1300	ug/Kg	72		8	*	0	0	0
4-Chlorophenyl-phenylether	1800		1300	ug/Kg	72		8	*	0	0	0
4-Nitroaniline	1800		1300	ug/Kg	72		0		0	0	0
4,6-Dinitro-2-methylphenol	1800		1700	ug/Kg	94		0		0	0	0
N-Nitrosodiphenylamine	1800		1400	ug/Kg	78		6	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG082024

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		0		0	0	0
4-Bromophenyl-phenylether	1800		1500	ug/Kg	83		0		0	0	0
Hexachlorobenzene	1800		1500	ug/Kg	83		0		0	0	0
Atrazine	1800		1100	ug/Kg	61		0		0	0	0
Pentachlorophenol	1800		1600	ug/Kg	89		0		17	109	47
Phenanthrene	1800		1400	ug/Kg	78		0		0	0	0
Pentachlorobenzene	1800		1500	ug/Kg	83		0		0	0	0
Anthracene	1800		1200	ug/Kg	67		0		0	0	0
1,2,3,4-Tetrachlorobenzene	1800		1600	ug/Kg	89		0		0	0	0
Carbazole	1800		1400	ug/Kg	78		0		0	0	0
Di-n-butylphthalate	1800		1500	ug/Kg	83		6	*	0	0	0
Fluoranthene	1800		1600	ug/Kg	89		7	*	0	0	0
Pyrene	1800		1500	ug/Kg	83		0		35	142	36
Butylbenzylphthalate	1800		1700	ug/Kg	94		0		0	0	0
3,3'-Dichlorobenzidine	1800		130	ug/Kg	7		15	*	0	0	0
Benzo(a)anthracene	1800		1400	ug/Kg	78		0		0	0	0
Chrysene	1800		1400	ug/Kg	78		0		0	0	0
Bis(2-ethylhexyl)phthalate	1800		1600	ug/Kg	89		0		0	0	0
Di-n-octylphthalate	1800		1600	ug/Kg	89		5	*	0	0	0
Benzo(b)fluoranthene	1800		1500	ug/Kg	83		0		0	0	0
Benzo(k)fluoranthene	1800		1400	ug/Kg	78		6	*	0	0	0
Benzo(a)pyrene	1800		1400	ug/Kg	78		0		0	0	0
Indeno(1,2,3-cd)pyrene	1800		1500	ug/Kg	83		0		0	0	0
Dibenzo(a,h)anthracene	1800		1500	ug/Kg	83		0		0	0	0
Benzo(g,h,i)perylene	1800		1500	ug/Kg	83		0		0	0	0
2,3,4,6-Tetrachlorophenol	1800		1500	ug/Kg	83		7	*	0	0	0

Surrogate Summary

SW-846

SDG No.: **BG082024**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
SP	SP	BG062497.D	1,4-Dioxane-d8	8	13,146.00	164325	*	15	120
			Pyridine-d5	40	69,988.00	174970	*	20	120
		BG062498.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
		BG062497.D	Phenol-d5	40	78,081.00	195203	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	72,679.00	181697	*	25	120
		BG062498.D	Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			2-Chlorophenol-d4	40	82,666.00	206665	*	20	130
		BG062497.D	4-Methylphenol-d8	40	77,977.00	194943	*	25	125
			4-Methylphenol-d8	40	0.00	0	*	25	125
		BG062497.D	Nitrobenzene-d5	40	91,951.00	229877	*	20	125
		BG062498.D	Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
		BG062497.D	2-Nitrophenol-d4	40	105,416.00	263540	*	20	130
			2,4-Dichlorophenol-d3	40	80,613.00	201532	*	20	120
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
		BG062497.D	4-Chloroaniline-d4	40	70,094.00	175235	*	1	146
		BG062498.D	4-Chloroaniline-d4	40	0.00	0	*	1	146
		BG062497.D	Dimethylphthalate-d6	40	67,470.00	168675	*	25	130
		BG062498.D	Dimethylphthalate-d6	40	0.00	0	*	25	130
			Acenaphthylene-d8	40	0.00	0	*	10	130
			Acenaphthylene-d8	40	72,291.00	180728	*	10	130
		BG062498.D	4-Nitrophenol-d4	40	71,787.00	179468	*	10	150
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	25	125
		BG062497.D	Fluorene-d10	40	70,176.00	175440	*	25	125
		BG062498.D	4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
		BG062497.D	4,6-Dinitro-2-methylphenol-d2	40	88,793.00	221982	*	10	130
			Anthracene-d10	40	70,833.00	177082	*	25	130
			Anthracene-d10	40	0.00	0	*	25	130
		BG062497.D	Pyrene-d10	40	71,823.00	179557	*	15	130
		BG062498.D	Pyrene-d10	40	0.00	0	*	15	130
			Benzo(a)pyrene-d12	40	0.00	0	*	20	130
			Benzo(a)pyrene-d12	40	73,678.00	184195	*	20	130

Surrogate Summary

SW-846

SDG No.: **BG082024**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3504-06	DCYA3	BG062479.D	1,4-Dioxane-d8	8	1.50	19		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	10.02	25		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.23	23		10	150
			2-Chlorophenol-d4	40	10.16	25		15	120
			4-Methylphenol-d8	40	7.52	19		10	140
			Nitrobenzene-d5	40	10.53	26		10	135
			2-Nitrophenol-d4	40	11.47	29		10	120
			2,4-Dichlorophenol-d3	40	9.55	24		10	140
			4-Chloroaniline-d4	40	3.04	8		1	145
			Dimethylphthalate-d6	40	9.54	24		10	145
			Acenaphthylene-d8	40	9.41	24		15	120
			4-Nitrophenol-d4	40	8.07	20		10	150
			Fluorene-d10	40	9.58	24		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.36	18		10	130
			Anthracene-d10	40	9.41	24		10	150
			Pyrene-d10	40	10.19	25		10	130
			Benzo(a)pyrene-d12	40	7.89	20		10	140
P3504-07	DCYA4	BG062483.D	1,4-Dioxane-d8	8	1.89	24		15	120
			Pyridine-d5	40	8.65	22		20	120
			Phenol-d5	40	11.84	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.30	28		10	150
			2-Chlorophenol-d4	40	12.52	31		15	120
			4-Methylphenol-d8	40	11.66	29		10	140
			Nitrobenzene-d5	40	15.59	39		10	135
			2-Nitrophenol-d4	40	16.61	42		10	120
			2,4-Dichlorophenol-d3	40	13.13	33		10	140
			4-Chloroaniline-d4	40	8.68	22		1	145
			Dimethylphthalate-d6	40	12.02	30		10	145
			Acenaphthylene-d8	40	12.21	31		15	120
			4-Nitrophenol-d4	40	10.73	27		10	150
			Fluorene-d10	40	12.43	31		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.96	25		10	130
			Anthracene-d10	40	12.34	31		10	150
			Pyrene-d10	40	13.60	34		10	130
			Benzo(a)pyrene-d12	40	12.96	32		10	140
P3504-08	DCYA9	BG062490.D	1,4-Dioxane-d8	8	2.25	28		15	120
			Pyridine-d5	40	9.29	23		20	120
			Phenol-d5	40	16.87	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.06	38		10	150
			2-Chlorophenol-d4	40	17.65	44		15	120
			4-Methylphenol-d8	40	15.30	38		10	140
			Nitrobenzene-d5	40	20.50	51		10	135
			2-Nitrophenol-d4	40	23.82	60		10	120
			2,4-Dichlorophenol-d3	40	18.84	47		10	140
			4-Chloroaniline-d4	40	4.08	10		1	145
			Dimethylphthalate-d6	40	16.16	40		10	145
			Acenaphthylene-d8	40	17.07	43		15	120
			4-Nitrophenol-d4	40	14.96	37		10	150

Surrogate Summary

SW-846

SDG No.: **BG082024**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3504-08	DCYA9	BG062490.D	Fluorene-d10	40	16.69	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.55	41		10	130
			Anthracene-d10	40	15.94	40		10	150
			Pyrene-d10	40	18.20	46		10	130
			Benzo(a)pyrene-d12	40	17.58	44		10	140
P3504-09	DCYB4	BG062486.D	1,4-Dioxane-d8	8	1.58	20		15	120
			Pyridine-d5	40	8.35	21		20	120
			Phenol-d5	40	12.24	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.96	30		10	150
			2-Chlorophenol-d4	40	13.99	35		15	120
			4-Methylphenol-d8	40	11.31	28		10	140
			Nitrobenzene-d5	40	12.63	32		10	135
			2-Nitrophenol-d4	40	14.10	35		10	120
			2,4-Dichlorophenol-d3	40	11.83	30		10	140
			4-Chloroaniline-d4	40	3.98	10		1	145
			Dimethylphthalate-d6	40	10.68	27		10	145
			Acenaphthylene-d8	40	10.86	27		15	120
			4-Nitrophenol-d4	40	9.28	23		10	150
			Fluorene-d10	40	10.89	27		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.67	19		10	130
			Anthracene-d10	40	11.16	28		10	150
			Pyrene-d10	40	14.29	36		10	130
			Benzo(a)pyrene-d12	40	11.83	30		10	140
			1,4-Dioxane-d8	8	2.10	26		15	120
			Pyridine-d5	40	2.87	7	*	20	120
P3504-10	DCYC8	BG062489.D	Phenol-d5	40	14.21	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.70	32		10	150
			2-Chlorophenol-d4	40	14.63	37		15	120
			4-Methylphenol-d8	40	13.36	33		10	140
			Nitrobenzene-d5	40	16.36	41		10	135
			2-Nitrophenol-d4	40	18.12	45		10	120
			2,4-Dichlorophenol-d3	40	15.42	39		10	140
			4-Chloroaniline-d4	40	6.93	17		1	145
			Dimethylphthalate-d6	40	11.81	30		10	145
			Acenaphthylene-d8	40	13.28	33		15	120
			4-Nitrophenol-d4	40	11.48	29		10	150
			Fluorene-d10	40	13.95	35		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.62	34		10	130
			Anthracene-d10	40	12.34	31		10	150
			Pyrene-d10	40	15.03	38		10	130
			Benzo(a)pyrene-d12	40	14.41	36		10	140
			Pyridine-d5	40	11.09	28		20	120
			1,4-Dioxane-d8	8	2.60	32		15	120
			Phenol-d5	40	16.17	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.26	36		10	150
P3504-11	DCYC9	BG062478.D	2-Chlorophenol-d4	40	17.08	43		15	120
			4-Methylphenol-d8	40	16.01	40		10	140
			Nitrobenzene-d5	40	17.60	44		10	135
			2-Nitrophenol-d4	40	19.93	50		10	120

Surrogate Summary

SW-846

SDG No.: **BG082024**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3504-11	DCYC9	BG062478.D	2,4-Dichlorophenol-d3	40	16.77	42		10	140
			4-Chloroaniline-d4	40	11.29	28		1	145
			Dimethylphthalate-d6	40	15.00	37		10	145
			Acenaphthylene-d8	40	15.48	39		15	120
			4-Nitrophenol-d4	40	13.60	34		10	150
			Fluorene-d10	40	15.35	38		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.41	34		10	130
			Anthracene-d10	40	13.87	35		10	150
			Pyrene-d10	40	15.53	39		10	130
			Benzo(a)pyrene-d12	40	15.59	39		10	140
			Pyridine-d5	40	14.81	37		20	120
			1,4-Dioxane-d8	8	3.54	44		15	120
			Phenol-d5	40	20.38	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.86	47		10	150
P3504-12	DCYD7	BG062475.D	2-Chlorophenol-d4	40	22.17	55		15	120
			4-Methylphenol-d8	40	15.34	38		10	140
			Nitrobenzene-d5	40	25.32	63		10	135
			2-Nitrophenol-d4	40	28.10	70		10	120
			2,4-Dichlorophenol-d3	40	23.52	59		10	140
			4-Chloroaniline-d4	40	4.91	12		1	145
			Dimethylphthalate-d6	40	20.50	51		10	145
			Acenaphthylene-d8	40	21.11	53		15	120
			4-Nitrophenol-d4	40	20.29	51		10	150
			Fluorene-d10	40	20.98	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.53	51		10	130
			Anthracene-d10	40	18.38	46		10	150
			Pyrene-d10	40	21.78	54		10	130
			Benzo(a)pyrene-d12	40	21.40	53		10	140
			Pyridine-d5	40	12.38	31		20	120
			1,4-Dioxane-d8	8	2.71	34		15	120
			Phenol-d5	40	17.73	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.02	40		10	150
P3504-13	DCYI7	BG062480.D	2-Chlorophenol-d4	40	18.63	47		15	120
			4-Methylphenol-d8	40	16.64	42		10	140
			Nitrobenzene-d5	40	23.06	58		10	135
			2-Nitrophenol-d4	40	22.37	56		10	120
			2,4-Dichlorophenol-d3	40	17.76	44		10	140
			4-Chloroaniline-d4	40	7.65	19		1	145
			Dimethylphthalate-d6	40	16.70	42		10	145
			Acenaphthylene-d8	40	17.34	43		15	120
			4-Nitrophenol-d4	40	15.12	38		10	150
			Fluorene-d10	40	17.38	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.92	40		10	130
			Anthracene-d10	40	17.77	44		10	150
			Pyrene-d10	40	18.68	47		10	130
			Benzo(a)pyrene-d12	40	18.72	47		10	140
			1,4-Dioxane-d8	8	2.43	30		15	120
			Pyridine-d5	40	4.37	11	*	20	120
			Phenol-d5	40	15.89	40		10	130
P3504-14	DCYE6	BG062488.D							

Surrogate Summary

SW-846

SDG No.: **BG082024**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3504-14	DCYE6	BG062488.D	Bis(2-Chloroethyl)ether-d8	40	14.57	36		10	150
			2-Chlorophenol-d4	40	16.64	42		15	120
			4-Methylphenol-d8	40	15.25	38		10	140
			Nitrobenzene-d5	40	19.39	48		10	135
			2-Nitrophenol-d4	40	21.73	54		10	120
			2,4-Dichlorophenol-d3	40	17.67	44		10	140
			4-Chloroaniline-d4	40	3.61	9		1	145
			Dimethylphthalate-d6	40	15.77	39		10	145
			Acenaphthylene-d8	40	16.56	41		15	120
			4-Nitrophenol-d4	40	12.77	32		10	150
			Fluorene-d10	40	16.12	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.79	37		10	130
			Anthracene-d10	40	15.37	38		10	150
			Pyrene-d10	40	17.24	43		10	130
			Benzo(a)pyrene-d12	40	16.83	42		10	140
P3504-15	DCYE7	BG062476.D	1,4-Dioxane-d8	8	2.28	29		15	120
			Pyridine-d5	40	1.36	3	*	20	120
			Phenol-d5	40	15.40	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.66	34		10	150
			2-Chlorophenol-d4	40	15.96	40		15	120
			4-Methylphenol-d8	40	15.11	38		10	140
			Nitrobenzene-d5	40	17.78	44		10	135
			2-Nitrophenol-d4	40	20.38	51		10	120
			2,4-Dichlorophenol-d3	40	16.96	42		10	140
			4-Chloroaniline-d4	40	4.25	11		1	145
			Dimethylphthalate-d6	40	14.96	37		10	145
			Acenaphthylene-d8	40	15.41	39		15	120
			4-Nitrophenol-d4	40	13.31	33		10	150
			Fluorene-d10	40	15.31	38		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.71	37		10	130
			Anthracene-d10	40	13.83	35		10	150
			Pyrene-d10	40	16.44	41		10	130
P3504-16	DCYE8	BG062487.D	Benzo(a)pyrene-d12	40	16.06	40		10	140
			1,4-Dioxane-d8	8	3.74	47		15	120
			Pyridine-d5	40	5.62	14	*	20	120
			Phenol-d5	40	26.66	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.56	59		10	150
			2-Chlorophenol-d4	40	27.97	70		15	120
			4-Methylphenol-d8	40	26.33	66		10	140
			Nitrobenzene-d5	40	27.52	69		10	135
			2-Nitrophenol-d4	40	28.78	72		10	120
			2,4-Dichlorophenol-d3	40	24.49	61		10	140
			4-Chloroaniline-d4	40	7.17	18		1	145
			Dimethylphthalate-d6	40	22.62	57		10	145
			Acenaphthylene-d8	40	23.43	59		15	120
			4-Nitrophenol-d4	40	20.75	52		10	150
			Fluorene-d10	40	23.70	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.15	55		10	130
			Anthracene-d10	40	23.70	59		10	150

Surrogate Summary

SW-846

SDG No.: **BG082024**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3504-16	DCYE8	BG062487.D	Pyrene-d10	40	25.52	64		10	130
			Benzo(a)pyrene-d12	40	25.04	63		10	140
P3504-17	DCYF3	BG062484.D	Pyridine-d5	40	8.49	21		20	120
			1,4-Dioxane-d8	8	3.22	40		15	120
			Phenol-d5	40	17.84	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.22	41		10	150
			2-Chlorophenol-d4	40	20.13	50		15	120
			4-Methylphenol-d8	40	18.32	46		10	140
			Nitrobenzene-d5	40	20.31	51		10	135
			2-Nitrophenol-d4	40	23.50	59		10	120
			2,4-Dichlorophenol-d3	40	18.82	47		10	140
			4-Chloroaniline-d4	40	5.85	15		1	145
			Dimethylphthalate-d6	40	17.85	45		10	145
			Acenaphthylene-d8	40	18.34	46		15	120
			4-Nitrophenol-d4	40	16.13	40		10	150
			Fluorene-d10	40	18.36	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.32	41		10	130
			Anthracene-d10	40	18.21	46		10	150
			Pyrene-d10	40	20.07	50		10	130
			Benzo(a)pyrene-d12	40	19.38	48		10	140
P3504-18	DCYF4	BG062491.D	1,4-Dioxane-d8	8	3.16	40		15	120
			Pyridine-d5	40	7.53	19	*	20	120
			Phenol-d5	40	24.67	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.99	52		10	150
			2-Chlorophenol-d4	40	24.73	62		15	120
			4-Methylphenol-d8	40	24.58	61		10	140
			Nitrobenzene-d5	40	28.23	71		10	135
			2-Nitrophenol-d4	40	32.20	81		10	120
			2,4-Dichlorophenol-d3	40	26.42	66		10	140
			4-Chloroaniline-d4	40	29.21	73		1	145
			Dimethylphthalate-d6	40	24.60	62		10	145
			Acenaphthylene-d8	40	24.36	61		15	120
			4-Nitrophenol-d4	40	24.51	61		10	150
			Fluorene-d10	40	24.90	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.15	65		10	130
			Anthracene-d10	40	22.36	56		10	150
			Pyrene-d10	40	32.22	81		10	130
			Benzo(a)pyrene-d12	40	27.18	68		10	140
P3504-19	DCYF5	BG062477.D	1,4-Dioxane-d8	8	2.74	34		15	120
			Pyridine-d5	40	5.87	15	*	20	120
			Phenol-d5	40	19.68	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.38	43		10	150
			2-Chlorophenol-d4	40	19.84	50		15	120
			4-Methylphenol-d8	40	18.92	47		10	140
			Nitrobenzene-d5	40	21.74	54		10	135
			2-Nitrophenol-d4	40	24.76	62		10	120
			2,4-Dichlorophenol-d3	40	21.30	53		10	140
			4-Chloroaniline-d4	40	40.80	102		1	145
			Dimethylphthalate-d6	40	18.84	47		10	145

Surrogate Summary

SW-846

SDG No.: **BG082024**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3504-19	DCYF5	BG062477.D	Acenaphthylene-d8	40	19.60	49		15	120
			4-Nitrophenol-d4	40	18.46	46		10	150
			Fluorene-d10	40	19.51	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.10	48		10	130
			Anthracene-d10	40	18.87	47		10	150
			Pyrene-d10	40	21.45	54		10	130
			Benzo(a)pyrene-d12	40	20.79	52		10	140
P3504-20	DCYF7	BG062485.D	1,4-Dioxane-d8	8	2.50	31		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	17.45	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.24	38		10	150
			2-Chlorophenol-d4	40	17.69	44		15	120
			4-Methylphenol-d8	40	17.73	44		10	140
			Nitrobenzene-d5	40	19.23	48		10	135
			2-Nitrophenol-d4	40	22.44	56		10	120
			2,4-Dichlorophenol-d3	40	18.20	46		10	140
			4-Chloroaniline-d4	40	10.93	27		1	145
			Dimethylphthalate-d6	40	16.64	42		10	145
			Acenaphthylene-d8	40	17.37	43		15	120
			4-Nitrophenol-d4	40	15.09	38		10	150
			Fluorene-d10	40	17.34	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.88	42		10	130
			Anthracene-d10	40	15.67	39		10	150
			Pyrene-d10	40	18.76	47		10	130
			Benzo(a)pyrene-d12	40	17.83	45		10	140
			1,4-Dioxane-d8	8	2.90	36		15	120
			Pyridine-d5	40	5.38	13	*	20	120
			Phenol-d5	40	19.62	49		10	130
P3504-21	DCYA2	BG062492.D	Bis(2-Chloroethyl)ether-d8	40	17.91	45		10	150
			2-Chlorophenol-d4	40	20.94	52		15	120
			4-Methylphenol-d8	40	19.88	50		10	140
			Nitrobenzene-d5	40	26.26	66		10	135
			2-Nitrophenol-d4	40	30.06	75		10	120
			2,4-Dichlorophenol-d3	40	23.96	60		10	140
			4-Chloroaniline-d4	40	23.23	58		1	145
			Dimethylphthalate-d6	40	22.42	56		10	145
			Acenaphthylene-d8	40	22.45	56		15	120
			4-Nitrophenol-d4	40	18.46	46		10	150
			Fluorene-d10	40	19.56	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.13	48		10	130
			Anthracene-d10	40	16.29	41		10	150
			Pyrene-d10	40	21.23	53		10	130
			Benzo(a)pyrene-d12	40	20.39	51		10	140
			1,4-Dioxane-d8	8	3.05	38		15	120
			Pyridine-d5	40	17.56	44		20	120
P3504-22	DCYB6	BG062493.D	Phenol-d5	40	20.13	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.74	47		10	150
			2-Chlorophenol-d4	40	21.64	54		15	120
			4-Methylphenol-d8	40	19.68	49		10	140

Surrogate Summary

SW-846

SDG No.: **BG082024**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3504-22	DCYB6	BG062493.D	Nitrobenzene-d5	40	24.72	62		10	135
			2-Nitrophenol-d4	40	27.79	69		10	120
			2,4-Dichlorophenol-d3	40	21.90	55		10	140
			4-Chloroaniline-d4	40	18.43	46		1	145
			Dimethylphthalate-d6	40	19.53	49		10	145
			Acenaphthylene-d8	40	20.52	51		15	120
			4-Nitrophenol-d4	40	18.53	46		10	150
			Fluorene-d10	40	20.18	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.27	41		10	130
			Anthracene-d10	40	18.35	46		10	150
			Pyrene-d10	40	25.28	63		10	130
			Benzo(a)pyrene-d12	40	21.44	54		10	140
P3504-23	DCYF1	BG062494.D	1,4-Dioxane-d8	8	2.83	35		15	120
			Pyridine-d5	40	6.52	16	*	20	120
			Phenol-d5	40	19.75	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.66	44		10	150
			2-Chlorophenol-d4	40	20.97	52		15	120
			4-Methylphenol-d8	40	19.56	49		10	140
			Nitrobenzene-d5	40	24.20	60		10	135
			2-Nitrophenol-d4	40	27.54	69		10	120
			2,4-Dichlorophenol-d3	40	21.83	55		10	140
			4-Chloroaniline-d4	40	15.26	38		1	145
			Dimethylphthalate-d6	40	18.66	47		10	145
			Acenaphthylene-d8	40	19.72	49		15	120
			4-Nitrophenol-d4	40	18.07	45		10	150
			Fluorene-d10	40	19.27	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.58	49		10	130
			Anthracene-d10	40	18.54	46		10	150
			Pyrene-d10	40	20.45	51		10	130
			Benzo(a)pyrene-d12	40	20.01	50		10	140
P3504-24	DCYF2	BG062472.D	1,4-Dioxane-d8	8	4.14	52		15	120
			Pyridine-d5	40	3.83	10	*	20	120
			Phenol-d5	40	25.86	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.22	58		10	150
			2-Chlorophenol-d4	40	25.72	64		15	120
			4-Methylphenol-d8	40	22.31	56		10	140
			Nitrobenzene-d5	40	28.84	72		10	135
			2-Nitrophenol-d4	40	30.23	76		10	120
			2,4-Dichlorophenol-d3	40	25.35	63		10	140
			4-Chloroaniline-d4	40	5.81	15		1	145
			Dimethylphthalate-d6	40	22.30	56		10	145
			Acenaphthylene-d8	40	22.89	57		15	120
			4-Nitrophenol-d4	40	20.98	52		10	150
			Fluorene-d10	40	22.82	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.53	51		10	130
			Anthracene-d10	40	20.15	50		10	150
			Pyrene-d10	40	23.98	60		10	130
			Benzo(a)pyrene-d12	40	23.66	59		10	140
P3504-25MS	DCYF2MS	BG062473.D	1,4-Dioxane-d8	8	4.39	55		15	120

Surrogate Summary

SW-846

SDG No.: **BG082024**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3504-25MS	DCYF2MS	BG062473.D	Pyridine-d5	40	9.23	23		20	120
			Phenol-d5	40	28.09	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.89	65		10	150
			2-Chlorophenol-d4	40	30.27	76		15	120
			4-Methylphenol-d8	40	24.50	61		10	140
			Nitrobenzene-d5	40	33.35	83		10	135
			2-Nitrophenol-d4	40	37.05	93		10	120
			2,4-Dichlorophenol-d3	40	31.30	78		10	140
			4-Chloroaniline-d4	40	13.53	34		1	145
			Dimethylphthalate-d6	40	26.10	65		10	145
			Acenaphthylene-d8	40	26.89	67		15	120
			4-Nitrophenol-d4	40	26.84	67		10	150
			Fluorene-d10	40	26.37	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	33.19	83		10	130
			Anthracene-d10	40	23.53	59		10	150
			Pyrene-d10	40	27.95	70		10	130
			Benzo(a)pyrene-d12	40	27.15	68		10	140
P3504-26MSD	DCYF2MSD	BG062474.D	1,4-Dioxane-d8	8	3.98	50		15	120
			Pyridine-d5	40	7.99	20		20	120
			Phenol-d5	40	27.11	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.24	63		10	150
			2-Chlorophenol-d4	40	29.27	73		15	120
			4-Methylphenol-d8	40	23.18	58		10	140
			Nitrobenzene-d5	40	32.60	81		10	135
			2-Nitrophenol-d4	40	37.34	93		10	120
			2,4-Dichlorophenol-d3	40	30.42	76		10	140
			4-Chloroaniline-d4	40	13.22	33		1	145
			Dimethylphthalate-d6	40	25.80	64		10	145
			Acenaphthylene-d8	40	26.74	67		15	120
			4-Nitrophenol-d4	40	26.37	66		10	150
			Fluorene-d10	40	25.71	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	32.87	82		10	130
			Anthracene-d10	40	23.58	59		10	150
			Pyrene-d10	40	29.17	73		10	130
			Benzo(a)pyrene-d12	40	26.88	67		10	140
P3504-27	DCYI6	BG062495.D	1,4-Dioxane-d8	8	2.71	34		15	120
			Pyridine-d5	40	14.28	36		20	120
			Phenol-d5	40	19.30	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.07	45		10	150
			2-Chlorophenol-d4	40	20.87	52		15	120
			4-Methylphenol-d8	40	18.26	46		10	140
			Nitrobenzene-d5	40	22.28	56		10	135
			2-Nitrophenol-d4	40	25.56	64		10	120
			2,4-Dichlorophenol-d3	40	21.16	53		10	140
			4-Chloroaniline-d4	40	17.94	45		1	145
			Dimethylphthalate-d6	40	19.34	48		10	145
			Acenaphthylene-d8	40	19.62	49		15	120
			4-Nitrophenol-d4	40	17.03	43		10	150
			Fluorene-d10	40	19.63	49		20	140

Surrogate Summary

SW-846

SDG No.: **BG082024**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3504-27	DCYI6	BG062495.D	4,6-Dinitro-2-methylphenol-d2	40	18.74	47		10	130
			Anthracene-d10	40	19.70	49		10	150
			Pyrene-d10	40	21.18	53		10	130
			Benzo(a)pyrene-d12	40	20.79	52		10	140
PB162773BL	PB162773BL	BG062471.D	Pyridine-d5	40	27.92	70		20	120
			1,4-Dioxane-d8	8	5.70	71		15	120
		BG062482.D	Pyridine-d5	40	21.88	55		20	120
			1,4-Dioxane-d8	8	4.36	55		15	120
		BG062471.D	Phenol-d5	40	27.96	70		10	130
			Phenol-d5	40	26.77	67		10	130
		BG062482.D	Bis(2-Chloroethyl)ether-d8	40	25.69	64		10	150
			Bis(2-Chloroethyl)ether-d8	40	26.14	65		10	150
		BG062471.D	2-Chlorophenol-d4	40	29.28	73		15	120
			2-Chlorophenol-d4	40	27.59	69		15	120
		BG062482.D	4-Methylphenol-d8	40	26.42	66		10	140
			4-Methylphenol-d8	40	27.27	68		10	140
		BG062471.D	Nitrobenzene-d5	40	33.98	85		10	135
			Nitrobenzene-d5	40	32.69	82		10	135
		BG062482.D	2-Nitrophenol-d4	40	36.63	92		10	120
			2-Nitrophenol-d4	40	37.25	93		10	120
		BG062471.D	2,4-Dichlorophenol-d3	40	29.26	73		10	140
			2,4-Dichlorophenol-d3	40	29.51	74		10	140
		BG062482.D	4-Chloroaniline-d4	40	24.48	61		1	145
			4-Chloroaniline-d4	40	24.22	61		1	145
		BG062471.D	Dimethylphthalate-d6	40	26.63	67		10	145
			Dimethylphthalate-d6	40	26.95	67		10	145
		BG062482.D	Acenaphthylene-d8	40	26.86	67		15	120
			Acenaphthylene-d8	40	27.01	68		15	120
		BG062471.D	4-Nitrophenol-d4	40	26.34	66		10	150
			4-Nitrophenol-d4	40	28.25	71		10	150
		BG062482.D	Fluorene-d10	40	28.02	70		20	140
			Fluorene-d10	40	26.92	67		20	140
		BG062471.D	4,6-Dinitro-2-methylphenol-d2	40	27.68	69		10	130
			4,6-Dinitro-2-methylphenol-d2	40	27.68	69		10	130
		BG062482.D	Anthracene-d10	40	28.52	71		10	150
			Anthracene-d10	40	27.66	69		10	150
		BG062471.D	Pyrene-d10	40	29.28	73		10	130
			Pyrene-d10	40	29.52	74		10	130
		BG062482.D	Benzo(a)pyrene-d12	40	28.24	71		10	140
			Benzo(a)pyrene-d12	40	27.99	70		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG082024

Lab Code: CHEM

SAS No.: BG082024 SDG NO.: BG082024

Lab File ID: BG062469.D

DFTPP Injection Date: 08/20/2024

Instrument ID: BNA_G

DFTPP Injection Time: 09:07

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.7
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	32.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	39
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	27.5
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	67
443	15.0 - 24.0% of mass 442	13.9 (20.7) 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
SSTD020463	SSTDCCC020	BG062470.D	08/20/2024	09:47
SBLK773	PB162773BL	BG062471.D	08/20/2024	10:27
DCYF2	P3504-24	BG062472.D	08/20/2024	11:07
DCYF2MS	P3504-25MS	BG062473.D	08/20/2024	11:47
DCYF2MSD	P3504-26MSD	BG062474.D	08/20/2024	12:27
DCYD7	P3504-12	BG062475.D	08/20/2024	13:08
DCYE7	P3504-15	BG062476.D	08/20/2024	13:49
DCYF5	P3504-19	BG062477.D	08/20/2024	14:30
DCYC9	P3504-11	BG062478.D	08/20/2024	15:11
DCYA3	P3504-06	BG062479.D	08/20/2024	15:52
DCYI7	P3504-13	BG062480.D	08/20/2024	16:33
SSTD020464	SSTDCCC020	BG062481.D	08/20/2024	17:57
SBLK773	PB162773BL	BG062482.D	08/20/2024	18:38
DCYA4	P3504-07	BG062483.D	08/20/2024	19:19
DCYF3	P3504-17	BG062484.D	08/20/2024	20:00
DCYF7	P3504-20	BG062485.D	08/20/2024	20:40
DCYB4	P3504-09	BG062486.D	08/20/2024	21:21
DCYE8	P3504-16	BG062487.D	08/20/2024	22:02

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG082024

Lab Code: CHEM

SAS No.: BG082024 SDG NO.: BG082024

Lab File ID: BG062469.D

DFTPP Injection Date: 08/20/2024

Instrument ID: BNA_G

DFTPP Injection Time: 09:07

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.7
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	32.3
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	39
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	27.5
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	11.5
442	Greater than 50% of mass 198	67
443	15.0 - 24.0% of mass 442	13.9 (20.7) 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
DCYE6	P3504-14	BG062488.D	08/20/2024	22:42
DCYC8	P3504-10	BG062489.D	08/20/2024	23:23
DCYA9	P3504-08	BG062490.D	08/21/2024	00:04
DCYF4	P3504-18	BG062491.D	08/21/2024	00:44
DCYA2	P3504-21	BG062492.D	08/21/2024	01:25
DCYB6	P3504-22	BG062493.D	08/21/2024	02:05
DCYF1	P3504-23	BG062494.D	08/21/2024	02:46
DCYI6	P3504-27	BG062495.D	08/21/2024	03:26
SSTD020465	SSTDCCC020EC	BG062496.D	08/21/2024	04:47
SP	SP	BG062497.D	08/21/2024	05:28
SP	SP	BG062498.D	08/21/2024	06:08