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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG082224 SAS No.: BG082224 SDG No.: BG082224

Instrument ID: BNA_G Calibration Date/Time: 8/22/2024 12 11:59

Lab File ID: BG062536.D Init. Calib. Date(s):

EPA Sample No.: SSTD020470 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	0.596	0.010	6.0786	40.0
Benzaldehyde	1.031	1.174	0.010	13.7773	40.0
Pyridine	1.689	1.496	0.010	-11.3994	40.0
Phenol	2.088	2.007	0.080	-3.8734	20.0
Bis(2-Chloroethyl)ether	1.545	1.441	0.100	-6.6978	20.0
2-Chlorophenol	1.406	1.449	0.200	3.0938	20.0
2-Methylphenol	1.571	1.542	0.010	-1.8734	20.0
2,2-oxybis(1-Chloropropane)	3.189	2.958	0.010	-7.2252	40.0
Acetophenone	2.732	2.484	0.060	-9.0935	20.0
4-Methylphenol	1.799	1.707	0.010	-5.1574	20.0
N-Nitroso-di-n-propylamine	1.442	1.329	0.050	-7.8472	30.0
Hexachloroethane	0.559	0.533	0.100	-4.6674	20.0
Nitrobenzene	0.362	0.378	0.050	4.2046	25.0
Isophorone	0.856	0.781	0.050	-8.7029	25.0
2-Nitrophenol	0.143	0.173	0.050	21.5503	25.0
2,4-Dimethylphenol	0.389	0.360	0.050	-7.4379	25.0
Bis(2-Chloroethoxy)methane	0.476	0.447	0.050	-5.9825	20.0
2,4-Dichlorophenol	0.334	0.344	0.060	3.0588	20.0
Naphthalene	1.160	1.075	0.200	-7.3618	20.0
4-Chloroaniline	0.501	0.455	0.010	-9.1719	40.0
Hexachlorobutadiene	0.254	0.228	0.040	-10.1003	30.0
Caprolactam	0.135	0.148	0.010	9.6145	40.0
4-Chloro-3-methylphenol	0.390	0.407	0.040	4.325	25.0
1-Methylnaphthalene	0.836	0.796	0.100	-4.7291	20.0
2-Methylnaphthalene	0.819	0.781	0.100	-4.662	20.0
Hexachlorocyclopentadiene	0.342	0.439	0.010	28.334	40.0
2,4,6-Trichlorophenol	0.384	0.407	0.090	5.931	25.0
2,4,5-Trichlorophenol	0.403	0.434	0.100	7.718	25.0
1,1-Biphenyl	1.515	1.381	0.200	-8.8419	20.0
2-Chloronaphthalene	1.172	1.082	0.300	-7.7525	20.0
2-Nitroaniline	0.304	0.342	0.050	12.6412	40.0
Dimethylphthalate	1.577	1.439	0.300	-8.7558	20.0
2,6-Dinitrotoluene	0.225	0.257	0.080	14.2976	30.0
Acenaphthylene	1.844	1.695	0.400	-8.0747	20.0
3-Nitroaniline	0.257	0.276	0.010	7.4866	40.0
Acenaphthene	1.380	1.290	0.200	-6.5192	20.0
2,4-Dinitrophenol	0.142	0.148	0.010	3.9146	40.0
4-Nitrophenol	0.213	0.213	0.010	-0.1235	40.0
Dibenzofuran	1.942	1.825	0.300	-5.9942	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG082224 SAS No.: BG082224 SDG No.: BG082224

Instrument ID: BNA_G Calibration Date/Time: 8/22/2024 12 11:59

Lab File ID: BG062536.D Init. Calib. Date(s):

EPA Sample No.: SSTD020470 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	0.390	0.070	13.618	30.0
Diethylphthalate	1.574	1.499	0.300	-4.7415	20.0
Fluorene	1.530	1.402	0.200	-8.4113	20.0
4-Chlorophenyl-phenylether	0.786	0.729	0.100	-7.2882	20.0
4-Nitroaniline	0.268	0.275	0.010	2.3482	40.0
4,6-Dinitro-2-methylphenol	0.102	0.109	0.010	6.7238	40.0
N-Nitrosodiphenylamine	0.580	0.566	0.050	-2.3918	20.0
1,2,4,5-Tetrachlorobenzene	0.668	0.604	0.100	-9.4904	20.0
4-Bromophenyl-phenylether	0.224	0.221	0.070	-1.6532	20.0
Hexachlorobenzene	0.262	0.250	0.050	-4.2763	25.0
Atrazine	0.242	0.227	0.010	-6.2128	25.0
Pentachlorophenol	0.153	0.154	0.010	1.0716	40.0
Phenanthrene	1.124	1.015	0.200	-9.6623	20.0
Pentachlorobenzene	0.300	0.290	0.050	-3.2939	20.0
Anthracene	1.151	1.050	0.200	-8.8207	20.0
1,2,3,4-Tetrachlorobenzene	0.286	0.277	0.050	-2.9459	20.0
Carbazole	0.967	0.853	0.050	-11.8083	40.0
Di-n-butylphthalate	1.157	1.061	0.500	-8.2991	25.0
Fluoranthene	1.309	1.325	0.400	1.2444	25.0
Pyrene	1.410	1.396	0.400	-1.051	25.0
Butylbenzylphthalate	0.475	0.498	0.100	4.8696	40.0
3,3-Dichlorobenzidine	0.437	0.437	0.010	0.1061	40.0
Benzo(a)anthracene	1.452	1.369	0.300	-5.6777	30.0
Chrysene	1.376	1.287	0.200	-6.5077	30.0
Bis(2-ethylhexyl)phthalate	0.694	0.727	0.200	4.7092	40.0
Di-n-octyl phthalate	1.067	1.083	0.010	1.4981	40.0
Benzo(b)fluoranthene	1.208	1.135	0.200	-6.033	25.0
Benzo(k)fluoranthene	1.220	1.149	0.200	-5.8126	25.0
Benzo(a)pyrene	1.139	1.074	0.200	-5.7477	20.0
Indeno(1,2,3-cd)pyrene	1.448	1.391	0.200	-3.9071	25.0
Dibenzo(a,h)anthracene	1.173	1.128	0.200	-3.8374	30.0
Benzo(g,h,i)perylene	1.113	1.064	0.200	-4.4137	30.0
2,3,4,6-Tetrachlorophenol	0.388	0.419	0.040	8.143	20.0
1,4-Dioxane-d8	0.527	0.452	0.010	-14.2	25.0
Pyridine-d5	1.605	1.395	0.010	-13.1244	40.0
Phenol-d5	1.990	1.901	0.010	-4.4521	25.0
Bis-(2-Chloroethyl)ether-d8	1.253	1.171	0.050	-6.5653	25.0
2-Chlorophenol-d4	1.359	1.350	0.200	-0.7044	20.0
4-Methylphenol-d8	1.668	1.541	0.010	-7.5923	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG082224 SAS No.: BG082224 SDG No.: BG082224

Instrument ID: BNA_G Calibration Date/Time: 8/22/2024 12 11:59

Lab File ID: BG062536.D Init. Calib. Date(s):

EPA Sample No.: SSTD020470 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.128	0.145	0.050	12.9578	20.0
2-Nitrophenol-d4	0.128	0.153	0.050	20.2698	30.0
2,4-Dichlorophenol-d3	0.325	0.347	0.060	6.919	20.0
4-Chloroaniline-d4	0.515	0.467	0.010	-9.4062	40.0
Dimethylphthalate-d6	1.556	1.426	0.300	-8.3592	20.0
Acenaphthylene-d8	1.723	1.591	0.400	-7.6282	20.0
4-Nitrophenol-d4	0.248	0.244	0.010	-1.6248	40.0
Fluorene-d10	1.403	1.329	0.100	-5.2728	20.0
4,6-Dinitro-2-methylphenol-d2	0.091	0.096	0.010	5.5549	40.0
Anthracene-d10	0.961	0.894	0.300	-6.9357	20.0
Pyrene-d10	1.171	1.155	0.300	-1.3743	25.0
Benzo(a)pyrene-d12	1.061	1.002	0.010	-5.6152	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.: BG082224 SAS No.: BG082224 SDG No.: BG082224

Instrument ID: BNA_G Calibration Date/Time: 8/22/2024 12 18:06

Lab File ID: BG062544.D Init. Calib. Date(s):

EPA Sample No.: SSTD040471 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	0.613	0.010	8.9323	40.0
Benzaldehyde	1.031	1.117	0.010	8.2648	40.0
Pyridine	1.689	1.558	0.010	-7.7648	40.0
Phenol	2.088	1.961	0.080	-6.0515	20.0
Bis(2-Chloroethyl)ether	1.545	1.363	0.100	-11.7613	20.0
2-Chlorophenol	1.406	1.406	0.200	-0.0229	20.0
2-Methylphenol	1.571	1.462	0.010	-6.9582	20.0
2,2-oxybis(1-Chloropropane)	3.189	2.910	0.010	-8.7238	40.0
Acetophenone	2.732	2.399	0.060	-12.1791	20.0
4-Methylphenol	1.799	1.660	0.010	-7.7347	20.0
N-Nitroso-di-n-propylamine	1.442	1.223	0.050	-15.1889	30.0
Hexachloroethane	0.559	0.552	0.100	-1.2819	20.0
Nitrobenzene	0.362	0.404	0.050	11.6338	25.0
Isophorone	0.856	0.759	0.050	-11.2822	25.0
2-Nitrophenol	0.143	0.185	0.050	30.0032	25.0
2,4-Dimethylphenol	0.389	0.380	0.050	-2.259	25.0
Bis(2-Chloroethoxy)methane	0.476	0.433	0.050	-8.9331	20.0
2,4-Dichlorophenol	0.334	0.349	0.060	4.5166	20.0
Naphthalene	1.160	1.095	0.200	-5.5739	20.0
4-Chloroaniline	0.501	0.451	0.010	-10.0358	40.0
Hexachlorobutadiene	0.254	0.241	0.040	-4.896	30.0
Caprolactam	0.135	0.141	0.010	4.7859	40.0
4-Chloro-3-methylphenol	0.390	0.407	0.040	4.139	25.0
1-Methylnaphthalene	0.836	0.774	0.100	-7.4486	20.0
2-Methylnaphthalene	0.819	0.765	0.100	-6.6372	20.0
Hexachlorocyclopentadiene	0.342	0.426	0.010	24.4815	40.0
2,4,6-Trichlorophenol	0.384	0.400	0.090	3.9974	25.0
2,4,5-Trichlorophenol	0.403	0.448	0.100	10.9671	25.0
1,1-Biphenyl	1.515	1.372	0.200	-9.4206	20.0
2-Chloronaphthalene	1.172	1.086	0.300	-7.3741	20.0
2-Nitroaniline	0.304	0.365	0.050	20.1185	40.0
Dimethylphthalate	1.577	1.405	0.300	-10.905	20.0
2,6-Dinitrotoluene	0.225	0.273	0.080	21.2504	30.0
Acenaphthylene	1.844	1.697	0.400	-8.0065	20.0
3-Nitroaniline	0.257	0.286	0.010	11.5993	40.0
Acenaphthene	1.380	1.265	0.200	-8.3691	20.0
2,4-Dinitrophenol	0.142	0.175	0.010	23.2142	40.0
4-Nitrophenol	0.213	0.213	0.010	-0.1017	40.0
Dibenzofuran	1.942	1.798	0.300	-7.402	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG082224 SAS No.: BG082224 SDG No.: BG082224

Instrument ID: BNA_G Calibration Date/Time: 8/22/2024 12 18:06

Lab File ID: BG062544.D Init. Calib. Date(s):

EPA Sample No.: SSTD040471 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	0.420	0.070	22.3419	30.0
Diethylphthalate	1.574	1.451	0.300	-7.8385	20.0
Fluorene	1.530	1.409	0.200	-7.9356	20.0
4-Chlorophenyl-phenylether	0.786	0.718	0.100	-8.6635	20.0
4-Nitroaniline	0.268	0.282	0.010	5.1541	40.0
4,6-Dinitro-2-methylphenol	0.102	0.120	0.010	17.0512	40.0
N-Nitrosodiphenylamine	0.580	0.550	0.050	-5.0714	20.0
1,2,4,5-Tetrachlorobenzene	0.668	0.616	0.100	-7.7914	20.0
4-Bromophenyl-phenylether	0.224	0.219	0.070	-2.5766	20.0
Hexachlorobenzene	0.262	0.252	0.050	-3.6437	25.0
Atrazine	0.242	0.224	0.010	-7.4229	25.0
Pentachlorophenol	0.153	0.158	0.010	3.2313	40.0
Phenanthrene	1.124	1.032	0.200	-8.1559	20.0
Pentachlorobenzene	0.300	0.283	0.050	-5.6795	20.0
Anthracene	1.151	1.062	0.200	-7.779	20.0
1,2,3,4-Tetrachlorobenzene	0.286	0.275	0.050	-3.7899	20.0
Carbazole	0.967	0.858	0.050	-11.3058	40.0
Di-n-butylphthalate	1.157	1.099	0.500	-4.9807	25.0
Fluoranthene	1.309	1.310	0.400	0.1187	25.0
Pyrene	1.410	1.365	0.400	-3.2369	25.0
Butylbenzylphthalate	0.475	0.498	0.100	4.8585	40.0
3,3-Dichlorobenzidine	0.437	0.430	0.010	-1.6022	40.0
Benzo(a)anthracene	1.452	1.364	0.300	-6.043	30.0
Chrysene	1.376	1.248	0.200	-9.3236	30.0
Bis(2-ethylhexyl)phthalate	0.694	0.703	0.200	1.2689	40.0
Di-n-octyl phthalate	1.067	1.054	0.010	-1.1782	40.0
Benzo(b)fluoranthene	1.208	1.106	0.200	-8.4575	25.0
Benzo(k)fluoranthene	1.220	1.103	0.200	-9.5741	25.0
Benzo(a)pyrene	1.139	1.036	0.200	-9.0803	20.0
Indeno(1,2,3-cd)pyrene	1.448	1.334	0.200	-7.884	25.0
Dibenzo(a,h)anthracene	1.173	1.088	0.200	-7.3188	30.0
Benzo(g,h,i)perylene	1.113	1.025	0.200	-7.9732	30.0
2,3,4,6-Tetrachlorophenol	0.388	0.417	0.040	7.5633	20.0
1,4-Dioxane-d8	0.527	0.487	0.010	-7.4773	25.0
Pyridine-d5	1.605	1.470	0.010	-8.4283	40.0
Phenol-d5	1.990	1.854	0.010	-6.8211	25.0
Bis-(2-Chloroethyl)ether-d8	1.253	1.108	0.050	-11.5582	25.0
2-Chlorophenol-d4	1.359	1.371	0.200	0.8812	20.0
4-Methylphenol-d8	1.668	1.538	0.010	-7.7614	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG082224 SAS No.: BG082224 SDG No.: BG082224

Instrument ID: BNA_G Calibration Date/Time: 8/22/2024 12 18:06

Lab File ID: BG062544.D Init. Calib. Date(s):

EPA Sample No.: SSTD040471 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.128	0.150	0.050	17.29	20.0
2-Nitrophenol-d4	0.128	0.172	0.050	34.8934	30.0
2,4-Dichlorophenol-d3	0.325	0.342	0.060	5.3258	20.0
4-Chloroaniline-d4	0.515	0.468	0.010	-9.2523	40.0
Dimethylphthalate-d6	1.556	1.384	0.300	-11.0508	20.0
Acenaphthylene-d8	1.723	1.566	0.400	-9.1024	20.0
4-Nitrophenol-d4	0.248	0.252	0.010	1.6575	40.0
Fluorene-d10	1.403	1.310	0.100	-6.6367	20.0
4,6-Dinitro-2-methylphenol-d2	0.091	0.108	0.010	19.2774	40.0
Anthracene-d10	0.961	0.898	0.300	-6.5115	20.0
Pyrene-d10	1.171	1.142	0.300	-2.5289	25.0
Benzo(a)pyrene-d12	1.061	0.982	0.010	-7.4955	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.: BG082224 SAS No.: BG082224 SDG No.: BG082224

Instrument ID: BNA_G Calibration Date/Time: 8/23/2024 12 04:54

Lab File ID: BG062559.D Init. Calib. Date(s):

EPA Sample No.: SSTD040472 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	0.598	0.010	6.3778	50.0
Benzaldehyde	1.031	1.150	0.010	11.4574	50.0
Pyridine	1.689	1.587	0.010	-6.0206	50.0
Phenol	2.088	1.973	0.080	-5.5007	50.0
Bis(2-Chloroethyl)ether	1.545	1.419	0.100	-8.1489	50.0
2-Chlorophenol	1.406	1.439	0.200	2.3483	50.0
2-Methylphenol	1.571	1.531	0.010	-2.5549	50.0
2,2-oxybis(1-Chloropropane)	3.189	3.029	0.010	-4.9909	50.0
Acetophenone	2.732	2.414	0.060	-11.631	50.0
4-Methylphenol	1.799	1.716	0.010	-4.6428	50.0
N-Nitroso-di-n-propylamine	1.442	1.289	0.050	-10.6195	50.0
Hexachloroethane	0.559	0.576	0.100	2.9233	50.0
Nitrobenzene	0.362	0.409	0.050	12.8055	50.0
Isophorone	0.856	0.772	0.050	-9.7692	50.0
2-Nitrophenol	0.143	0.195	0.050	36.7134	50.0
2,4-Dimethylphenol	0.389	0.377	0.050	-2.9696	50.0
Bis(2-Chloroethoxy)methane	0.476	0.453	0.050	-4.7534	50.0
2,4-Dichlorophenol	0.334	0.360	0.060	7.8749	50.0
Naphthalene	1.160	1.121	0.200	-3.3387	50.0
4-Chloroaniline	0.501	0.450	0.010	-10.137	50.0
Hexachlorobutadiene	0.254	0.252	0.040	-0.4785	50.0
Caprolactam	0.135	0.127	0.010	-5.2811	50.0
4-Chloro-3-methylphenol	0.390	0.402	0.040	3.0239	50.0
1-Methylnaphthalene	0.836	0.789	0.100	-5.6166	50.0
2-Methylnaphthalene	0.819	0.780	0.100	-4.8208	50.0
Hexachlorocyclopentadiene	0.342	0.409	0.010	19.5269	50.0
2,4,6-Trichlorophenol	0.384	0.423	0.090	10.188	50.0
2,4,5-Trichlorophenol	0.403	0.450	0.100	11.4604	50.0
1,1-Biphenyl	1.515	1.462	0.200	-3.5192	50.0
2-Chloronaphthalene	1.172	1.141	0.300	-2.6874	50.0
2-Nitroaniline	0.304	0.377	0.050	24.1603	50.0
Dimethylphthalate	1.577	1.439	0.300	-8.775	50.0
2,6-Dinitrotoluene	0.225	0.282	0.080	25.1048	50.0
Acenaphthylene	1.844	1.739	0.400	-5.7237	50.0
3-Nitroaniline	0.257	0.292	0.010	13.6688	50.0
Acenaphthene	1.380	1.302	0.200	-5.6594	50.0
2,4-Dinitrophenol	0.142	0.176	0.010	23.7827	50.0
4-Nitrophenol	0.213	0.204	0.010	-4.3125	50.0
Dibenzofuran	1.942	1.832	0.300	-5.6666	50.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG082224 SAS No.: BG082224 SDG No.: BG082224

Instrument ID: BNA_G Calibration Date/Time: 8/23/2024 12 04:54

Lab File ID: BG062559.D Init. Calib. Date(s):

EPA Sample No.: SSTD040472 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	0.423	0.070	23.4055	50.0
Diethylphthalate	1.574	1.438	0.300	-8.6238	50.0
Fluorene	1.530	1.397	0.200	-8.7014	50.0
4-Chlorophenyl-phenylether	0.786	0.736	0.100	-6.4306	50.0
4-Nitroaniline	0.268	0.278	0.010	3.5667	50.0
4,6-Dinitro-2-methylphenol	0.102	0.128	0.010	25.3893	50.0
N-Nitrosodiphenylamine	0.580	0.589	0.050	1.5772	50.0
1,2,4,5-Tetrachlorobenzene	0.668	0.658	0.100	-1.4438	50.0
4-Bromophenyl-phenylether	0.224	0.235	0.070	4.702	50.0
Hexachlorobenzene	0.262	0.263	0.050	0.6408	50.0
Atrazine	0.242	0.234	0.010	-3.184	50.0
Pentachlorophenol	0.153	0.160	0.010	5.1271	50.0
Phenanthrene	1.124	1.058	0.200	-5.8576	50.0
Pentachlorobenzene	0.300	0.310	0.050	3.2001	50.0
Anthracene	1.151	1.088	0.200	-5.4738	50.0
1,2,3,4-Tetrachlorobenzene	0.286	0.314	0.050	9.9746	50.0
Carbazole	0.967	0.876	0.050	-9.4416	50.0
Di-n-butylphthalate	1.157	1.128	0.500	-2.5346	50.0
Fluoranthene	1.309	1.310	0.400	0.1007	50.0
Pyrene	1.410	1.391	0.400	-1.349	50.0
Butylbenzylphthalate	0.475	0.517	0.100	8.8418	50.0
3,3-Dichlorobenzidine	0.437	0.449	0.010	2.8861	50.0
Benzo(a)anthracene	1.452	1.391	0.300	-4.1508	50.0
Chrysene	1.376	1.295	0.200	-5.9021	50.0
Bis(2-ethylhexyl)phthalate	0.694	0.742	0.200	6.9167	50.0
Di-n-octyl phthalate	1.067	1.131	0.010	6.0672	50.0
Benzo(b)fluoranthene	1.208	1.142	0.200	-5.5049	50.0
Benzo(k)fluoranthene	1.220	1.185	0.200	-2.8188	50.0
Benzo(a)pyrene	1.139	1.084	0.200	-4.8113	50.0
Indeno(1,2,3-cd)pyrene	1.448	1.361	0.200	-5.9876	50.0
Dibenzo(a,h)anthracene	1.173	1.096	0.200	-6.5927	50.0
Benzo(g,h,i)perylene	1.113	1.061	0.200	-4.7318	50.0
2,3,4,6-Tetrachlorophenol	0.388	0.415	0.040	7.0046	50.0
1,4-Dioxane-d8	0.527	0.505	0.010	-4.1972	50.0
Pyridine-d5	1.605	1.519	0.010	-5.355	50.0
Phenol-d5	1.990	1.890	0.010	-5.0088	50.0
Bis-(2-Chloroethyl)ether-d8	1.253	1.132	0.050	-9.7005	50.0
2-Chlorophenol-d4	1.359	1.406	0.200	3.434	50.0
4-Methylphenol-d8	1.668	1.601	0.010	-4.0052	50.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG082224 SAS No.: BG082224 SDG No.: BG082224

Instrument ID: BNA_G Calibration Date/Time: 8/23/2024 12 04:54

Lab File ID: BG062559.D Init. Calib. Date(s):

EPA Sample No.: SSTD040472 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.128	0.157	0.050	22.1768	50.0
2-Nitrophenol-d4	0.128	0.179	0.050	40.3995	50.0
2,4-Dichlorophenol-d3	0.325	0.358	0.060	10.2922	50.0
4-Chloroaniline-d4	0.515	0.465	0.010	-9.7927	50.0
Dimethylphthalate-d6	1.556	1.433	0.300	-7.8976	50.0
Acenaphthylene-d8	1.723	1.631	0.400	-5.3165	50.0
4-Nitrophenol-d4	0.248	0.241	0.010	-3.0698	50.0
Fluorene-d10	1.403	1.307	0.100	-6.8741	50.0
4,6-Dinitro-2-methylphenol-d2	0.091	0.116	0.010	28.0348	50.0
Anthracene-d10	0.961	0.913	0.300	-4.9904	50.0
Pyrene-d10	1.171	1.171	0.300	-0.0488	50.0
Benzo(a)pyrene-d12	1.061	1.007	0.010	-5.1696	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	8/21/2024 12:00:00 AM
Project:				Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	SBLK898			SDG No.:	BG082224
Lab Sample ID:	PB162898BL			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
BG062537.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

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

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Report of Analysis

Client:				Date Collected:	8/21/2024 12:00:00 AM
Project:				Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	SBLK898			SDG No.:	BG082224
Lab Sample ID:	PB162898BL			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
BG062537.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

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

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Report of Analysis

Client:				Date Collected:	8/21/2024 12:00:00 AM
Project:				Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	SBLK898			SDG No.:	BG082224
Lab Sample ID:	PB162898BL			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
BG062537.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

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	6.128		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	28.913		20-120		72	SPK: -40
4165-62-2	Phenol-d5	26.814		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.571		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.298		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	26.482		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	30.917		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.501		10-120		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.284		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.331		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.638		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	25.39		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.499		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	27.041		20-140		68	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/21/2024 12:00:00 AM
Project:				Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	SBLK898			SDG No.:	BG082224
Lab Sample ID:	PB162898BL			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
BG062537.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.396		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	28.372		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	30.473		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.353		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41991	7.934				
1146-65-2	Naphthalene-d8	203525	10.731				
15067-26-2	Acenaphthene-d10	168130	14.561				
1517-22-2	Phenanthrene-d10	402999	17.304				
1719-03-5	Chrysene-d12	355210	21.551				
1520-96-3	Perylene-d12	401826	24.641				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/21/2024 12:00:00 AM
Project:				Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	SLCS898			SDG No.:	BG082224
Lab Sample ID:	PB162898BS			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
BG062538.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	360		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	860		58	82.5	330	ug/Kg
110-86-1	Pyridine	910		77	170	330	ug/Kg
108-95-2	Phenol	970		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	910		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1000		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	970		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	960		40	82.5	330	ug/Kg
98-86-2	Acetophenone	900		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	920		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	920		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1100		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1100		64	42.5	170	ug/Kg
78-59-1	Isophorone	940		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1300		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	810		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1000		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		38	42.5	170	ug/Kg
91-20-3	Naphthalene	980		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	770		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	980		35	42.5	170	ug/Kg
105-60-2	Caprolactam	1000		64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	990		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	960		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	760		97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	900		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000		33	42.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/21/2024 12:00:00 AM
Project:				Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	SLCS898			SDG No.:	BG082224
Lab Sample ID:	PB162898BS			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
BG062538.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	920		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	930		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1200		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	950		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	990		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1200		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	910		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	1200		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1100		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	980		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1000		33	42.5	170	ug/Kg
86-73-7	Fluorene	980		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	990		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1200		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1000		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	890		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	970		28	42.5	170	ug/Kg
1912-24-9	Atrazine	49	J	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	780		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	960		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	900		37	42.5	170	ug/Kg
120-12-7	Anthracene	980		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	920		17	42.5	170	ug/Kg
86-74-8	Carbazole	1000		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1000		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	1100		19	82.5	170	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/21/2024 12:00:00 AM
Project:				Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	SLCS898			SDG No.:	BG082224
Lab Sample ID:	PB162898BS			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
BG062538.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1100		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1000		23	42.5	170	ug/Kg
218-01-9	Chrysene	1000		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	990		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	870		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.284		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	26.907		20-120		67	SPK: -40
4165-62-2	Phenol-d5	29.553		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.54		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.297		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	28.711		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	35.544		10-135		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.349		10-120		101	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.072		10-140		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.718		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.613		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	27.775		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.584		10-150		84	SPK: -40
81103-79-9	Fluorene-d10	30.085		20-140		75	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/21/2024 12:00:00 AM
Project:				Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	SLCS898			SDG No.:	BG082224
Lab Sample ID:	PB162898BS			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
BG062538.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	37.165		10-130		93	SPK: -40
1719-06-8	Anthracene-d10	28.981		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	32.299		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.785		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50115	7.942				
1146-65-2	Naphthalene-d8	230173	10.733				
15067-26-2	Acenaphthene-d10	190307	14.563				
1517-22-2	Phenanthrene-d10	452428	17.306				
1719-03-5	Chrysene-d12	391709	21.559				
1520-96-3	Perylene-d12	428913	24.643				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

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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:	DCXY7			SDG No.:	BG082224
Lab Sample ID:	P3673-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	7.2
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
BG062539.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7.1	72	ug/Kg
100-52-7	Benzaldehyde	63	U	63	88.9	360	ug/Kg
110-86-1	Pyridine	83	U	83	180	360	ug/Kg
108-95-2	Phenol	32	U	32	88.9	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	88.9	360	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.8	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	88.9	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	88.9	360	ug/Kg
98-86-2	Acetophenone	71	U	71	88.9	360	ug/Kg
106-44-5	4-Methylphenol	57	U	57	88.9	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	85	U	85	45.8	180	ug/Kg
67-72-1	Hexachloroethane	66	U	66	45.8	180	ug/Kg
98-95-3	Nitrobenzene	69	U	69	45.8	180	ug/Kg
78-59-1	Isophorone	71	U	71	45.8	180	ug/Kg
88-75-5	2-Nitrophenol	65	U	65	45.8	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	45.8	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	45.8	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	45.8	180	ug/Kg
91-20-3	Naphthalene	26	U	26	45.8	180	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	45.8	360	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	45.8	180	ug/Kg
105-60-2	Caprolactam	69	U	69	88.9	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	45.8	180	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	45.8	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	45.8	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	88.9	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	45.8	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	45.8	180	ug/Kg

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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:	DCXY7			SDG No.:	BG082224
Lab Sample ID:	P3673-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	7.2
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
BG062539.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45.8	180	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	45.8	180	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	45.8	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.8	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	45.8	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.8	180	ug/Kg
99-09-2	3-Nitroaniline	71	U	71	88.9	360	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.8	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	88.9	360	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	88.9	360	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.8	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	45.8	180	ug/Kg
84-66-2	Diethylphthalate	36	U	36	45.8	180	ug/Kg
86-73-7	Fluorene	29	U	29	45.8	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	45.8	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	88.9	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	88.9	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	45.8	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	45.8	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.8	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.8	180	ug/Kg
1912-24-9	Atrazine	30	U	30	88.9	360	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	88.9	360	ug/Kg
85-01-8	Phenanthrene	29	U	29	45.8	180	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	45.8	180	ug/Kg
120-12-7	Anthracene	27	U	27	45.8	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.8	180	ug/Kg
86-74-8	Carbazole	37	U	37	88.9	360	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.8	180	ug/Kg
206-44-0	Fluoranthene	20	U	20	88.9	180	ug/Kg

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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:	DCXY7			SDG No.:	BG082224
Lab Sample ID:	P3673-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	7.2
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
BG062539.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	19	U	19	45.8	180	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	45.8	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	88.9	360	ug/Kg
56-55-3	Benzo(a)anthracene	25	U	25	45.8	180	ug/Kg
218-01-9	Chrysene	26	U	26	45.8	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	36	J	27	45.8	180	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	88.9	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	40	U	40	45.8	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	41	U	41	45.8	180	ug/Kg
50-32-8	Benzo(a)pyrene	33	U	33	45.8	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30	U	30	45.8	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	45.8	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	45.8	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	45.8	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.941		15-120		24	SPK: -8
7291-22-7	Pyridine-d5	2.266	*	20-120		6	SPK: -40
4165-62-2	Phenol-d5	12.804		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.877		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.779		15-120		34	SPK: -40
190780-66-6	4-Methylphenol-d8	12.439		10-140		31	SPK: -40
4165-60-0	Nitrobenzene-d5	16.147		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.612		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.959		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.017		1-145		13	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.952		10-145		32	SPK: -40
93951-97-4	Acenaphthylene-d8	13.306		15-120		33	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.598		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	13.65		20-140		34	SPK: -40

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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:	DCXY7			SDG No.:	BG082224
Lab Sample ID:	P3673-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	7.2
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
BG062539.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.744		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	13.576		10-150		34	SPK: -40
1718-52-1	Pyrene-d10	15.083		10-130		38	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.848		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63265	7.941				
1146-65-2	Naphthalene-d8	278569	10.731				
15067-26-2	Acenaphthene-d10	220529	14.561				
1517-22-2	Phenanthrene-d10	488563	17.305				
1719-03-5	Chrysene-d12	417420	21.552				
1520-96-3	Perylene-d12	483287	24.642				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	75	J			11.465	
000544-63-8	Tetradecanoic acid	260	J			18.197	
000057-11-4	Octadecanoic acid	110	J			19.472	
000506-12-7	Heptadecanoic acid	81	J			20.553	
001235-74-1	Methyl dehydroabietate	100	J			20.665	
001740-19-8	Dehydroabietic acid	280	J			21.193	
	(DEL) Alkane: Cyclic21.223	230	J			21.223	
000557-61-9	Octacosanol	360	J			22.368	
000557-59-5	Tetracosanoic acid	87	J			22.815	
015594-90-8	1-Heneicosanol	100	J			23.849	
	(DEL) Alkane: Straight-Chain25.770	120	J			25.77	
	unknown-01	540	J			25.893	
	unknown-02	150	J			26.145	
1010140-07-7	1,4-Dimethyl-8-isopropylidenetricy	240	J			28.648	
000083-47-6	.gamma.-Sitosterol	460	J			29.723	
001058-61-3	Stigmast-4-en-3-one	290	J			32.367	
E966796	Total Alkanes	350				99	ug/Kg

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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:	DCXY7			SDG No.:	BG082224
Lab Sample ID:	P3673-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	7.2
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
BG062539.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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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:	DCXZ9			SDG No.:	BG082224
Lab Sample ID:	P3673-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.9
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
BG062540.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.5	76	ug/Kg
100-52-7	Benzaldehyde	66	U	66	93.6	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	93.6	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	93.6	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.2	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	93.6	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	93.6	370	ug/Kg
98-86-2	Acetophenone	75	U	75	93.6	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	93.6	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	90	U	90	48.2	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	48.2	190	ug/Kg
98-95-3	Nitrobenzene	73	U	73	48.2	190	ug/Kg
78-59-1	Isophorone	75	U	75	48.2	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.2	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.2	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.2	190	ug/Kg
105-60-2	Caprolactam	73	U	73	93.6	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	48.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.6	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	48.2	190	ug/Kg

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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:	DCXZ9			SDG No.:	BG082224
Lab Sample ID:	P3673-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.9
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
BG062540.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	48.2	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.2	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.2	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.2	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	93.6	370	ug/Kg
83-32-9	Acenaphthene	30	U	30	48.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	93.6	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.6	370	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.2	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	48.2	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.2	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	93.6	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	93.6	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.2	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.2	190	ug/Kg
1912-24-9	Atrazine	32	U	32	93.6	370	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	93.6	370	ug/Kg
85-01-8	Phenanthrene	31	U	31	48.2	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.2	190	ug/Kg
120-12-7	Anthracene	28	U	28	48.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.2	190	ug/Kg
86-74-8	Carbazole	39	U	39	93.6	370	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.2	190	ug/Kg
206-44-0	Fluoranthene	22	U	22	93.6	190	ug/Kg

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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:	DCXZ9			SDG No.:	BG082224
Lab Sample ID:	P3673-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.9
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
BG062540.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	48.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	93.6	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	48.2	190	ug/Kg
218-01-9	Chrysene	27	U	27	48.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	48.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	93.6	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	48.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	48.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	48.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	48.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	48.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.851		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	4.482	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	11.809		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.583		10-150		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.559		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	11.849		10-140		30	SPK: -40
4165-60-0	Nitrobenzene-d5	13.95		10-135		35	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.526		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.452		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.573		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.007		10-145		30	SPK: -40
93951-97-4	Acenaphthylene-d8	12.162		15-120		30	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.622		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	12.544		20-140		31	SPK: -40

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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:	DCXZ9			SDG No.:	BG082224
Lab Sample ID:	P3673-02			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.9
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
BG062540.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.257		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	12.262		10-150		31	SPK: -40
1718-52-1	Pyrene-d10	13.92		10-130		35	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.446		10-140		31	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68534	7.94				
1146-65-2	Naphthalene-d8	318090	10.731				
15067-26-2	Acenaphthene-d10	248377	14.561				
1517-22-2	Phenanthrene-d10	573015	17.304				
1719-03-5	Chrysene-d12	478630	21.551				
1520-96-3	Perylene-d12	556590	24.635				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	80	J			3.664	
000770-35-4	1-Phenoxypropan-2-ol	79	J			11.465	
000057-10-3	n-Hexadecanoic acid	110	J			18.197	
	(DEL) Alkane: Cyclic21.216	110	J			21.216	
015594-90-8	1-Heneicosanol	130	J			22.362	
	unknown-02	530	J			25.505	
003466-15-7	(3aR,4R,7R)-1,4,9,9-Tetramethyl-3,	980	J			27.144	
E966796	Total Alkanes	110				99	ug/Kg

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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:	DCYD0			SDG No.:	BG082224
Lab Sample ID:	P3673-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	22.2
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
BG062541.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	U	35	8.5	85	ug/Kg
100-52-7	Benzaldehyde	74	U	74	110	420	ug/Kg
110-86-1	Pyridine	99	U	99	210	420	ug/Kg
108-95-2	Phenol	38	U	38	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	110	420	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.4	220	ug/Kg
95-48-7	2-Methylphenol	40	U	40	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	51	U	51	110	420	ug/Kg
98-86-2	Acetophenone	85	U	85	110	420	ug/Kg
106-44-5	4-Methylphenol	68	U	68	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	54.4	220	ug/Kg
67-72-1	Hexachloroethane	78	U	78	54.4	220	ug/Kg
98-95-3	Nitrobenzene	82	U	82	54.4	220	ug/Kg
78-59-1	Isophorone	85	U	85	54.4	220	ug/Kg
88-75-5	2-Nitrophenol	77	U	77	54.4	220	ug/Kg
105-67-9	2,4-Dimethylphenol	41	U	41	54.4	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	54.4	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	54.4	220	ug/Kg
91-20-3	Naphthalene	31	U	31	54.4	220	ug/Kg
106-47-8	4-Chloroaniline	46	U	46	54.4	420	ug/Kg
87-68-3	Hexachlorobutadiene	45	U	45	54.4	220	ug/Kg
105-60-2	Caprolactam	82	U	82	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53	U	53	54.4	220	ug/Kg
90-12-0	1-Methylnaphthalene	31	U	31	54.4	220	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	54.4	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	31	U	31	54.4	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	54.4	220	ug/Kg

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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:	DCYD0			SDG No.:	BG082224
Lab Sample ID:	P3673-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	22.2
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
BG062541.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	54.4	220	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	54.4	220	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	54.4	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	54.4	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	54.4	220	ug/Kg
208-96-8	Acenaphthylene	37	U	37	54.4	220	ug/Kg
99-09-2	3-Nitroaniline	85	U	85	110	420	ug/Kg
83-32-9	Acenaphthene	33	U	33	54.4	220	ug/Kg
51-28-5	2,4-Dinitrophenol	170	U	170	110	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	110	420	ug/Kg
132-64-9	Dibenzofuran	35	U	35	54.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	45	U	45	54.4	220	ug/Kg
84-66-2	Diethylphthalate	42	U	42	54.4	220	ug/Kg
86-73-7	Fluorene	35	U	35	54.4	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.4	220	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	49	U	49	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	31	U	31	54.4	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	54.4	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	54.4	220	ug/Kg
118-74-1	Hexachlorobenzene	36	U	36	54.4	220	ug/Kg
1912-24-9	Atrazine	36	U	36	110	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	420	ug/Kg
85-01-8	Phenanthrene	35	U	35	54.4	220	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	54.4	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.4	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	22	U	22	54.4	220	ug/Kg
86-74-8	Carbazole	44	U	44	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	35	U	35	54.4	220	ug/Kg
206-44-0	Fluoranthene	24	U	24	110	220	ug/Kg

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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:	DCYD0			SDG No.:	BG082224
Lab Sample ID:	P3673-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	22.2
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
BG062541.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	23	U	23	54.4	220	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	54.4	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	67	U	67	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	54.4	220	ug/Kg
218-01-9	Chrysene	31	U	31	54.4	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	32	U	32	54.4	220	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	U	47	54.4	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	49	U	49	54.4	220	ug/Kg
50-32-8	Benzo(a)pyrene	40	U	40	54.4	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	36	U	36	54.4	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	54.4	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	54.4	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	54.4	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.906		15-120		24	SPK: -8
7291-22-7	Pyridine-d5	5.036	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	12.969		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.619		10-150		29	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.244		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	13.586		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	15.758		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.544		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.185		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.662		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.254		10-145		33	SPK: -40
93951-97-4	Acenaphthylene-d8	13.481		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.159		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	13.972		20-140		35	SPK: -40

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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:	DCYD0			SDG No.:	BG082224
Lab Sample ID:	P3673-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	22.2
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
BG062541.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.025		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	13.758		10-150		34	SPK: -40
1718-52-1	Pyrene-d10	15.296		10-130		38	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.227		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70664	7.935				
1146-65-2	Naphthalene-d8	310680	10.731				
15067-26-2	Acenaphthene-d10	252209	14.562				
1517-22-2	Phenanthrene-d10	571912	17.305				
1719-03-5	Chrysene-d12	489803	21.546				
1520-96-3	Perylene-d12	537491	24.636				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	91	J			3.664	
000080-56-8	.alpha.-Pinene	120	J			6.631	
000770-35-4	1-Phenoxypropan-2-ol	97	J			11.466	
000057-10-3	n-Hexadecanoic acid	120	J			18.198	
1000406-04-8	Pentadecafluorooctanoic acid, octa	150	J			21.217	
000112-92-5	1-Octadecanol	150	J			22.363	
	unknown-02	210	J			23.414	
	(DEL) Alkane: Straight-Chain23.778	120	J			23.778	
	(DEL) Alkane: Straight-Chain25.758	100	J			25.758	
	unknown-03	1100	J			25.881	
E966796	Total Alkanes	220				99	ug/Kg

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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:	DCYD1			SDG No.:	BG082224
Lab Sample ID:	P3673-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.1
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
BG062542.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	8.3	83	ug/Kg
100-52-7	Benzaldehyde	73	U	73	100	410	ug/Kg
110-86-1	Pyridine	96	U	96	210	410	ug/Kg
108-95-2	Phenol	38	U	38	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	53.2	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	83	U	83	100	410	ug/Kg
106-44-5	4-Methylphenol	66	U	66	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	99	U	99	53.2	210	ug/Kg
67-72-1	Hexachloroethane	76	U	76	53.2	210	ug/Kg
98-95-3	Nitrobenzene	80	U	80	53.2	210	ug/Kg
78-59-1	Isophorone	83	U	83	53.2	210	ug/Kg
88-75-5	2-Nitrophenol	75	U	75	53.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	53.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	53.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	53.2	210	ug/Kg
91-20-3	Naphthalene	30	U	30	53.2	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	53.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	53.2	210	ug/Kg
105-60-2	Caprolactam	80	U	80	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	53.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	53.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	53.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	53.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	53.2	210	ug/Kg

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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:	DCYD1			SDG No.:	BG082224
Lab Sample ID:	P3673-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.1
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
BG062542.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	53.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	53.2	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	53.2	210	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	53.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	53.2	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	53.2	210	ug/Kg
99-09-2	3-Nitroaniline	83	U	83	100	410	ug/Kg
83-32-9	Acenaphthene	33	U	33	53.2	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	53.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	53.2	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	53.2	210	ug/Kg
86-73-7	Fluorene	34	U	34	53.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.2	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	53.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	53.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	53.2	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	53.2	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	53.2	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	53.2	210	ug/Kg
120-12-7	Anthracene	31	U	31	53.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	53.2	210	ug/Kg
86-74-8	Carbazole	43	U	43	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	53.2	210	ug/Kg
206-44-0	Fluoranthene	24	U	24	100	210	ug/Kg

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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:	DCYD1			SDG No.:	BG082224
Lab Sample ID:	P3673-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.1
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
BG062542.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	23	U	23	53.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	53.2	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	53.2	210	ug/Kg
218-01-9	Chrysene	30	U	30	53.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	53.2	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	53.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	53.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	53.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	53.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	53.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	53.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.333		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	3.937	*	20-120		10	SPK: -40
4165-62-2	Phenol-d5	14.213		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.684		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.913		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	14.103		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	16.853		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.125		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.459		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.028		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.095		10-145		38	SPK: -40
93951-97-4	Acenaphthylene-d8	14.797		15-120		37	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.005		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	16.13		20-140		40	SPK: -40

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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:	DCYD1			SDG No.:	BG082224
Lab Sample ID:	P3673-04			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.1
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
BG062542.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.574		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	15.894		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	18.022		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.222		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63276	7.935				
1146-65-2	Naphthalene-d8	289457	10.731				
15067-26-2	Acenaphthene-d10	240171	14.561				
1517-22-2	Phenanthrene-d10	576765	17.299				
1719-03-5	Chrysene-d12	492889	21.546				
1520-96-3	Perylene-d12	535171	24.636				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	95	J			3.664	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.466	
000057-10-3	n-Hexadecanoic acid	100	J			18.198	
1000406-04-8	Pentadecafluorooctanoic acid, octa	120	J			21.217	
056221-91-1	13-Tetradecen-1-ol acetate	88	J			22.363	
	unknown-01	150	J			25.875	
E966796	Total Alkanes	33	U			99	ug/Kg

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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:	DCYI8			SDG No.:	BG082224
Lab Sample ID:	P3673-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.9
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
BG062543.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

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	70	U	70	98.9	400	ug/Kg
110-86-1	Pyridine	92	U	92	200	400	ug/Kg
108-95-2	Phenol	36	U	36	98.9	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	98.9	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	98.9	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	98.9	400	ug/Kg
98-86-2	Acetophenone	79	U	79	98.9	400	ug/Kg
106-44-5	4-Methylphenol	64	U	64	98.9	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	95	U	95	51	200	ug/Kg
67-72-1	Hexachloroethane	73	U	73	51	200	ug/Kg
98-95-3	Nitrobenzene	77	U	77	51	200	ug/Kg
78-59-1	Isophorone	79	U	79	51	200	ug/Kg
88-75-5	2-Nitrophenol	72	U	72	51	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	51	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	51	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	51	200	ug/Kg
91-20-3	Naphthalene	29	U	29	51	200	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	51	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	51	200	ug/Kg
105-60-2	Caprolactam	77	U	77	98.9	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	51	200	ug/Kg
90-12-0	1-Methylnaphthalene	29	U	29	51	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	51	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	98.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29	U	29	51	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	40	U	40	51	200	ug/Kg

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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:	DCYI8			SDG No.:	BG082224
Lab Sample ID:	P3673-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.9
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
BG062543.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	51	200	ug/Kg
91-58-7	2-Chloronaphthalene	40	U	40	51	200	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	51	200	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	51	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	51	200	ug/Kg
208-96-8	Acenaphthylene	35	U	35	51	200	ug/Kg
99-09-2	3-Nitroaniline	79	U	79	98.9	400	ug/Kg
83-32-9	Acenaphthene	31	U	31	51	200	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	98.9	400	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	98.9	400	ug/Kg
132-64-9	Dibenzofuran	32	U	32	51	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	42	U	42	51	200	ug/Kg
84-66-2	Diethylphthalate	40	U	40	51	200	ug/Kg
86-73-7	Fluorene	32	U	32	51	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	51	200	ug/Kg
100-01-6	4-Nitroaniline	29	U	29	98.9	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	46	U	46	98.9	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	29	U	29	51	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	51	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	51	200	ug/Kg
118-74-1	Hexachlorobenzene	34	U	34	51	200	ug/Kg
1912-24-9	Atrazine	34	U	34	98.9	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	98.9	400	ug/Kg
85-01-8	Phenanthrene	32	U	32	51	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	51	200	ug/Kg
120-12-7	Anthracene	30	U	30	51	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	51	200	ug/Kg
86-74-8	Carbazole	41	U	41	98.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	51	200	ug/Kg
206-44-0	Fluoranthene	23	U	23	98.9	200	ug/Kg

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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:	DCYI8			SDG No.:	BG082224
Lab Sample ID:	P3673-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.9
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
BG062543.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	51	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	51	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	62	U	62	98.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	51	200	ug/Kg
218-01-9	Chrysene	29	U	29	51	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	30	U	30	51	200	ug/Kg
117-84-0	Di-n-octyl phthalate	58	U	58	98.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	44	U	44	51	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	46	U	46	51	200	ug/Kg
50-32-8	Benzo(a)pyrene	37	U	37	51	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	34	U	34	51	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	31	U	31	51	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	51	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	51	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.849		15-120		23	SPK: -8
7291-22-7	Pyridine-d5	9.721		20-120		24	SPK: -40
4165-62-2	Phenol-d5	11.465		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.19		10-150		28	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.431		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	11.216		10-140		28	SPK: -40
4165-60-0	Nitrobenzene-d5	15.223		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.148		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.885		10-140		32	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.919		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.226		10-145		31	SPK: -40
93951-97-4	Acenaphthylene-d8	12.283		15-120		31	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.863		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	12.63		20-140		32	SPK: -40

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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:	DCYI8			SDG No.:	BG082224
Lab Sample ID:	P3673-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.9
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
BG062543.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.294		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	12.948		10-150		32	SPK: -40
1718-52-1	Pyrene-d10	14.329		10-130		36	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.33		10-140		33	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	79306	7.94				
1146-65-2	Naphthalene-d8	344290	10.73				
15067-26-2	Acenaphthene-d10	273842	14.56				
1517-22-2	Phenanthrene-d10	621975	17.304				
1719-03-5	Chrysene-d12	526473	21.545				
1520-96-3	Perylene-d12	580317	24.635				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	31	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/21/2024 12:00:00 AM
Project:				Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	SBLK898			SDG No.:	BG082224
Lab Sample ID:	PB162898BL			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
BG062545.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

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
110-86-1	Pyridine	77	U	77	170	330	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.5	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

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Report of Analysis

Client:				Date Collected:	8/21/2024 12:00:00 AM
Project:				Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	SBLK898			SDG No.:	BG082224
Lab Sample ID:	PB162898BL			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
BG062545.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

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

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Report of Analysis

Client:				Date Collected:	8/21/2024 12:00:00 AM
Project:				Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	SBLK898			SDG No.:	BG082224
Lab Sample ID:	PB162898BL			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
BG062545.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

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							
7291-22-7	Pyridine-d5	24.294		20-120		61	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.218		15-120		65	SPK: -8
4165-62-2	Phenol-d5	26.225		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.418		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.455		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	25.903		10-140		65	SPK: -40
4165-60-0	Nitrobenzene-d5	33.522		10-135		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.61		10-120		97	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.034		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.549		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.006		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	26.236		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.344		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	27.512		20-140		69	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/21/2024 12:00:00 AM
Project:				Date Received:	8/21/2024 12:00:00 AM
Client Sample ID:	SBLK898			SDG No.:	BG082224
Lab Sample ID:	PB162898BL			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
BG062545.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.95		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	27.692		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	29.798		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.256		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60228	7.937				
1146-65-2	Naphthalene-d8	265531	10.727				
15067-26-2	Acenaphthene-d10	213114	14.557				
1517-22-2	Phenanthrene-d10	489140	17.301				
1719-03-5	Chrysene-d12	432732	21.548				
1520-96-3	Perylene-d12	485210	24.626				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

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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:	DCYD2			SDG No.:	BG082224
Lab Sample ID:	P3673-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	24.9
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
BG062546.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

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	56.6	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	71	U	71	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	56.6	230	ug/Kg
67-72-1	Hexachloroethane	81	U	81	56.6	230	ug/Kg
98-95-3	Nitrobenzene	85	U	85	56.6	230	ug/Kg
78-59-1	Isophorone	88	U	88	56.6	230	ug/Kg
88-75-5	2-Nitrophenol	80	U	80	56.6	230	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	56.6	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	60	U	60	56.6	230	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	56.6	230	ug/Kg
91-20-3	Naphthalene	32	U	32	56.6	230	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	56.6	440	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	56.6	230	ug/Kg
105-60-2	Caprolactam	85	U	85	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	56.6	230	ug/Kg
90-12-0	1-Methylnaphthalene	32	U	32	56.6	230	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	56.6	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	32	U	32	56.6	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	56.6	230	ug/Kg

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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:	DCYD2			SDG No.:	BG082224
Lab Sample ID:	P3673-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	24.9
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
BG062546.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35	U	35	56.6	230	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	56.6	230	ug/Kg
88-74-4	2-Nitroaniline	60	U	60	56.6	230	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	56.6	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	56.6	230	ug/Kg
208-96-8	Acenaphthylene	39	U	39	56.6	230	ug/Kg
99-09-2	3-Nitroaniline	88	U	88	110	440	ug/Kg
83-32-9	Acenaphthene	35	U	35	56.6	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	56.6	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	56.6	230	ug/Kg
84-66-2	Diethylphthalate	44	U	44	56.6	230	ug/Kg
86-73-7	Fluorene	36	U	36	56.6	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	56.6	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	56.6	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	56.6	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	56.6	230	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	56.6	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	56.6	230	ug/Kg
608-93-5	Pentachlorobenzene	49	U	49	56.6	230	ug/Kg
120-12-7	Anthracene	33	U	33	56.6	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	23	U	23	56.6	230	ug/Kg
86-74-8	Carbazole	45	U	45	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	36	U	36	56.6	230	ug/Kg
206-44-0	Fluoranthene	25	U	25	110	230	ug/Kg

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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:	DCYD2			SDG No.:	BG082224
Lab Sample ID:	P3673-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	24.9
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
BG062546.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	24	U	24	56.6	230	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	56.6	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	56.6	230	ug/Kg
218-01-9	Chrysene	32	U	32	56.6	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	33	U	33	56.6	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	56.6	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	56.6	230	ug/Kg
50-32-8	Benzo(a)pyrene	41	U	41	56.6	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	56.6	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	56.6	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	56.6	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	56.6	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.31		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	8.014		20-120		20	SPK: -40
4165-62-2	Phenol-d5	13.851		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.099		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.737		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	14.344		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	16.671		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.068		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.503		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.963		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.579		10-145		34	SPK: -40
93951-97-4	Acenaphthylene-d8	14.034		15-120		35	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.116		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	14.522		20-140		36	SPK: -40

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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:	DCYD2			SDG No.:	BG082224
Lab Sample ID:	P3673-05			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	24.9
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
BG062546.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.88		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	14.261		10-150		36	SPK: -40
1718-52-1	Pyrene-d10	15.628		10-130		39	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.867		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67883	7.938				
1146-65-2	Naphthalene-d8	316992	10.728				
15067-26-2	Acenaphthene-d10	260764	14.558				
1517-22-2	Phenanthrene-d10	599796	17.302				
1719-03-5	Chrysene-d12	522993	21.549				
1520-96-3	Perylene-d12	549363	24.633				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	130	J			3.661	
000770-35-4	1-Phenoxypropan-2-ol	92	J			11.463	
000057-10-3	n-Hexadecanoic acid	120	J			18.195	
	(DEL) Alkane: Straight-Chain21.220	120	J			21.22	
	unknown-02	340	J			25.872	
E966796	Total Alkanes	120				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXX7			SDG No.:	BG082224
Lab Sample ID:	P3673-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062547.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	74	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92.2	370	ug/Kg
110-86-1	Pyridine	86	U	86	180	370	ug/Kg
108-95-2	Phenol	34	U	34	92.2	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	32	U	32	92.2	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.5	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92.2	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92.2	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92.2	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	92.2	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	47.5	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.5	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	47.5	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.5	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	50	U	50	47.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	42	U	42	47.5	190	ug/Kg
91-20-3	Naphthalene	27	U	27	47.5	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.5	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.5	190	ug/Kg
105-60-2	Caprolactam	72	U	72	92.2	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.2	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.5	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXX7			SDG No.:	BG082224
Lab Sample ID:	P3673-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062547.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.5	190	ug/Kg
88-74-4	2-Nitroaniline	50	U	50	47.5	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	47.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.5	190	ug/Kg
208-96-8	Acenaphthylene	32	U	32	47.5	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92.2	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	92.2	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.2	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.5	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.5	190	ug/Kg
86-73-7	Fluorene	30	U	30	47.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.5	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92.2	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	42	U	42	92.2	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.5	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.5	190	ug/Kg
1912-24-9	Atrazine	31	U	31	92.2	370	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	92.2	370	ug/Kg
85-01-8	Phenanthrene	30	U	30	47.5	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.5	190	ug/Kg
120-12-7	Anthracene	28	U	28	47.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.5	190	ug/Kg
86-74-8	Carbazole	38	U	38	92.2	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.5	190	ug/Kg
206-44-0	Fluoranthene	21	U	21	92.2	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXX7			SDG No.:	BG082224
Lab Sample ID:	P3673-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062547.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	20	U	20	47.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	92.2	370	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	47.5	190	ug/Kg
218-01-9	Chrysene	27	U	27	47.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92.2	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	41	U	41	47.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	42	U	42	47.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	47.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	47.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29	U	29	47.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.774		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	15.261		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.122		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.182		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	15.182		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	18.76		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.633		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.961		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.992		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.838		10-145		37	SPK: -40
93951-97-4	Acenaphthylene-d8	15.439		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.624		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	15.943		20-140		40	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXX7			SDG No.:	BG082224
Lab Sample ID:	P3673-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	10.5
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062547.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.969		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	16.099		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	17.185		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.758		10-140		39	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70779	7.937				
1146-65-2	Naphthalene-d8	321765	10.727				
15067-26-2	Acenaphthene-d10	260883	14.557				
1517-22-2	Phenanthrene-d10	604274	17.3				
1719-03-5	Chrysene-d12	527114	21.548				
1520-96-3	Perylene-d12	575094	24.632				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	110	J			3.666	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.461	
000057-10-3	n-Hexadecanoic acid	75	J			18.193	
	(DEL) Alkane: Straight-Chain21.219	100	J			21.219	
E966796	Total Alkanes	100				99	ug/Kg

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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:	DCXY3			SDG No.:	BG082224
Lab Sample ID:	P3673-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.5
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
BG062548.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

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	95	U	95	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	52.6	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	52.6	210	ug/Kg
67-72-1	Hexachloroethane	76	U	76	52.6	210	ug/Kg
98-95-3	Nitrobenzene	79	U	79	52.6	210	ug/Kg
78-59-1	Isophorone	82	U	82	52.6	210	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	52.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	52.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	52.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.6	210	ug/Kg
91-20-3	Naphthalene	30	U	30	52.6	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	52.6	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52.6	210	ug/Kg
105-60-2	Caprolactam	79	U	79	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	52.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	52.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	52.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	52.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	52.6	210	ug/Kg

Alliance TECHNICAL GROUP
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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:	DCXY3			SDG No.:	BG082224
Lab Sample ID:	P3673-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.5
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
BG062548.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	52.6	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	52.6	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.6	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.6	210	ug/Kg
99-09-2	3-Nitroaniline	82	U	82	100	410	ug/Kg
83-32-9	Acenaphthene	32	U	32	52.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	33	U	33	52.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52.6	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	52.6	210	ug/Kg
86-73-7	Fluorene	33	U	33	52.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.6	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	52.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.6	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	52.6	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	52.6	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	52.6	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.6	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52.6	210	ug/Kg
206-44-0	Fluoranthene	24	U	24	100	210	ug/Kg

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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:	DCXY3			SDG No.:	BG082224
Lab Sample ID:	P3673-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.5
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
BG062548.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	52.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	52.6	210	ug/Kg
218-01-9	Chrysene	30	U	30	52.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	52.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	46	U	46	52.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	52.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	52.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	52.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	52.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	52.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.927		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	2.123	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	16.501		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.614		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.147		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	17.248		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	20.411		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.303		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.053		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.461		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.965		10-145		40	SPK: -40
93951-97-4	Acenaphthylene-d8	16.643		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.682		10-150		37	SPK: -40
81103-79-9	Fluorene-d10	16.552		20-140		41	SPK: -40

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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:	DCXY3			SDG No.:	BG082224
Lab Sample ID:	P3673-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.5
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
BG062548.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.579		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	16.863		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	18.105		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.703		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70769	7.936				
1146-65-2	Naphthalene-d8	330675	10.727				
15067-26-2	Acenaphthene-d10	258089	14.557				
1517-22-2	Phenanthrene-d10	568844	17.3				
1719-03-5	Chrysene-d12	500364	21.547				
1520-96-3	Perylene-d12	527982	24.626				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	200	J			3.66	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	96	J			7.525	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.461	
000057-10-3	n-Hexadecanoic acid	130	J			18.193	
000301-02-0	9-Octadecenamide, (Z)-	170	J			20.602	
1010351-87-0	Heptadecyl trifluoroacetate	140	J			21.218	
	(DEL) Alkane: Straight-Chain25.877	120	J			25.877	
E966796	Total Alkanes	120				99	ug/Kg

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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:	DCYB9			SDG No.:	BG082224
Lab Sample ID:	P3673-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062549.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.5	76	ug/Kg
100-52-7	Benzaldehyde	66	U	66	94.1	380	ug/Kg
110-86-1	Pyridine	88	U	88	190	380	ug/Kg
108-95-2	Phenol	34	U	34	94.1	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	94.1	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.5	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	94.1	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	94.1	380	ug/Kg
98-86-2	Acetophenone	75	U	75	94.1	380	ug/Kg
106-44-5	4-Methylphenol	60	U	60	94.1	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	90	U	90	48.5	190	ug/Kg
67-72-1	Hexachloroethane	70	U	70	48.5	190	ug/Kg
98-95-3	Nitrobenzene	73	U	73	48.5	190	ug/Kg
78-59-1	Isophorone	75	U	75	48.5	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.5	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.5	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.5	190	ug/Kg
105-60-2	Caprolactam	73	U	73	94.1	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	48.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.1	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	48.5	190	ug/Kg

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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:	DCYB9			SDG No.:	BG082224
Lab Sample ID:	P3673-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062549.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.5	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.5	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.5	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.5	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	94.1	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	48.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	94.1	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.1	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.5	190	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.5	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.5	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	94.1	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	94.1	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.5	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.5	190	ug/Kg
1912-24-9	Atrazine	32	U	32	94.1	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94.1	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	48.5	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.5	190	ug/Kg
120-12-7	Anthracene	29	U	29	48.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.5	190	ug/Kg
86-74-8	Carbazole	39	U	39	94.1	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.5	190	ug/Kg
206-44-0	Fluoranthene	22	U	22	94.1	190	ug/Kg

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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:	DCYB9			SDG No.:	BG082224
Lab Sample ID:	P3673-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062549.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	48.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	94.1	380	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	48.5	190	ug/Kg
218-01-9	Chrysene	27	U	27	48.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	48.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	94.1	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	48.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	43	U	43	48.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	35	U	35	48.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	48.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	48.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	48.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.327		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	17.346		20-120		43	SPK: -40
4165-62-2	Phenol-d5	19.259		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.028		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.077		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	17.154		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	23.112		10-135		58	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.91		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.573		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.179		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.07		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	19.908		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.084		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	20.233		20-140		51	SPK: -40

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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:	DCYB9			SDG No.:	BG082224
Lab Sample ID:	P3673-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062549.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.22		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	20.927		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	22.118		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.903		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74311	7.94				
1146-65-2	Naphthalene-d8	335081	10.73				
15067-26-2	Acenaphthene-d10	259972	14.56				
1517-22-2	Phenanthrene-d10	562321	17.303				
1719-03-5	Chrysene-d12	493272	21.545				
1520-96-3	Perylene-d12	527043	24.623				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	200	J			3.663	
000112-36-7	Diethyl carbitol	82	J			7.523	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.464	
	(DEL) Alkane: Cyclic21.216	120	J			21.216	
	unknown-01	250	J			22.561	
E966796	Total Alkanes	120				99	ug/Kg

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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:	DCYC3			SDG No.:	BG082224
Lab Sample ID:	P3673-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.6
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062550.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.6	77	ug/Kg
100-52-7	Benzaldehyde	67	U	67	95.5	380	ug/Kg
110-86-1	Pyridine	89	U	89	190	380	ug/Kg
108-95-2	Phenol	35	U	35	95.5	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	95.5	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49.2	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	95.5	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	95.5	380	ug/Kg
98-86-2	Acetophenone	76	U	76	95.5	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	95.5	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	49.2	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.2	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	49.2	200	ug/Kg
78-59-1	Isophorone	76	U	76	49.2	200	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	49.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.2	200	ug/Kg
91-20-3	Naphthalene	28	U	28	49.2	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.2	380	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.2	200	ug/Kg
105-60-2	Caprolactam	74	U	74	95.5	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	49.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	49.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.5	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49.2	200	ug/Kg

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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:	DCYC3			SDG No.:	BG082224
Lab Sample ID:	P3673-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.6
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062550.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49.2	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49.2	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.2	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.2	200	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	95.5	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	49.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	95.5	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.5	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	49.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.2	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49.2	200	ug/Kg
86-73-7	Fluorene	31	U	31	49.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.2	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	95.5	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	95.5	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	49.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.2	200	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	49.2	200	ug/Kg
1912-24-9	Atrazine	32	U	32	95.5	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.5	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	49.2	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.2	200	ug/Kg
120-12-7	Anthracene	29	U	29	49.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.2	200	ug/Kg
86-74-8	Carbazole	39	U	39	95.5	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49.2	200	ug/Kg
206-44-0	Fluoranthene	22	U	22	95.5	200	ug/Kg

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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:	DCYC3			SDG No.:	BG082224
Lab Sample ID:	P3673-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.6
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062550.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	49.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	49.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	95.5	380	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	49.2	200	ug/Kg
218-01-9	Chrysene	28	U	28	49.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	95.5	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	43	U	43	49.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	49.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	49.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	49.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	49.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	49.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.824		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	14.595		20-120		36	SPK: -40
4165-62-2	Phenol-d5	16.325		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.877		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.432		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	16.251		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	18.968		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.742		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.876		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.584		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.466		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	15.977		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.621		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	16.378		20-140		41	SPK: -40

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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:	DCYC3			SDG No.:	BG082224
Lab Sample ID:	P3673-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13.6
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062550.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.517		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	16.589		10-150		41	SPK: -40
1718-52-1	Pyrene-d10	18.001		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.89		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70429	7.938				
1146-65-2	Naphthalene-d8	329800	10.728				
15067-26-2	Acenaphthene-d10	269676	14.558				
1517-22-2	Phenanthrene-d10	619382	17.302				
1719-03-5	Chrysene-d12	542050	21.549				
1520-96-3	Perylene-d12	618823	24.627				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	120	J			3.661	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.463	
	(DEL) Alkane: Straight-Chain21.214	110	J			21.214	
E966796	Total Alkanes	110				99	ug/Kg

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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:	DCYD9			SDG No.:	BG082224
Lab Sample ID:	P3673-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21
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
BG062551.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	U	34	8.3	84	ug/Kg
100-52-7	Benzaldehyde	73	U	73	100	420	ug/Kg
110-86-1	Pyridine	97	U	97	210	420	ug/Kg
108-95-2	Phenol	38	U	38	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	100	420	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.6	210	ug/Kg
95-48-7	2-Methylphenol	39	U	39	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	50	U	50	100	420	ug/Kg
98-86-2	Acetophenone	83	U	83	100	420	ug/Kg
106-44-5	4-Methylphenol	67	U	67	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	100	U	100	53.6	210	ug/Kg
67-72-1	Hexachloroethane	77	U	77	53.6	210	ug/Kg
98-95-3	Nitrobenzene	81	U	81	53.6	210	ug/Kg
78-59-1	Isophorone	83	U	83	53.6	210	ug/Kg
88-75-5	2-Nitrophenol	76	U	76	53.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	53.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	53.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	53.6	210	ug/Kg
91-20-3	Naphthalene	30	U	30	53.6	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	53.6	420	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	53.6	210	ug/Kg
105-60-2	Caprolactam	81	U	81	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	52	U	52	53.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	53.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	53.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	53.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	53.6	210	ug/Kg

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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:	DCYD9			SDG No.:	BG082224
Lab Sample ID:	P3673-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21
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
BG062551.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	53.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	42	U	42	53.6	210	ug/Kg
88-74-4	2-Nitroaniline	57	U	57	53.6	210	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	53.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	53.6	210	ug/Kg
208-96-8	Acenaphthylene	37	U	37	53.6	210	ug/Kg
99-09-2	3-Nitroaniline	83	U	83	100	420	ug/Kg
83-32-9	Acenaphthene	33	U	33	53.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	100	420	ug/Kg
132-64-9	Dibenzofuran	34	U	34	53.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	53.6	210	ug/Kg
84-66-2	Diethylphthalate	42	U	42	53.6	210	ug/Kg
86-73-7	Fluorene	34	U	34	53.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.6	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	48	U	48	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	53.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	43	U	43	53.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	53.6	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	53.6	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	420	ug/Kg
85-01-8	Phenanthrene	34	U	34	53.6	210	ug/Kg
608-93-5	Pentachlorobenzene	47	U	47	53.6	210	ug/Kg
120-12-7	Anthracene	32	U	32	53.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	53.6	210	ug/Kg
86-74-8	Carbazole	43	U	43	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	53.6	210	ug/Kg
206-44-0	Fluoranthene	24	U	24	100	210	ug/Kg

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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:	DCYD9			SDG No.:	BG082224
Lab Sample ID:	P3673-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21
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
BG062551.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	23	U	23	53.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	28	U	28	53.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	29	U	29	53.6	210	ug/Kg
218-01-9	Chrysene	30	U	30	53.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	32	U	32	53.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	U	47	53.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	53.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	53.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	53.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	33	U	33	53.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	53.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	53.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.487		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	8.357		20-120		21	SPK: -40
4165-62-2	Phenol-d5	14.204		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.862		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.367		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	9.945		10-140		25	SPK: -40
4165-60-0	Nitrobenzene-d5	19.654		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.239		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.753		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.985		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.1		10-145		38	SPK: -40
93951-97-4	Acenaphthylene-d8	15.783		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.332		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	15.934		20-140		40	SPK: -40

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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:	DCYD9			SDG No.:	BG082224
Lab Sample ID:	P3673-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21
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
BG062551.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.557		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	16.048		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	17.356		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.35		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76466	7.934				
1146-65-2	Naphthalene-d8	342523	10.725				
15067-26-2	Acenaphthene-d10	265493	14.555				
1517-22-2	Phenanthrene-d10	576070	17.298				
1719-03-5	Chrysene-d12	500868	21.545				
1520-96-3	Perylene-d12	558130	24.624				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	160	J			3.664	
006180-61-6	1-Propanol, 3-phenoxy-	150	J			11.465	
000057-10-3	n-Hexadecanoic acid	150	J			18.197	
1010351-87-0	Heptadecyl trifluoroacetate	170	J			21.216	
	(DEL) Alkane: Straight-Chain22.362	140	J			22.362	
	(DEL) Alkane: Straight-Chain23.772	120	J			23.772	
	(DEL) Alkane: Straight-Chain25.746	100	J			25.746	
	(DEL) Alkane: Cyclic25.875	110	J			25.875	
E966796	Total Alkanes	470				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXX6			SDG No.:	BG082224
Lab Sample ID:	P3673-15			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
BG062552.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

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

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXX6			SDG No.:	BG082224
Lab Sample ID:	P3673-15			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
BG062552.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

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

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXX6			SDG No.:	BG082224
Lab Sample ID:	P3673-15			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
BG062552.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

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	2.302		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	1.985	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	14.708		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.35		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.827		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	14.899		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	16.922		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.898		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.642		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.755		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.968		10-145		35	SPK: -40
93951-97-4	Acenaphthylene-d8	14.297		15-120		36	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.151		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	14.665		20-140		37	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXX6			SDG No.:	BG082224
Lab Sample ID:	P3673-15			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
BG062552.D	1	8/21/2024 12:00:00 AM	8/22/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.411		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	14.724		10-150		37	SPK: -40
1718-52-1	Pyrene-d10	15.968		10-130		40	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.052		10-140		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63921	7.937				
1146-65-2	Naphthalene-d8	298249	10.727				
15067-26-2	Acenaphthene-d10	236660	14.557				
1517-22-2	Phenanthrene-d10	522044	17.301				
1719-03-5	Chrysene-d12	458804	21.542				
1520-96-3	Perylene-d12	512472	24.626				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	180	J			3.66	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.462	
000057-10-3	n-Hexadecanoic acid	87	J			18.194	
	(DEL) Alkane: Cyclic21.219	120	J			21.219	
	(DEL) Alkane: Straight-Chain22.359	130	J			22.359	
E966796	Total Alkanes	250				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXZ6			SDG No.:	BG082224
Lab Sample ID:	P3673-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	25.4
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
BG062553.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

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	78	U	78	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	38	U	38	57	230	ug/Kg
95-48-7	2-Methylphenol	42	U	42	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	54	U	54	110	440	ug/Kg
98-86-2	Acetophenone	88	U	88	110	440	ug/Kg
106-44-5	4-Methylphenol	71	U	71	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	57	230	ug/Kg
67-72-1	Hexachloroethane	82	U	82	57	230	ug/Kg
98-95-3	Nitrobenzene	86	U	86	57	230	ug/Kg
78-59-1	Isophorone	88	U	88	57	230	ug/Kg
88-75-5	2-Nitrophenol	80	U	80	57	230	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	57	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	60	U	60	57	230	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	57	230	ug/Kg
91-20-3	Naphthalene	32	U	32	57	230	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	57	440	ug/Kg
87-68-3	Hexachlorobutadiene	47	U	47	57	230	ug/Kg
105-60-2	Caprolactam	86	U	86	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55	U	55	57	230	ug/Kg
90-12-0	1-Methylnaphthalene	32	U	32	57	230	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	57	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	32	U	32	57	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44	U	44	57	230	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXZ6			SDG No.:	BG082224
Lab Sample ID:	P3673-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	25.4
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
BG062553.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35	U	35	57	230	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	57	230	ug/Kg
88-74-4	2-Nitroaniline	60	U	60	57	230	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	57	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	57	230	ug/Kg
208-96-8	Acenaphthylene	39	U	39	57	230	ug/Kg
99-09-2	3-Nitroaniline	88	U	88	110	440	ug/Kg
83-32-9	Acenaphthene	35	U	35	57	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	57	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	57	230	ug/Kg
84-66-2	Diethylphthalate	44	U	44	57	230	ug/Kg
86-73-7	Fluorene	36	U	36	57	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	57	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	57	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	46	U	46	57	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	35	U	35	57	230	ug/Kg
118-74-1	Hexachlorobenzene	38	U	38	57	230	ug/Kg
1912-24-9	Atrazine	38	U	38	110	440	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	440	ug/Kg
85-01-8	Phenanthrene	36	U	36	57	230	ug/Kg
608-93-5	Pentachlorobenzene	50	U	50	57	230	ug/Kg
120-12-7	Anthracene	34	U	34	57	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	23	U	23	57	230	ug/Kg
86-74-8	Carbazole	46	U	46	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	36	U	36	57	230	ug/Kg
206-44-0	Fluoranthene	25	U	25	110	230	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXZ6			SDG No.:	BG082224
Lab Sample ID:	P3673-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	25.4
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
BG062553.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	24	U	24	57	230	ug/Kg
85-68-7	Butylbenzylphthalate	29	U	29	57	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70	U	70	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	31	U	31	57	230	ug/Kg
218-01-9	Chrysene	32	U	32	57	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	34	U	34	57	230	ug/Kg
117-84-0	Di-n-octyl phthalate	64	U	64	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	57	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	57	230	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	57	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	38	U	38	57	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	35	U	35	57	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	57	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	57	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.61		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	11.764		20-120		29	SPK: -40
4165-62-2	Phenol-d5	22.026		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.544		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.026		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	18.448		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	27.508		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.664		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.917		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.778		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.579		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	23.666		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.078		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	23.477		20-140		59	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXZ6			SDG No.:	BG082224
Lab Sample ID:	P3673-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	25.4
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
BG062553.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.552		10-130		61	SPK: -40
1719-06-8	Anthracene-d10	23.645		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	25.724		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.442		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	65100	7.937				
1146-65-2	Naphthalene-d8	305633	10.727				
15067-26-2	Acenaphthene-d10	237667	14.557				
1517-22-2	Phenanthrene-d10	512533	17.3				
1719-03-5	Chrysene-d12	444260	21.542				
1520-96-3	Perylene-d12	497713	24.626				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	120	J			3.666	
004889-83-2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-tr	92	J			6.632	
000770-35-4	1-Phenoxypropan-2-ol	140	J			11.461	
000057-10-3	n-Hexadecanoic acid	350	J			18.193	
000057-11-4	Octadecanoic acid	140	J			19.468	
	(DEL) Alkane: Straight-Chain21.213	270	J			21.213	
1000421-06-3	Silane, monochloride, methylvinyl(	480	J			21.307	
015594-90-8	1-Heneicosanol	200	J			22.358	
1000108-92-4	Farnesol isomer a	100	J			23.181	
	(DEL) Alkane: Straight-Chain23.768	190	J			23.768	
	(DEL) Alkane: Straight-Chain25.748	170	J			25.748	
	unknown-01	180	J			25.865	
E966796	Total Alkanes	630				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCYE5			SDG No.:	BG082224
Lab Sample ID:	P3673-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.1
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
BG062554.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

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	53	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	99	U	99	53	210	ug/Kg
67-72-1	Hexachloroethane	76	U	76	53	210	ug/Kg
98-95-3	Nitrobenzene	80	U	80	53	210	ug/Kg
78-59-1	Isophorone	82	U	82	53	210	ug/Kg
88-75-5	2-Nitrophenol	75	U	75	53	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	53	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	53	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	53	210	ug/Kg
91-20-3	Naphthalene	30	U	30	53	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	53	410	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	53	210	ug/Kg
105-60-2	Caprolactam	80	U	80	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	53	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	53	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	53	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	53	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	53	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCYE5			SDG No.:	BG082224
Lab Sample ID:	P3673-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.1
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
BG062554.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	53	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	53	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	53	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	53	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	53	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	53	210	ug/Kg
99-09-2	3-Nitroaniline	82	U	82	100	410	ug/Kg
83-32-9	Acenaphthene	32	U	32	53	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	53	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	44	U	44	53	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	53	210	ug/Kg
86-73-7	Fluorene	34	U	34	53	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53	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	53	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	53	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	53	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	53	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	53	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	53	210	ug/Kg
120-12-7	Anthracene	31	U	31	53	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	53	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	34	U	34	53	210	ug/Kg
206-44-0	Fluoranthene	24	U	24	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCYE5			SDG No.:	BG082224
Lab Sample ID:	P3673-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.1
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
BG062554.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	53	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	53	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	53	210	ug/Kg
218-01-9	Chrysene	30	U	30	53	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	53	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	53	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	53	210	ug/Kg
50-32-8	Benzo(a)pyrene	39	U	39	53	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	53	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	53	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	53	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	53	210	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	5.875	*	20-120		15	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.149		15-120		27	SPK: -8
4165-62-2	Phenol-d5	12.879		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.576		10-150		29	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.402		15-120		34	SPK: -40
190780-66-6	4-Methylphenol-d8	13.05		10-140		33	SPK: -40
4165-60-0	Nitrobenzene-d5	14.788		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.588		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.253		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.1		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.931		10-145		32	SPK: -40
93951-97-4	Acenaphthylene-d8	12.953		15-120		32	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.475		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	13.391		20-140		33	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCYE5			SDG No.:	BG082224
Lab Sample ID:	P3673-17			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	20.1
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
BG062554.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.849		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	13.528		10-150		34	SPK: -40
1718-52-1	Pyrene-d10	14.624		10-130		37	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.131		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68045	7.935				
1146-65-2	Naphthalene-d8	316764	10.725				
15067-26-2	Acenaphthene-d10	255982	14.556				
1517-22-2	Phenanthrene-d10	574681	17.299				
1719-03-5	Chrysene-d12	513392	21.546				
1520-96-3	Perylene-d12	569635	24.624				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	130	J			18.192	
	(DEL) Alkane: Straight-Chain21.217	98	J			21.217	
	unknown-01	100	J			25.875	
E966796	Total Alkanes	98				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCYI9			SDG No.:	BG082224
Lab Sample ID:	P3673-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19
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
BG062555.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	U	33	8.1	82	ug/Kg
100-52-7	Benzaldehyde	72	U	72	100	410	ug/Kg
110-86-1	Pyridine	95	U	95	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	52.5	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	49	U	49	100	410	ug/Kg
98-86-2	Acetophenone	81	U	81	100	410	ug/Kg
106-44-5	4-Methylphenol	65	U	65	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	98	U	98	52.5	210	ug/Kg
67-72-1	Hexachloroethane	75	U	75	52.5	210	ug/Kg
98-95-3	Nitrobenzene	79	U	79	52.5	210	ug/Kg
78-59-1	Isophorone	81	U	81	52.5	210	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	52.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	52.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	52.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.5	210	ug/Kg
91-20-3	Naphthalene	30	U	30	52.5	210	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	52.5	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52.5	210	ug/Kg
105-60-2	Caprolactam	79	U	79	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	52.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	52.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	52.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	52.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	52.5	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCYI9			SDG No.:	BG082224
Lab Sample ID:	P3673-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19
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
BG062555.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	52.5	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	52.5	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.5	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.5	210	ug/Kg
99-09-2	3-Nitroaniline	81	U	81	100	410	ug/Kg
83-32-9	Acenaphthene	32	U	32	52.5	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	410	ug/Kg
100-02-7	4-Nitrophenol	54	U	54	100	410	ug/Kg
132-64-9	Dibenzofuran	33	U	33	52.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52.5	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	52.5	210	ug/Kg
86-73-7	Fluorene	33	U	33	52.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.5	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	52.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.5	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	52.5	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	52.5	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	52.5	210	ug/Kg
120-12-7	Anthracene	31	U	31	52.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.5	210	ug/Kg
86-74-8	Carbazole	42	U	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52.5	210	ug/Kg
206-44-0	Fluoranthene	23	U	23	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCYI9			SDG No.:	BG082224
Lab Sample ID:	P3673-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19
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
BG062555.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	22	U	22	52.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52.5	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	28	U	28	52.5	210	ug/Kg
218-01-9	Chrysene	30	U	30	52.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	31	U	31	52.5	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	46	U	46	52.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	47	U	47	52.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	38	U	38	52.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	35	U	35	52.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32	U	32	52.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	52.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	52.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.275		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	5.737	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	14.712		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.943		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.085		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	15.079		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	17.097		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.727		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.679		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.603		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.814		10-145		37	SPK: -40
93951-97-4	Acenaphthylene-d8	14.844		15-120		37	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.951		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	15.198		20-140		38	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCYI9			SDG No.:	BG082224
Lab Sample ID:	P3673-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19
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
BG062555.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.01		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	14.96		10-150		37	SPK: -40
1718-52-1	Pyrene-d10	16.848		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.011		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	72460	7.937				
1146-65-2	Naphthalene-d8	333554	10.728				
15067-26-2	Acenaphthene-d10	262918	14.558				
1517-22-2	Phenanthrene-d10	572800	17.301				
1719-03-5	Chrysene-d12	494833	21.542				
1520-96-3	Perylene-d12	555329	24.627				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	110	J			3.661	
000770-35-4	1-Phenoxypropan-2-ol	93	J			11.462	
000057-10-3	n-Hexadecanoic acid	95	J			18.194	
	(DEL) Alkane: Cyclic21.214	130	J			21.214	
	unknown-01	330	J			25.872	
	unknown-02	260	J			28.598	
E966796	Total Alkanes	130				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXZ4			SDG No.:	BG082224
Lab Sample ID:	P3673-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13
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
BG062556.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.6	76	ug/Kg
100-52-7	Benzaldehyde	66	U	66	94.5	380	ug/Kg
110-86-1	Pyridine	88	U	88	190	380	ug/Kg
108-95-2	Phenol	34	U	34	94.5	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	94.5	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.7	190	ug/Kg
95-48-7	2-Methylphenol	36	U	36	94.5	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	46	U	46	94.5	380	ug/Kg
98-86-2	Acetophenone	76	U	76	94.5	380	ug/Kg
106-44-5	4-Methylphenol	61	U	61	94.5	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	91	U	91	48.7	190	ug/Kg
67-72-1	Hexachloroethane	70	U	70	48.7	190	ug/Kg
98-95-3	Nitrobenzene	73	U	73	48.7	190	ug/Kg
78-59-1	Isophorone	76	U	76	48.7	190	ug/Kg
88-75-5	2-Nitrophenol	69	U	69	48.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	48.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	48.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.7	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.7	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.7	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.7	190	ug/Kg
105-60-2	Caprolactam	73	U	73	94.5	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	48.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.5	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	48.7	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXZ4			SDG No.:	BG082224
Lab Sample ID:	P3673-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13
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
BG062556.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	48.7	190	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	48.7	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.7	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.7	190	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	94.5	380	ug/Kg
83-32-9	Acenaphthene	30	U	30	48.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	94.5	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.5	380	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.7	190	ug/Kg
84-66-2	Diethylphthalate	38	U	38	48.7	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.7	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	94.5	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	94.5	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.7	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.7	190	ug/Kg
1912-24-9	Atrazine	32	U	32	94.5	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94.5	380	ug/Kg
85-01-8	Phenanthrene	31	U	31	48.7	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.7	190	ug/Kg
120-12-7	Anthracene	29	U	29	48.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.7	190	ug/Kg
86-74-8	Carbazole	39	U	39	94.5	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.7	190	ug/Kg
206-44-0	Fluoranthene	22	U	22	94.5	190	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXZ4			SDG No.:	BG082224
Lab Sample ID:	P3673-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13
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
BG062556.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	21	U	21	48.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	94.5	380	ug/Kg
56-55-3	Benzo(a)anthracene	26	U	26	48.7	190	ug/Kg
218-01-9	Chrysene	27	U	27	48.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	48.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	55	U	55	94.5	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	48.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	44	U	44	48.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	36	U	36	48.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	32	U	32	48.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	30	U	30	48.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	48.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.646		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	10.347		20-120		26	SPK: -40
4165-62-2	Phenol-d5	30.054		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.514		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.313		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	30.293		10-140		76	SPK: -40
4165-60-0	Nitrobenzene-d5	35.417		10-135		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.151		10-120		103	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.628		10-140		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.023		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.596		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	30.097		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.503		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	30.707		20-140		77	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXZ4			SDG No.:	BG082224
Lab Sample ID:	P3673-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13
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
BG062556.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.877		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	30.562		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	33.123		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.785		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58735	7.935				
1146-65-2	Naphthalene-d8	270797	10.725				
15067-26-2	Acenaphthene-d10	215075	14.555				
1517-22-2	Phenanthrene-d10	488075	17.298				
1719-03-5	Chrysene-d12	421685	21.546				
1520-96-3	Perylene-d12	476416	24.624				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	180	J			3.664	
005989-27-5	D-Limonene	190	J			8.158	
001119-40-0	Pentanedioic acid, dimethyl ester	79	J			9.644	
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.459	
000057-10-3	n-Hexadecanoic acid	160	J			18.191	
1000439-86-6	((1R,4aS,10aR)-7-isopropyl-1,4a-di	81	J			21.087	
	(DEL) Alkane: Cyclic21.217	160	J			21.217	
	unknown-01	77	J			21.728	
	unknown-02	670	J			25.869	
	unknown-03	200	J			28.595	
E966796	Total Alkanes	160				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXZ4MS			SDG No.:	BG082224
Lab Sample ID:	P3673-21MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13
Sample Wt/Vol:	30.03	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
BG062557.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	400		31	7.6	77	ug/Kg
100-52-7	Benzaldehyde	1200		67	94.7	380	ug/Kg
110-86-1	Pyridine	1000		88	190	380	ug/Kg
108-95-2	Phenol	1200		34	94.7	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		33	94.7	380	ug/Kg
95-57-8	2-Chlorophenol	1200		32	48.8	200	ug/Kg
95-48-7	2-Methylphenol	1100		36	94.7	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1100		46	94.7	380	ug/Kg
98-86-2	Acetophenone	1000		76	94.7	380	ug/Kg
106-44-5	4-Methylphenol	1100		61	94.7	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100		91	48.8	200	ug/Kg
67-72-1	Hexachloroethane	1200		70	48.8	200	ug/Kg
98-95-3	Nitrobenzene	1300		73	48.8	200	ug/Kg
78-59-1	Isophorone	1100		76	48.8	200	ug/Kg
88-75-5	2-Nitrophenol	1600		69	48.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		37	48.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		52	48.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		44	48.8	200	ug/Kg
91-20-3	Naphthalene	1100		28	48.8	200	ug/Kg
106-47-8	4-Chloroaniline	910		41	48.8	380	ug/Kg
87-68-3	Hexachlorobutadiene	1100		40	48.8	200	ug/Kg
105-60-2	Caprolactam	1000		73	94.7	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		47	48.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	1100		28	48.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	1100		37	48.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	950		110	94.7	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		28	48.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		38	48.8	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXZ4MS			SDG No.:	BG082224
Lab Sample ID:	P3673-21MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13
Sample Wt/Vol:	30.03	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
BG062557.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		30	48.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	1100		38	48.8	200	ug/Kg
88-74-4	2-Nitroaniline	1400		52	48.8	200	ug/Kg
131-11-3	Dimethylphthalate	1100		34	48.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500		23	48.8	200	ug/Kg
208-96-8	Acenaphthylene	1100		33	48.8	200	ug/Kg
99-09-2	3-Nitroaniline	1300		76	94.7	380	ug/Kg
83-32-9	Acenaphthene	1100		30	48.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	1500		150	94.7	380	ug/Kg
100-02-7	4-Nitrophenol	1100		51	94.7	380	ug/Kg
132-64-9	Dibenzofuran	1100		31	48.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		40	48.8	200	ug/Kg
84-66-2	Diethylphthalate	1100		38	48.8	200	ug/Kg
86-73-7	Fluorene	1100		31	48.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		23	48.8	200	ug/Kg
100-01-6	4-Nitroaniline	1200		28	94.7	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1500		44	94.7	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1200		28	48.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		39	48.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		30	48.8	200	ug/Kg
118-74-1	Hexachlorobenzene	1100		32	48.8	200	ug/Kg
1912-24-9	Atrazine	790		32	94.7	380	ug/Kg
87-86-5	Pentachlorophenol	1200		100	94.7	380	ug/Kg
85-01-8	Phenanthrene	1100		31	48.8	200	ug/Kg
608-93-5	Pentachlorobenzene	1200		42	48.8	200	ug/Kg
120-12-7	Anthracene	1100		29	48.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200		20	48.8	200	ug/Kg
86-74-8	Carbazole	1000		39	94.7	380	ug/Kg
84-74-2	Di-n-butylphthalate	1100		31	48.8	200	ug/Kg
206-44-0	Fluoranthene	1200		22	94.7	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXZ4MS			SDG No.:	BG082224
Lab Sample ID:	P3673-21MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13
Sample Wt/Vol:	30.03	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
BG062557.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		21	48.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	1300		25	48.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	930		60	94.7	380	ug/Kg
56-55-3	Benzo(a)anthracene	1100		26	48.8	200	ug/Kg
218-01-9	Chrysene	1100		28	48.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		29	48.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	1300		55	94.7	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		42	48.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		44	48.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	1100		36	48.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		32	48.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1100		30	48.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		37	48.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		41	48.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.537		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	7.643	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	23.45		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.429		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.873		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	23.344		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	29.176		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.985		10-120		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.236		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.396		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.281		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	23.336		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.094		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	23.636		20-140		59	SPK: -40

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXZ4MS			SDG No.:	BG082224
Lab Sample ID:	P3673-21MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13
Sample Wt/Vol:	30.03	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
BG062557.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	32.208		10-130		81	SPK: -40
1719-06-8	Anthracene-d10	23.981		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	26.093		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.019		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68480	7.934				
1146-65-2	Naphthalene-d8	307095	10.731				
15067-26-2	Acenaphthene-d10	238903	14.561				
1517-22-2	Phenanthrene-d10	512445	17.298				
1719-03-5	Chrysene-d12	447364	21.545				
1520-96-3	Perylene-d12	504827	24.629				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	30	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXZ4MSD			SDG No.:	BG082224
Lab Sample ID:	P3673-22MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13
Sample Wt/Vol:	30.04	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
BG062558.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	470		31	7.6	77	ug/Kg
100-52-7	Benzaldehyde	1500		67	94.7	380	ug/Kg
110-86-1	Pyridine	1200		88	190	380	ug/Kg
108-95-2	Phenol	1400		34	94.7	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300		33	94.7	380	ug/Kg
95-57-8	2-Chlorophenol	1500		32	48.8	200	ug/Kg
95-48-7	2-Methylphenol	1400		36	94.7	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1300		46	94.7	380	ug/Kg
98-86-2	Acetophenone	1300		76	94.7	380	ug/Kg
106-44-5	4-Methylphenol	1400		61	94.7	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300		91	48.8	200	ug/Kg
67-72-1	Hexachloroethane	1500		70	48.8	200	ug/Kg
98-95-3	Nitrobenzene	1500		73	48.8	200	ug/Kg
78-59-1	Isophorone	1200		76	48.8	200	ug/Kg
88-75-5	2-Nitrophenol	1800		69	48.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		37	48.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300		52	48.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	1500		44	48.8	200	ug/Kg
91-20-3	Naphthalene	1300		28	48.8	200	ug/Kg
106-47-8	4-Chloroaniline	1000		41	48.8	380	ug/Kg
87-68-3	Hexachlorobutadiene	1300		40	48.8	200	ug/Kg
105-60-2	Caprolactam	1200		73	94.7	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1500		47	48.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	1300		28	48.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	1300		37	48.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1100		110	94.7	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		28	48.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500		38	48.8	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXZ4MSD			SDG No.:	BG082224
Lab Sample ID:	P3673-22MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13
Sample Wt/Vol:	30.04	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
BG062558.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1300		30	48.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	1300		38	48.8	200	ug/Kg
88-74-4	2-Nitroaniline	1700		52	48.8	200	ug/Kg
131-11-3	Dimethylphthalate	1200		34	48.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	1700		23	48.8	200	ug/Kg
208-96-8	Acenaphthylene	1300		33	48.8	200	ug/Kg
99-09-2	3-Nitroaniline	1500		76	94.7	380	ug/Kg
83-32-9	Acenaphthene	1300		30	48.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	1700		150	94.7	380	ug/Kg
100-02-7	4-Nitrophenol	1400		51	94.7	380	ug/Kg
132-64-9	Dibenzofuran	1300		31	48.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		40	48.8	200	ug/Kg
84-66-2	Diethylphthalate	1200		38	48.8	200	ug/Kg
86-73-7	Fluorene	1200		31	48.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		23	48.8	200	ug/Kg
100-01-6	4-Nitroaniline	1400		28	94.7	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		44	94.7	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1300		28	48.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300		39	48.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1400		30	48.8	200	ug/Kg
118-74-1	Hexachlorobenzene	1300		32	48.8	200	ug/Kg
1912-24-9	Atrazine	950		32	94.7	380	ug/Kg
87-86-5	Pentachlorophenol	1400		100	94.7	380	ug/Kg
85-01-8	Phenanthrene	1300		31	48.8	200	ug/Kg
608-93-5	Pentachlorobenzene	1300		42	48.8	200	ug/Kg
120-12-7	Anthracene	1200		29	48.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1400		20	48.8	200	ug/Kg
86-74-8	Carbazole	1200		39	94.7	380	ug/Kg
84-74-2	Di-n-butylphthalate	1300		31	48.8	200	ug/Kg
206-44-0	Fluoranthene	1400		22	94.7	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXZ4MSD			SDG No.:	BG082224
Lab Sample ID:	P3673-22MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13
Sample Wt/Vol:	30.04	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
BG062558.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		21	48.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	1500		25	48.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		60	94.7	380	ug/Kg
56-55-3	Benzo(a)anthracene	1300		26	48.8	200	ug/Kg
218-01-9	Chrysene	1300		28	48.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		29	48.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		55	94.7	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	1400		42	48.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1300		44	48.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	1300		36	48.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		32	48.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400		30	48.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1400		37	48.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		41	48.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.508		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	9.55		20-120		24	SPK: -40
4165-62-2	Phenol-d5	29.099		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.719		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.899		15-120		75	SPK: -40
190780-66-6	4-Methylphenol-d8	29.186		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	34.329		10-135		86	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.498		10-120		96	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.679		10-140		82	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.06		1-145		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.927		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	26.856		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.822		10-150		67	SPK: -40
81103-79-9	Fluorene-d10	27.033		20-140		68	SPK: -40

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:				Date Collected:	8/16/2024 12:00:00 AM
Project:				Date Received:	8/16/2024 12:00:00 AM
Client Sample ID:	DCXZ4MSD			SDG No.:	BG082224
Lab Sample ID:	P3673-22MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	13
Sample Wt/Vol:	30.04	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
BG062558.D	1	8/21/2024 12:00:00 AM	8/23/2024 12:00:00 AM	PB162898

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	38.893		10-130		97	SPK: -40
1719-06-8	Anthracene-d10	27.727		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	29.925		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.576		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59525	7.933				
1146-65-2	Naphthalene-d8	289629	10.73				
15067-26-2	Acenaphthene-d10	229494	14.56				
1517-22-2	Phenanthrene-d10	488575	17.303				
1719-03-5	Chrysene-d12	427363	21.55				
1520-96-3	Perylene-d12	481045	24.634				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	30	U			99	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BG082224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID : DCXY7									
P3673-01	DCXY7	Solid	(DEL) Alkane: Cyclic21.223	*	230.000	J			
P3673-01	DCXY7	Solid	(DEL) Alkane: Straight-Chain25.7	*	120.000	J			
P3673-01	DCXY7	Solid	.gamma.-Sitosterol	*	460.000	J			
P3673-01	DCXY7	Solid	1,4-Dimethyl-8-isopropylidenetric	*	240.000	J			
P3673-01	DCXY7	Solid	1-Heneicosanol	*	100.000	J			
P3673-01	DCXY7	Solid	1-Phenoxypropan-2-ol	*	75.000	J			
P3673-01	DCXY7	Solid	Dehydroabietic acid	*	280.000	J			
P3673-01	DCXY7	Solid	Heptadecanoic acid	*	81.000	J			
P3673-01	DCXY7	Solid	Methyl dehydroabietate	*	100.000	J			
P3673-01	DCXY7	Solid	Octacosanol	*	360.000	J			
P3673-01	DCXY7	Solid	Octadecanoic acid	*	110.000	J			
P3673-01	DCXY7	Solid	Stigmast-4-en-3-one	*	290.000	J			
P3673-01	DCXY7	Solid	Tetracosanoic acid	*	87.000	J			
P3673-01	DCXY7	Solid	Tetradecanoic acid	*	260.000	J			
P3673-01	DCXY7	Solid	unknown-01	*	540.000	J			
P3673-01	DCXY7	Solid	unknown-02	*	150.000	J			
P3673-01	DCXY7	Solid	Total Alkanes	*	350.000		28	180	ug/Kg
			Total Tics :		**3,833.00**				
P3673-01	DCXY7	Solid	Bis(2-ethylhexyl)phthalate		36.000	J	27	180	ug/Kg
			Total Svoc :		**36.00**				
			Total Concentration:		**3,869.00**				
Client ID : DCXZ9									
P3673-02	DCXZ9	Solid	(3aR,4R,7R)-1,4,9,9-Tetramethyl-	*	980.000	J			
P3673-02	DCXZ9	Solid	(DEL) Alkane: Cyclic21.216	*	110.000	J			
P3673-02	DCXZ9	Solid	1-Heneicosanol	*	130.000	J			
P3673-02	DCXZ9	Solid	1-Phenoxypropan-2-ol	*	79.000	J			
P3673-02	DCXZ9	Solid	n-Hexadecanoic acid	*	110.000	J			
P3673-02	DCXZ9	Solid	unknown-01	*	80.000	J			
P3673-02	DCXZ9	Solid	unknown-02	*	530.000	J			
P3673-02	DCXZ9	Solid	Total Alkanes	*	110.000		30	190	ug/Kg
			Total Tics :		**2,129.00**				
			Total Concentration:		**2,129.00**				
Client ID : DCYD0									
P3673-03	DCYD0	Solid	(DEL) Alkane: Straight-Chain23.7	*	120.000	J			
P3673-03	DCYD0	Solid	(DEL) Alkane: Straight-Chain25.7	*	100.000	J			
P3673-03	DCYD0	Solid	.alpha.-Pinene	*	120.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BG082224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3673-03	DCYD0	Solid	1-Octadecanol	*	150.000	J			
P3673-03	DCYD0	Solid	1-Phenoxypropan-2-ol	*	97.000	J			
P3673-03	DCYD0	Solid	n-Hexadecanoic acid	*	120.000	J			
P3673-03	DCYD0	Solid	Pentadecafluorooctanoic acid, oct	*	150.000	J			
P3673-03	DCYD0	Solid	unknown-01	*	91.000	J			
P3673-03	DCYD0	Solid	unknown-02	*	210.000	J			
P3673-03	DCYD0	Solid	unknown-03	*	1,100.000	J			
P3673-03	DCYD0	Solid	Total Alkanes	*	220.000		33	220	ug/Kg
			Total Tics :		**2,478.00**				
			Total Concentration:		**2,478.00**				
Client ID :	**DCYD1**								
P3673-04	DCYD1	Solid	(S)-(+)-1,2-Propanediol	*	95.000	J			
P3673-04	DCYD1	Solid	1-Phenoxypropan-2-ol	*	110.000	J			
P3673-04	DCYD1	Solid	13-Tetradecen-1-ol acetate	*	88.000	J			
P3673-04	DCYD1	Solid	n-Hexadecanoic acid	*	100.000	J			
P3673-04	DCYD1	Solid	Pentadecafluorooctanoic acid, oct	*	120.000	J			
P3673-04	DCYD1	Solid	unknown-01	*	150.000	J			
P3673-04	DCYD1	Solid	Total Alkanes	*	0.000		33	210	ug/Kg
			Total Tics :		**663.00**				
			Total Concentration:		**663.00**				
Client ID :	**DCYD2**								
P3673-05	DCYD2	Solid	(DEL) Alkane: Straight-Chain21.	*	120.000	J			
P3673-05	DCYD2	Solid	1-Phenoxypropan-2-ol	*	92.000	J			
P3673-05	DCYD2	Solid	n-Hexadecanoic acid	*	120.000	J			
P3673-05	DCYD2	Solid	unknown-01	*	130.000	J			
P3673-05	DCYD2	Solid	unknown-02	*	340.000	J			
P3673-05	DCYD2	Solid	Total Alkanes	*	120.000		35	230	ug/Kg
			Total Tics :		**922.00**				
			Total Concentration:		**922.00**				
Client ID :	**DCYI8**								
P3673-07	DCYI8	Solid	Total Alkanes	*	0.000		31	200	ug/Kg
			Total Tics :		**0.00**				
			Total Concentration:		**0.00**				
Client ID :	**DCXX7**								
P3673-08	DCXX7	Solid	(DEL) Alkane: Straight-Chain21.	*	100.000	J			
P3673-08	DCXX7	Solid	1-Phenoxypropan-2-ol	*	110.000	J			
P3673-08	DCXX7	Solid	n-Hexadecanoic acid	*	75.000	J			
P3673-08	DCXX7	Solid	unknown-01	*	110.000	J			
P3673-08	DCXX7	Solid	Total Alkanes	*	100.000		29	190	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BG082224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Tics :		**495.00**				
			Total Concentration:		**495.00**				
Client ID :	**DCXY3**								
P3673-10	DCXY3	Solid	(DEL) Alkane: Straight-Chain25.8	*	120.000	J			
P3673-10	DCXY3	Solid	(S)-(+)-1,2-Propanediol	*	200.000	J			
P3673-10	DCXY3	Solid	1-Phenoxypropan-2-ol	*	150.000	J			
P3673-10	DCXY3	Solid	9-Octadecenamide, (Z)-	*	170.000	J			
P3673-10	DCXY3	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	96.000	J			
P3673-10	DCXY3	Solid	Heptadecyl trifluoroacetate	*	140.000	J			
P3673-10	DCXY3	Solid	n-Hexadecanoic acid	*	130.000	J			
P3673-10	DCXY3	Solid	Total Alkanes	*	120.000		32	210	ug/Kg
			Total Tics :		**1,126.00**				
			Total Concentration:		**1,126.00**				
Client ID :	**DCYB9**								
P3673-11	DCYB9	Solid	(DEL) Alkane: Cyclic21.216	*	120.000	J			
P3673-11	DCYB9	Solid	1-Phenoxypropan-2-ol	*	150.000	J			
P3673-11	DCYB9	Solid	Diethyl carbitol	*	82.000	J			
P3673-11	DCYB9	Solid	Propylene Glycol	*	200.000	J			
P3673-11	DCYB9	Solid	unknown-01	*	250.000	J			
P3673-11	DCYB9	Solid	Total Alkanes	*	120.000		30	190	ug/Kg
			Total Tics :		**922.00**				
			Total Concentration:		**922.00**				
Client ID :	**DCYC3**								
P3673-12	DCYC3	Solid	(DEL) Alkane: Straight-Chain21.2	*	110.000	J			
P3673-12	DCYC3	Solid	(S)-(+)-1,2-Propanediol	*	120.000	J			
P3673-12	DCYC3	Solid	1-Phenoxypropan-2-ol	*	120.000	J			
P3673-12	DCYC3	Solid	Total Alkanes	*	110.000		30	200	ug/Kg
			Total Tics :		**460.00**				
			Total Concentration:		**460.00**				
Client ID :	**DCYD9**								
P3673-13	DCYD9	Solid	(DEL) Alkane: Cyclic25.875	*	110.000	J			
P3673-13	DCYD9	Solid	(DEL) Alkane: Straight-Chain22.3	*	140.000	J			
P3673-13	DCYD9	Solid	(DEL) Alkane: Straight-Chain23.7	*	120.000	J			
P3673-13	DCYD9	Solid	(DEL) Alkane: Straight-Chain25.7	*	100.000	J			
P3673-13	DCYD9	Solid	1-Propanol, 3-phenoxy-	*	150.000	J			
P3673-13	DCYD9	Solid	Heptadecyl trifluoroacetate	*	170.000	J			
P3673-13	DCYD9	Solid	n-Hexadecanoic acid	*	150.000	J			
P3673-13	DCYD9	Solid	Propylene Glycol	*	160.000	J			
P3673-13	DCYD9	Solid	Total Alkanes	*	470.000		33	210	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BG082224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Tics :		**1,570.00**				
			Total Concentration:		**1,570.00**				
Client ID :	**DCXX6**								
P3673-15	DCXX6	Solid	(DEL) Alkane: Cyclic21.219	*	120.000	J			
P3673-15	DCXX6	Solid	(DEL) Alkane: Straight-Chain22.3	*	130.000	J			
P3673-15	DCXX6	Solid	1-Phenoxypropan-2-ol	*	120.000	J			
P3673-15	DCXX6	Solid	n-Hexadecanoic acid	*	87.000	J			
P3673-15	DCXX6	Solid	unknown-01	*	180.000	J			
P3673-15	DCXX6	Solid	Total Alkanes	*	250.000		29	190	ug/Kg
			Total Tics :		**887.00**				
			Total Concentration:		**887.00**				
Client ID :	**DCXZ6**								
P3673-16	DCXZ6	Solid	(DEL) Alkane: Straight-Chain21.2	*	270.000	J			
P3673-16	DCXZ6	Solid	(DEL) Alkane: Straight-Chain23.1	*	190.000	J			
P3673-16	DCXZ6	Solid	(DEL) Alkane: Straight-Chain25.1	*	170.000	J			
P3673-16	DCXZ6	Solid	(S)-(+)-1,2-Propanediol	*	120.000	J			
P3673-16	DCXZ6	Solid	1-Heneicosanol	*	200.000	J			
P3673-16	DCXZ6	Solid	1-Phenoxypropan-2-ol	*	140.000	J			
P3673-16	DCXZ6	Solid	Bicyclo[3.1.1]hept-2-ene, 3,6,6-tr	*	92.000	J			
P3673-16	DCXZ6	Solid	Farnesol isomer a	*	100.000	J			
P3673-16	DCXZ6	Solid	n-Hexadecanoic acid	*	350.000	J			
P3673-16	DCXZ6	Solid	Octadecanoic acid	*	140.000	J			
P3673-16	DCXZ6	Solid	Silane, monochloride, methylviny	*	480.000	J			
P3673-16	DCXZ6	Solid	unknown-01	*	180.000	J			
P3673-16	DCXZ6	Solid	Total Alkanes	*	630.000		35	230	ug/Kg
			Total Tics :		**3,062.00**				
			Total Concentration:		**3,062.00**				
Client ID :	**DCYE5**								
P3673-17	DCYE5	Solid	(DEL) Alkane: Straight-Chain21.2	*	98.000	J			
P3673-17	DCYE5	Solid	n-Hexadecanoic acid	*	130.000	J			
P3673-17	DCYE5	Solid	unknown-01	*	100.000	J			
P3673-17	DCYE5	Solid	Total Alkanes	*	98.000		32	210	ug/Kg
			Total Tics :		**426.00**				
			Total Concentration:		**426.00**				
Client ID :	**DCYI9**								
P3673-19	DCYI9	Solid	(DEL) Alkane: Cyclic21.214	*	130.000	J			
P3673-19	DCYI9	Solid	(S)-(+)-1,2-Propanediol	*	110.000	J			
P3673-19	DCYI9	Solid	1-Phenoxypropan-2-ol	*	93.000	J			
P3673-19	DCYI9	Solid	n-Hexadecanoic acid	*	95.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BG082224

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3673-19	DCYI9	Solid	unknown-01	*	330.000	J			
P3673-19	DCYI9	Solid	unknown-02	*	260.000	J			
P3673-19	DCYI9	Solid	Total Alkanes	*	130.000		32	210	ug/Kg
			Total Tics :		**1,148.00**				
			Total Concentration:		**1,148.00**				
Client ID : DCXZ4									
P3673-20	DCXZ4	Solid	((1R,4aS,10aR)-7-isopropyl-1,4a-	*	81.000	J			
P3673-20	DCXZ4	Solid	(DEL) Alkane: Cyclic21.217	*	160.000	J			
P3673-20	DCXZ4	Solid	1-Phenoxypropan-2-ol	*	160.000	J			
P3673-20	DCXZ4	Solid	D-Limonene	*	190.000	J			
P3673-20	DCXZ4	Solid	n-Hexadecanoic acid	*	160.000	J			
P3673-20	DCXZ4	Solid	Pentanedioic acid, dimethyl ester	*	79.000	J			
P3673-20	DCXZ4	Solid	Propylene Glycol	*	180.000	J			
P3673-20	DCXZ4	Solid	unknown-01	*	77.000	J			
P3673-20	DCXZ4	Solid	unknown-02	*	670.000	J			
P3673-20	DCXZ4	Solid	unknown-03	*	200.000	J			
P3673-20	DCXZ4	Solid	Total Alkanes	*	160.000		30	190	ug/Kg
			Total Tics :		**2,117.00**				
			Total Concentration:		**2,117.00**				

CHEMTECH

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
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.

CHEMTECH

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
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.

CHEMTECH

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG082224 SAS No.: BG082224 SDG NO.: BG082224

EPA Sample No.: SSTD020433 Date Analyzed: Aug 22 2024 12:00AM

Lab File ID: BG062392.D Time Analyzed: 12:42

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	SBLK898	41991	7.93	203525	10.73	168130	14.56
02	SLCS898	50115	7.94	230173	10.73	190307	14.56
03	DCXY7	63265	7.94	278569	10.73	220529	14.56
04	DCXZ9	68534	7.94	318090	10.73	248377	14.56
05	DCYD0	70664	7.94	310680	10.73	252209	14.56
06	DCYD1	63276	7.94	289457	10.73	240171	14.56
07	DCYI8	79306	7.94	344290	10.73	273842	14.56
08	SBLK898	60228	7.94	265531	10.73	213114	14.56
09	DCYD2	67883	7.94	316992	10.73	260764	14.56
10	DCXX7	70779	7.94	321765	10.73	260883	14.56
11	DCXY3	70769	7.94	330675	10.73	258089	14.56
12	DCYB9	74311	7.94	335081	10.73	259972	14.56
13	DCYC3	70429	7.94	329800	10.73	269676	14.56
14	DCYD9	76466	7.93	342523	10.73	265493	14.56
15	DCXX6	63921	7.94	298249	10.73	236660	14.56
16	DCXZ6	65100	7.94	305633	10.73	237667	14.56
17	DCYE5	68045	7.94	316764	10.73	255982	14.56
18	DCYI9	72460	7.94	333554	10.73	262918	14.56
19	DCXZ4	58735	7.94	270797	10.73	215075	14.56
20	DCXZ4MS	68480	7.93	307095	10.73	238903	14.56
21	DCXZ4MSD	59525	7.93	289629	10.73	229494	14.56

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG082224 SAS No.: BG082224 SDG NO.: BG082224

EPA Sample No.: SSTD020433 Date Analyzed: Aug 23 2024 12:00AM

Lab File ID: BG062392.D Time Analyzed: 03:33

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.						

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG082224 SAS No.: BG082224 SDG NO.: BG082224

EPA Sample No.: SSTD020470 Date Analyzed: Aug 22 2024 12:00AM

Lab File ID: BG062536.D Time Analyzed: 12:42

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	70170	7.935	335299	10.73	269710	14.56
	UPPER LIMIT	140340	8.435	670598	11.231	539420	15.061
	LOWER LIMIT	35085	7.435	167649.5	10.231	134855	14.061
	EPA SAMPLE NO.						
01	SBLK898	41991	7.93	203525	10.73	168130	14.56
02	SLCS898	50115	7.94	230173	10.73	190307	14.56
03	DCXY7	63265	7.94	278569	10.73	220529	14.56
04	DCXZ9	68534	7.94	318090	10.73	248377	14.56
05	DCYD0	70664	7.94	310680	10.73	252209	14.56
06	DCYD1	63276	7.94	289457	10.73	240171	14.56
07	DCYI8	79306	7.94	344290	10.73	273842	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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG082224 SAS No.: BG082224 SDG NO.: BG082224

EPA Sample No.: SSTD040471 Date Analyzed: Aug 22 2024 12:00AM

Lab File ID: BG062544.D Time Analyzed: 18:47

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	83727	7.935	375076	10.73	296572	14.56
	UPPER LIMIT	167454	8.435	750152	11.231	593144	15.061
	LOWER LIMIT	41863.5	7.435	187538	10.231	148286	14.061
	EPA SAMPLE NO.						
01	SBLK898	60228	7.94	265531	10.73	213114	14.56
02	DCYD2	67883	7.94	316992	10.73	260764	14.56
03	DCXX7	70779	7.94	321765	10.73	260883	14.56
04	DCXY3	70769	7.94	330675	10.73	258089	14.56
05	DCYB9	74311	7.94	335081	10.73	259972	14.56
06	DCYC3	70429	7.94	329800	10.73	269676	14.56
07	DCYD9	76466	7.93	342523	10.73	265493	14.56
08	DCXX6	63921	7.94	298249	10.73	236660	14.56
09	DCXZ6	65100	7.94	305633	10.73	237667	14.56
10	DCYE5	68045	7.94	316764	10.73	255982	14.56
11	DCYI9	72460	7.94	333554	10.73	262918	14.56
12	DCXZ4	58735	7.94	270797	10.73	215075	14.56
13	DCXZ4MS	68480	7.93	307095	10.73	238903	14.56
14	DCXZ4MSD	59525	7.93	289629	10.73	229494	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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG082224 SAS No.: BG082224 SDG NO.: BG082224

EPA Sample No.: SSTD020433 Date Analyzed: Aug 22 2024 12:00AM

Lab File ID: BG062392.D Time Analyzed: 12:42

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	SBLK898	402999	17.30	355210	21.55	401826	24.64
02	SLCS898	452428	17.31	391709	21.56	428913	24.64
03	DCXY7	488563	17.31	417420	21.55	483287	24.64
04	DCXZ9	573015	17.30	478630	21.55	556590	24.64
05	DCYD0	571912	17.31	489803	21.55	537491	24.64
06	DCYD1	576765	17.30	492889	21.55	535171	24.64
07	DCYI8	621975	17.30	526473	21.55	580317	24.64
08	SBLK898	489140	17.30	432732	21.55	485210	24.63
09	DCYD2	599796	17.30	522993	21.55	549363	24.63
10	DCXX7	604274	17.30	527114	21.55	575094	24.63
11	DCXY3	568844	17.30	500364	21.55	527982	24.63
12	DCYB9	562321	17.30	493272	21.55	527043	24.62
13	DCYC3	619382	17.30	542050	21.55	618823	24.63
14	DCYD9	576070	17.30	500868	21.55	558130	24.62
15	DCXX6	522044	17.30	458804	21.54	512472	24.63
16	DCXZ6	512533	17.30	444260	21.54	497713	24.63
17	DCYE5	574681	17.30	513392	21.55	569635	24.62
18	DCYI9	572800	17.30	494833	21.54	555329	24.63
19	DCXZ4	488075	17.30	421685	21.55	476416	24.62
20	DCXZ4MS	512445	17.30	447364	21.55	504827	24.63
21	DCXZ4MSD	488575	17.30	427363	21.55	481045	24.63

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG082224 SAS No.: BG082224 SDG NO.: BG082224

EPA Sample No.: SSTD020433 Date Analyzed: Aug 23 2024 12:00AM

Lab File ID: BG062392.D Time Analyzed: 03:33

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.						

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.

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG082224 SAS No.: BG082224 SDG NO.: BG082224

EPA Sample No.: SSTD020470 Date Analyzed: Aug 22 2024 12:00AM

Lab File ID: BG062536.D Time Analyzed: 12:42

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	612284	17.304	535816	21.558	605971	24.647
	UPPER LIMIT	1224568	17.804	1071632	22.058	1211942	25.147
	LOWER LIMIT	306142	16.804	267908	21.058	302985.5	24.147
	EPA SAMPLE NO.						
01	SBLK898	402999	17.30	355210	21.55	401826	24.64
02	SLCS898	452428	17.31	391709	21.56	428913	24.64
03	DCXY7	488563	17.31	417420	21.55	483287	24.64
04	DCXZ9	573015	17.30	478630	21.55	556590	24.64
05	DCYD0	571912	17.31	489803	21.55	537491	24.64
06	DCYD1	576765	17.30	492889	21.55	535171	24.64
07	DCYI8	621975	17.30	526473	21.55	580317	24.64

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG082224 SAS No.: BG082224 SDG NO.: BG082224

EPA Sample No.: SSTD040471 Date Analyzed: Aug 22 2024 12:00AM

Lab File ID: BG062544.D Time Analyzed: 18:47

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	687475	17.305	611003	21.552	668244	24.642
	UPPER LIMIT	1374950	17.805	1222006	22.052	1336488	25.142
	LOWER LIMIT	343737.5	16.805	305501.5	21.052	334122	24.142
	EPA SAMPLE NO.						
01	SBLK898	489140	17.30	432732	21.55	485210	24.63
02	DCYD2	599796	17.30	522993	21.55	549363	24.63
03	DCXX7	604274	17.30	527114	21.55	575094	24.63
04	DCXY3	568844	17.30	500364	21.55	527982	24.63
05	DCYB9	562321	17.30	493272	21.55	527043	24.62
06	DCYC3	619382	17.30	542050	21.55	618823	24.63
07	DCYD9	576070	17.30	500868	21.55	558130	24.62
08	DCXX6	522044	17.30	458804	21.54	512472	24.63
09	DCXZ6	512533	17.30	444260	21.54	497713	24.63
10	DCYE5	574681	17.30	513392	21.55	569635	24.62
11	DCYI9	572800	17.30	494833	21.54	555329	24.63
12	DCXZ4	488075	17.30	421685	21.55	476416	24.62
13	DCXZ4MS	512445	17.30	447364	21.55	504827	24.63
14	DCXZ4MSD	488575	17.30	427363	21.55	481045	24.63

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.

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Fax : 908 789 8922

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG082224

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	RPD
PB162898BS	1,4-Dioxane	530	360	ug/Kg	68				0	0	
	Benzaldehyde	1300	860	ug/Kg	66				0	0	
	Pyridine	1300	910	ug/Kg	70				0	0	
	Phenol	1300	970	ug/Kg	75				0	0	
	Bis(2-chloroethyl)ether	1300	910	ug/Kg	70				0	0	
	2-Chlorophenol	1300	1000	ug/Kg	77				0	0	
	2-Methylphenol	1300	970	ug/Kg	75				0	0	
	2,2-oxybis(1-Chloropropane)	1300	960	ug/Kg	74				0	0	
	Acetophenone	1300	900	ug/Kg	69				0	0	
	4-Methylphenol	1300	920	ug/Kg	71				0	0	
	N-Nitroso-di-n-propylamine	1300	920	ug/Kg	71				0	0	
	Hexachloroethane	1300	1100	ug/Kg	85				0	0	
	Nitrobenzene	1300	1100	ug/Kg	85				0	0	
	Isophorone	1300	940	ug/Kg	72				0	0	
	2-Nitrophenol	1300	1300	ug/Kg	100				0	0	
	2,4-Dimethylphenol	1300	810	ug/Kg	62				0	0	
	Bis(2-chloroethoxy)methane	1300	1000	ug/Kg	77				0	0	
	2,4-Dichlorophenol	1300	1100	ug/Kg	85				0	0	
	Naphthalene	1300	980	ug/Kg	75				0	0	
	4-Chloroaniline	1300	770	ug/Kg	59				0	0	
	Hexachlorobutadiene	1300	980	ug/Kg	75				0	0	
	Caprolactam	1300	1000	ug/Kg	77				0	0	
	4-Chloro-3-methylphenol	1300	1100	ug/Kg	85				0	0	
	1-Methylnaphthalene	1300	990	ug/Kg	76				0	0	
	2-Methylnaphthalene	1300	960	ug/Kg	74				0	0	
	Hexachlorocyclopentadiene	1300	760	ug/Kg	58				0	0	
	2,4,6-Trichlorophenol	1300	900	ug/Kg	69				0	0	
	2,4,5-Trichlorophenol	1300	1000	ug/Kg	77				0	0	
	1,1'-Biphenyl	1300	920	ug/Kg	71				0	0	
	2-Chloronaphthalene	1300	930	ug/Kg	72				0	0	
	2-Nitroaniline	1300	1200	ug/Kg	92				0	0	
	Dimethylphthalate	1300	950	ug/Kg	73				0	0	
	2,6-Dinitrotoluene	1300	1300	ug/Kg	100				0	0	
	Acenaphthylene	1300	990	ug/Kg	76				0	0	
	3-Nitroaniline	1300	1200	ug/Kg	92				0	0	
	Acenaphthene	1300	910	ug/Kg	70				0	0	
	2,4-Dinitrophenol	1300	1200	ug/Kg	92				0	0	
	4-Nitrophenol	1300	1100	ug/Kg	85				0	0	
	Dibenzofuran	1300	980	ug/Kg	75				0	0	
	2,4-Dinitrotoluene	1300	1300	ug/Kg	100				0	0	
	Diethylphthalate	1300	1000	ug/Kg	77				0	0	
	Fluorene	1300	980	ug/Kg	75				0	0	
	4-Chlorophenyl-phenylether	1300	990	ug/Kg	76				0	0	
	4-Nitroaniline	1300	1200	ug/Kg	92				0	0	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG082224

Client:

Analytical Method: SFAM_SVOC **DataFile:**

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD Qual	Limits Low	Limits High	Limits RPD
PB162898BS	4,6-Dinitro-2-methylphenol	1300	1200	ug/Kg	92				0	0	
	N-Nitrosodiphenylamine	1300	1000	ug/Kg	77				0	0	
	1,2,4,5-Tetrachlorobenzene	1300	890	ug/Kg	68				0	0	
	4-Bromophenyl-phenylether	1300	1000	ug/Kg	77				0	0	
	Hexachlorobenzene	1300	970	ug/Kg	75				0	0	
	Atrazine	1300	49	ug/Kg	4				0	0	
	Pentachlorophenol	1300	780	ug/Kg	60				0	0	
	Phenanthrene	1300	960	ug/Kg	74				0	0	
	Pentachlorobenzene	1300	900	ug/Kg	69				0	0	
	Anthracene	1300	980	ug/Kg	75				0	0	
	1,2,3,4-Tetrachlorobenzene	1300	920	ug/Kg	71				0	0	
	Carbazole	1300	1000	ug/Kg	77				0	0	
	Di-n-butylphthalate	1300	1000	ug/Kg	77				0	0	
	Fluoranthene	1300	1100	ug/Kg	85				0	0	
	Pyrene	1300	1000	ug/Kg	77				0	0	
	Butylbenzylphthalate	1300	1100	ug/Kg	85				0	0	
	3,3'-Dichlorobenzidine	1300	1000	ug/Kg	77				0	0	
	Benzo(a)anthracene	1300	1000	ug/Kg	77				0	0	
	Chrysene	1300	1000	ug/Kg	77				0	0	
	Bis(2-ethylhexyl)phthalate	1300	1100	ug/Kg	85				0	0	
	Di-n-octylphthalate	1300	1100	ug/Kg	85				0	0	
	Benzo(b)fluoranthene	1300	1000	ug/Kg	77				0	0	
	Benzo(k)fluoranthene	1300	1000	ug/Kg	77				0	0	
	Benzo(a)pyrene	1300	990	ug/Kg	76				0	0	
	Indeno(1,2,3-cd)pyrene	1300	1000	ug/Kg	77				0	0	
	Dibenzo(a,h)anthracene	1300	1000	ug/Kg	77				0	0	
	Benzo(g,h,i)perylene	1300	1100	ug/Kg	85				0	0	
	2,3,4,6-Tetrachlorophenol	1300	870	ug/Kg	67				0	0	

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK898

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BG082224 SAS No.: BG082224 SDG NO.: BG082224

Lab File ID: BG062545.D Lab Sample ID: PB162898BL

Instrument ID: BNA_G Date Extracted: 08/21/2024

Matrix: (soil/water) Solid Date Analyzed: 08/22/2024

Level: (low/med) LOW Time Analyzed: 18:47

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162898BS	PB162898BS	BG062538.D	08/22/2024
DCXY7	P3673-01	BG062539.D	08/22/2024
DCXZ9	P3673-02	BG062540.D	08/22/2024
DCYD0	P3673-03	BG062541.D	08/22/2024
DCYD1	P3673-04	BG062542.D	08/22/2024
DCYI8	P3673-07	BG062543.D	08/22/2024
DCYD2	P3673-05	BG062546.D	08/22/2024
DCXX7	P3673-08	BG062547.D	08/22/2024
DCXY3	P3673-10	BG062548.D	08/22/2024
DCYB9	P3673-11	BG062549.D	08/22/2024
DCYC3	P3673-12	BG062550.D	08/22/2024
DCYD9	P3673-13	BG062551.D	08/22/2024
DCXX6	P3673-15	BG062552.D	08/22/2024
DCXZ6	P3673-16	BG062553.D	08/23/2024
DCYE5	P3673-17	BG062554.D	08/23/2024
DCYI9	P3673-19	BG062555.D	08/23/2024
DCXZ4	P3673-20	BG062556.D	08/23/2024
DCXZ4MS	P3673-21MS	BG062557.D	08/23/2024
DCXZ4MSD	P3673-22MSD	BG062558.D	08/23/2024

COMMENTS:

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG082224

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P3673-21MS		**Client Sample ID: DCXZ4MS**						**DataFile:**	**BG062557.D**		
1,4-Dioxane	610		400	ug/Kg	66				15	120	
Benzaldehyde	1500		1200	ug/Kg	80				0	0	
Pyridine	1500		1000	ug/Kg	67				0	0	
Phenol	1500		1200	ug/Kg	80				26	90	
Bis(2-chloroethyl)ether	1500		1100	ug/Kg	73				0	0	
2-Chlorophenol	1500		1200	ug/Kg	80				25	102	
2-Methylphenol	1500		1100	ug/Kg	73				0	0	
2,2-oxybis(1-Chloropropane)	1500		1100	ug/Kg	73				0	0	
Acetophenone	1500		1000	ug/Kg	67				0	0	
4-Methylphenol	1500		1100	ug/Kg	73				0	0	
N-Nitroso-di-n-propylamine	1500		1100	ug/Kg	73				41	126	
Hexachloroethane	1500		1200	ug/Kg	80				0	0	
Nitrobenzene	1500		1300	ug/Kg	87				0	0	
Isophorone	1500		1100	ug/Kg	73				0	0	
2-Nitrophenol	1500		1600	ug/Kg	107				0	0	
2,4-Dimethylphenol	1500		1000	ug/Kg	67				0	0	
Bis(2-chloroethoxy)methane	1500		1100	ug/Kg	73				0	0	
2,4-Dichlorophenol	1500		1300	ug/Kg	87				0	0	
Naphthalene	1500		1100	ug/Kg	73				0	0	
4-Chloroaniline	1500		910	ug/Kg	61				0	0	
Hexachlorobutadiene	1500		1100	ug/Kg	73				0	0	
Caprolactam	1500		1000	ug/Kg	67				0	0	
4-Chloro-3-methylphenol	1500		1200	ug/Kg	80				26	103	
1-Methylnaphthalene	1500		1100	ug/Kg	73				0	0	
2-Methylnaphthalene	1500		1100	ug/Kg	73				0	0	
Hexachlorocyclopentadiene	1500		950	ug/Kg	63				0	0	
2,4,6-Trichlorophenol	1500		1300	ug/Kg	87				0	0	
2,4,5-Trichlorophenol	1500		1300	ug/Kg	87				0	0	
1,1'-Biphenyl	1500		1100	ug/Kg	73				0	0	
2-Chloronaphthalene	1500		1100	ug/Kg	73				0	0	
2-Nitroaniline	1500		1400	ug/Kg	93				0	0	
Dimethylphthalate	1500		1100	ug/Kg	73				0	0	
2,6-Dinitrotoluene	1500		1500	ug/Kg	100				0	0	
Acenaphthylene	1500		1100	ug/Kg	73				0	0	
3-Nitroaniline	1500		1300	ug/Kg	87				0	0	
Acenaphthene	1500		1100	ug/Kg	73				31	137	
2,4-Dinitrophenol	1500		1500	ug/Kg	100				0	0	
4-Nitrophenol	1500		1100	ug/Kg	73				11	114	
Dibenzofuran	1500		1100	ug/Kg	73				0	0	
2,4-Dinitrotoluene	1500		1400	ug/Kg	93	*			28	89	
Diethylphthalate	1500		1100	ug/Kg	73				0	0	
Fluorene	1500		1100	ug/Kg	73				0	0	
4-Chlorophenyl-phenylether	1500		1100	ug/Kg	73				0	0	
4-Nitroaniline	1500		1200	ug/Kg	80				0	0	
4,6-Dinitro-2-methylphenol	1500		1500	ug/Kg	100				0	0	
N-Nitrosodiphenylamine	1500		1200	ug/Kg	80				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG082224

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1500		1100	ug/Kg	73				0	0	
4-Bromophenyl-phenylether	1500		1200	ug/Kg	80				0	0	
Hexachlorobenzene	1500		1100	ug/Kg	73				0	0	
Atrazine	1500		790	ug/Kg	53				0	0	
Pentachlorophenol	1500		1200	ug/Kg	80				17	109	
Phenanthrene	1500		1100	ug/Kg	73				0	0	
Pentachlorobenzene	1500		1200	ug/Kg	80				0	0	
Anthracene	1500		1100	ug/Kg	73				0	0	
1,2,3,4-Tetrachlorobenzene	1500		1200	ug/Kg	80				0	0	
Carbazole	1500		1000	ug/Kg	67				0	0	
Di-n-butylphthalate	1500		1100	ug/Kg	73				0	0	
Fluoranthene	1500		1200	ug/Kg	80				0	0	
Pyrene	1500		1200	ug/Kg	80				35	142	
Butylbenzylphthalate	1500		1300	ug/Kg	87				0	0	
3,3'-Dichlorobenzidine	1500		930	ug/Kg	62				0	0	
Benzo(a)anthracene	1500		1100	ug/Kg	73				0	0	
Chrysene	1500		1100	ug/Kg	73				0	0	
Bis(2-ethylhexyl)phthalate	1500		1300	ug/Kg	87				0	0	
Di-n-octylphthalate	1500		1300	ug/Kg	87				0	0	
Benzo(b)fluoranthene	1500		1200	ug/Kg	80				0	0	
Benzo(k)fluoranthene	1500		1100	ug/Kg	73				0	0	
Benzo(a)pyrene	1500		1100	ug/Kg	73				0	0	
Indeno(1,2,3-cd)pyrene	1500		1100	ug/Kg	73				0	0	
Dibenzo(a,h)anthracene	1500		1100	ug/Kg	73				0	0	
Benzo(g,h,i)perylene	1500		1100	ug/Kg	73				0	0	
2,3,4,6-Tetrachlorophenol	1500		1200	ug/Kg	80				0	0	

Alliance TECHNICAL GROUP
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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG082224

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: P3673-22MSD		**Client Sample ID: DCXZ4MSD**						**DataFile:**	**BG062558.D**		
1,4-Dioxane	610		470	ug/Kg	77		15		15	120	50
Benzaldehyde	1500		1500	ug/Kg	100		22	*	0	0	0
Pyridine	1500		1200	ug/Kg	80		18	*	0	0	0
Phenol	1500		1400	ug/Kg	93	*	15		26	90	35
Bis(2-chloroethyl)ether	1500		1300	ug/Kg	87		18	*	0	0	0
2-Chlorophenol	1500		1500	ug/Kg	100		22		25	102	50
2-Methylphenol	1500		1400	ug/Kg	93		24	*	0	0	0
2,2-oxybis(1-Chloropropane)	1500		1300	ug/Kg	87		18	*	0	0	0
Acetophenone	1500		1300	ug/Kg	87		26	*	0	0	0
4-Methylphenol	1500		1400	ug/Kg	93		24	*	0	0	0
N-Nitroso-di-n-propylamine	1500		1300	ug/Kg	87		18		41	126	38
Hexachloroethane	1500		1500	ug/Kg	100		22	*	0	0	0
Nitrobenzene	1500		1500	ug/Kg	100		14	*	0	0	0
Isophorone	1500		1200	ug/Kg	80		9	*	0	0	0
2-Nitrophenol	1500		1800	ug/Kg	120		11	*	0	0	0
2,4-Dimethylphenol	1500		1200	ug/Kg	80		18	*	0	0	0
Bis(2-chloroethoxy)methane	1500		1300	ug/Kg	87		18	*	0	0	0
2,4-Dichlorophenol	1500		1500	ug/Kg	100		14	*	0	0	0
Naphthalene	1500		1300	ug/Kg	87		18	*	0	0	0
4-Chloroaniline	1500		1000	ug/Kg	67		9	*	0	0	0
Hexachlorobutadiene	1500		1300	ug/Kg	87		18	*	0	0	0
Caprolactam	1500		1200	ug/Kg	80		18	*	0	0	0
4-Chloro-3-methylphenol	1500		1500	ug/Kg	100		22		26	103	33
1-Methylnaphthalene	1500		1300	ug/Kg	87		18	*	0	0	0
2-Methylnaphthalene	1500		1300	ug/Kg	87		18	*	0	0	0
Hexachlorocyclopentadiene	1500		1100	ug/Kg	73		15	*	0	0	0
2,4,6-Trichlorophenol	1500		1400	ug/Kg	93		7	*	0	0	0
2,4,5-Trichlorophenol	1500		1500	ug/Kg	100		14	*	0	0	0
1,1'-Biphenyl	1500		1300	ug/Kg	87		18	*	0	0	0
2-Chloronaphthalene	1500		1300	ug/Kg	87		18	*	0	0	0
2-Nitroaniline	1500		1700	ug/Kg	113		19	*	0	0	0
Dimethylphthalate	1500		1200	ug/Kg	80		9	*	0	0	0
2,6-Dinitrotoluene	1500		1700	ug/Kg	113		12	*	0	0	0
Acenaphthylene	1500		1300	ug/Kg	87		18	*	0	0	0
3-Nitroaniline	1500		1500	ug/Kg	100		14	*	0	0	0
Acenaphthene	1500		1300	ug/Kg	87		18		31	137	19
2,4-Dinitrophenol	1500		1700	ug/Kg	113		12	*	0	0	0
4-Nitrophenol	1500		1400	ug/Kg	93		24		11	114	50
Dibenzofuran	1500		1300	ug/Kg	87		18	*	0	0	0
2,4-Dinitrotoluene	1500		1700	ug/Kg	113	*	19		28	89	47
Diethylphthalate	1500		1200	ug/Kg	80		9	*	0	0	0
Fluorene	1500		1200	ug/Kg	80		9	*	0	0	0
4-Chlorophenyl-phenylether	1500		1200	ug/Kg	80		9	*	0	0	0
4-Nitroaniline	1500		1400	ug/Kg	93		15	*	0	0	0
4,6-Dinitro-2-methylphenol	1500		1700	ug/Kg	113		12	*	0	0	0
N-Nitrosodiphenylamine	1500		1300	ug/Kg	87		8	*	0	0	0

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG082224

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,2,4,5-Tetrachlorobenzene	1500		1300	ug/Kg	87		18	*	0	0	0
4-Bromophenyl-phenylether	1500		1400	ug/Kg	93		15	*	0	0	0
Hexachlorobenzene	1500		1300	ug/Kg	87		18	*	0	0	0
Atrazine	1500		950	ug/Kg	63		17	*	0	0	0
Pentachlorophenol	1500		1400	ug/Kg	93		15		17	109	47
Phenanthrene	1500		1300	ug/Kg	87		18	*	0	0	0
Pentachlorobenzene	1500		1300	ug/Kg	87		8	*	0	0	0
Anthracene	1500		1200	ug/Kg	80		9	*	0	0	0
1,2,3,4-Tetrachlorobenzene	1500		1400	ug/Kg	93		15	*	0	0	0
Carbazole	1500		1200	ug/Kg	80		18	*	0	0	0
Di-n-butylphthalate	1500		1300	ug/Kg	87		18	*	0	0	0
Fluoranthene	1500		1400	ug/Kg	93		15	*	0	0	0
Pyrene	1500		1400	ug/Kg	93		15		35	142	36
Butylbenzylphthalate	1500		1500	ug/Kg	100		14	*	0	0	0
3,3'-Dichlorobenzidine	1500		1100	ug/Kg	73		16	*	0	0	0
Benzo(a)anthracene	1500		1300	ug/Kg	87		18	*	0	0	0
Chrysene	1500		1300	ug/Kg	87		18	*	0	0	0
Bis(2-ethylhexyl)phthalate	1500		1500	ug/Kg	100		14	*	0	0	0
Di-n-octylphthalate	1500		1500	ug/Kg	100		14	*	0	0	0
Benzo(b)fluoranthene	1500		1400	ug/Kg	93		15	*	0	0	0
Benzo(k)fluoranthene	1500		1300	ug/Kg	87		18	*	0	0	0
Benzo(a)pyrene	1500		1300	ug/Kg	87		18	*	0	0	0
Indeno(1,2,3-cd)pyrene	1500		1400	ug/Kg	93		24	*	0	0	0
Dibenzo(a,h)anthracene	1500		1400	ug/Kg	93		24	*	0	0	0
Benzo(g,h,i)perylene	1500		1400	ug/Kg	93		24	*	0	0	0
2,3,4,6-Tetrachlorophenol	1500		1400	ug/Kg	93		15	*	0	0	0

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Surrogate Summary

SW-846

SDG No.: BG082224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3673-01	DCXY7	BG062539.D	1,4-Dioxane-d8	8	1.94	24		15	120
			Pyridine-d5	40	2.27	6	*	20	120
			Phenol-d5	40	12.80	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.88	30		10	150
			2-Chlorophenol-d4	40	13.78	34		15	120
			4-Methylphenol-d8	40	12.44	31		10	140
			Nitrobenzene-d5	40	16.15	40		10	135
			2-Nitrophenol-d4	40	17.61	44		10	120
			2,4-Dichlorophenol-d3	40	14.96	37		10	140
			4-Chloroaniline-d4	40	5.02	13		1	145
			Dimethylphthalate-d6	40	12.95	32		10	145
			Acenaphthylene-d8	40	13.31	33		15	120
			4-Nitrophenol-d4	40	9.60	24		10	150
			Fluorene-d10	40	13.65	34		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.74	32		10	130
			Anthracene-d10	40	13.58	34		10	150
			Pyrene-d10	40	15.08	38		10	130
			Benzo(a)pyrene-d12	40	13.85	35		10	140
P3673-02	DCXZ9	BG062540.D	1,4-Dioxane-d8	8	1.85	23		15	120
			Pyridine-d5	40	4.48	11	*	20	120
			Phenol-d5	40	11.81	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.58	26		10	150
			2-Chlorophenol-d4	40	12.56	31		15	120
			4-Methylphenol-d8	40	11.85	30		10	140
			Nitrobenzene-d5	40	13.95	35		10	135
			2-Nitrophenol-d4	40	15.53	39		10	120
			2,4-Dichlorophenol-d3	40	13.45	34		10	140
			4-Chloroaniline-d4	40	10.57	26		1	145
			Dimethylphthalate-d6	40	12.01	30		10	145
			Acenaphthylene-d8	40	12.16	30		15	120
			4-Nitrophenol-d4	40	10.62	27		10	150
			Fluorene-d10	40	12.54	31		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.26	28		10	130
			Anthracene-d10	40	12.26	31		10	150
			Pyrene-d10	40	13.92	35		10	130
			Benzo(a)pyrene-d12	40	12.45	31		10	140
P3673-03	DCYD0	BG062541.D	1,4-Dioxane-d8	8	1.91	24		15	120
			Pyridine-d5	40	5.04	13	*	20	120
			Phenol-d5	40	12.97	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.62	29		10	150
			2-Chlorophenol-d4	40	13.24	33		15	120
			4-Methylphenol-d8	40	13.59	34		10	140
			Nitrobenzene-d5	40	15.76	39		10	135
			2-Nitrophenol-d4	40	17.54	44		10	120
			2,4-Dichlorophenol-d3	40	15.19	38		10	140
			4-Chloroaniline-d4	40	10.66	27		1	145
			Dimethylphthalate-d6	40	13.25	33		10	145
			Acenaphthylene-d8	40	13.48	34		15	120
			4-Nitrophenol-d4	40	12.16	30		10	150

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Surrogate Summary

SW-846

SDG No.: BG082224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3673-03	DCYD0	BG062541.D	Fluorene-d10	40	13.97	35		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.03	33		10	130
			Anthracene-d10	40	13.76	34		10	150
			Pyrene-d10	40	15.30	38		10	130
			Benzo(a)pyrene-d12	40	14.23	36		10	140
P3673-04	DCYD1	BG062542.D	1,4-Dioxane-d8	8	2.33	29		15	120
			Pyridine-d5	40	3.94	10	*	20	120
			Phenol-d5	40	14.21	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.68	34		10	150
			2-Chlorophenol-d4	40	14.91	37		15	120
			4-Methylphenol-d8	40	14.10	35		10	140
			Nitrobenzene-d5	40	16.85	42		10	135
			2-Nitrophenol-d4	40	19.13	48		10	120
			2,4-Dichlorophenol-d3	40	16.46	41		10	140
			4-Chloroaniline-d4	40	12.03	30		1	145
			Dimethylphthalate-d6	40	15.10	38		10	145
			Acenaphthylene-d8	40	14.80	37		15	120
			4-Nitrophenol-d4	40	14.01	35		10	150
			Fluorene-d10	40	16.13	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.57	39		10	130
			Anthracene-d10	40	15.89	40		10	150
			Pyrene-d10	40	18.02	45		10	130
			Benzo(a)pyrene-d12	40	16.22	41		10	140
P3673-05	DCYD2	BG062546.D	1,4-Dioxane-d8	8	2.31	29		15	120
			Pyridine-d5	40	8.01	20		20	120
			Phenol-d5	40	13.85	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.10	33		10	150
			2-Chlorophenol-d4	40	14.74	37		15	120
			4-Methylphenol-d8	40	14.34	36		10	140
			Nitrobenzene-d5	40	16.67	42		10	135
			2-Nitrophenol-d4	40	19.07	48		10	120
			2,4-Dichlorophenol-d3	40	15.50	39		10	140
			4-Chloroaniline-d4	40	12.96	32		1	145
			Dimethylphthalate-d6	40	13.58	34		10	145
			Acenaphthylene-d8	40	14.03	35		15	120
			4-Nitrophenol-d4	40	12.12	30		10	150
			Fluorene-d10	40	14.52	36		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.88	35		10	130
			Anthracene-d10	40	14.26	36		10	150
			Pyrene-d10	40	15.63	39		10	130
			Benzo(a)pyrene-d12	40	14.87	37		10	140
P3673-07	DCYI8	BG062543.D	Pyridine-d5	40	9.72	24		20	120
			1,4-Dioxane-d8	8	1.85	23		15	120
			Phenol-d5	40	11.47	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.19	28		10	150
			2-Chlorophenol-d4	40	12.43	31		15	120
			4-Methylphenol-d8	40	11.22	28		10	140
			Nitrobenzene-d5	40	15.22	38		10	135
			2-Nitrophenol-d4	40	17.15	43		10	120

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Surrogate Summary

SW-846

SDG No.: BG082224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3673-07	DCYI8	BG062543.D	2,4-Dichlorophenol-d3	40	12.89	32		10	140
			4-Chloroaniline-d4	40	11.92	30		1	145
			Dimethylphthalate-d6	40	12.23	31		10	145
			Acenaphthylene-d8	40	12.28	31		15	120
			4-Nitrophenol-d4	40	10.86	27		10	150
			Fluorene-d10	40	12.63	32		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.29	26		10	130
			Anthracene-d10	40	12.95	32		10	150
			Pyrene-d10	40	14.33	36		10	130
			Benzo(a)pyrene-d12	40	13.33	33		10	140
P3673-08	DCXX7	BG062547.D	1,4-Dioxane-d8	8	2.77	35		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	15.26	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.12	35		10	150
			2-Chlorophenol-d4	40	16.18	40		15	120
			4-Methylphenol-d8	40	15.18	38		10	140
			Nitrobenzene-d5	40	18.76	47		10	135
			2-Nitrophenol-d4	40	20.63	52		10	120
			2,4-Dichlorophenol-d3	40	16.96	42		10	140
			4-Chloroaniline-d4	40	12.99	32		1	145
			Dimethylphthalate-d6	40	14.84	37		10	145
			Acenaphthylene-d8	40	15.44	39		15	120
			4-Nitrophenol-d4	40	13.62	34		10	150
			Fluorene-d10	40	15.94	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.97	37		10	130
			Anthracene-d10	40	16.10	40		10	150
			Pyrene-d10	40	17.19	43		10	130
			Benzo(a)pyrene-d12	40	15.76	39		10	140
P3673-10	DCXY3	BG062548.D	1,4-Dioxane-d8	8	2.93	37		15	120
			Pyridine-d5	40	2.12	5	*	20	120
			Phenol-d5	40	16.50	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.61	39		10	150
			2-Chlorophenol-d4	40	17.15	43		15	120
			4-Methylphenol-d8	40	17.25	43		10	140
			Nitrobenzene-d5	40	20.41	51		10	135
			2-Nitrophenol-d4	40	22.30	56		10	120
			2,4-Dichlorophenol-d3	40	18.05	45		10	140
			4-Chloroaniline-d4	40	14.46	36		1	145
			Dimethylphthalate-d6	40	15.97	40		10	145
			Acenaphthylene-d8	40	16.64	42		15	120
			4-Nitrophenol-d4	40	14.68	37		10	150
			Fluorene-d10	40	16.55	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.58	41		10	130
			Anthracene-d10	40	16.86	42		10	150
			Pyrene-d10	40	18.11	45		10	130
			Benzo(a)pyrene-d12	40	17.70	44		10	140
P3673-11	DCYB9	BG062549.D	1,4-Dioxane-d8	8	3.33	42		15	120
			Pyridine-d5	40	17.35	43		20	120
			Phenol-d5	40	19.26	48		10	130

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Surrogate Summary

SW-846

SDG No.: BG082224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3673-11	DCYB9	BG062549.D	Bis(2-Chloroethyl)ether-d8	40	18.03	45		10	150
			2-Chlorophenol-d4	40	20.08	50		15	120
			4-Methylphenol-d8	40	17.15	43		10	140
			Nitrobenzene-d5	40	23.11	58		10	135
			2-Nitrophenol-d4	40	26.91	67		10	120
			2,4-Dichlorophenol-d3	40	21.57	54		10	140
			4-Chloroaniline-d4	40	19.18	48		1	145
			Dimethylphthalate-d6	40	20.07	50		10	145
			Acenaphthylene-d8	40	19.91	50		15	120
			4-Nitrophenol-d4	40	17.08	43		10	150
			Fluorene-d10	40	20.23	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.22	48		10	130
			Anthracene-d10	40	20.93	52		10	150
			Pyrene-d10	40	22.12	55		10	130
			Benzo(a)pyrene-d12	40	21.90	55		10	140
P3673-12	DCYC3	BG062550.D	1,4-Dioxane-d8	8	2.82	35		15	120
			Pyridine-d5	40	14.60	36		20	120
			Phenol-d5	40	16.33	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.88	37		10	150
			2-Chlorophenol-d4	40	17.43	44		15	120
			4-Methylphenol-d8	40	16.25	41		10	140
			Nitrobenzene-d5	40	18.97	47		10	135
			2-Nitrophenol-d4	40	21.74	54		10	120
			2,4-Dichlorophenol-d3	40	17.88	45		10	140
			4-Chloroaniline-d4	40	15.58	39		1	145
			Dimethylphthalate-d6	40	15.47	39		10	145
			Acenaphthylene-d8	40	15.98	40		15	120
			4-Nitrophenol-d4	40	13.62	34		10	150
			Fluorene-d10	40	16.38	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.52	39		10	130
			Anthracene-d10	40	16.59	41		10	150
			Pyrene-d10	40	18.00	45		10	130
			Benzo(a)pyrene-d12	40	16.89	42		10	140
P3673-13	DCYD9	BG062551.D	1,4-Dioxane-d8	8	2.49	31		15	120
			Pyridine-d5	40	8.36	21		20	120
			Phenol-d5	40	14.20	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.86	37		10	150
			2-Chlorophenol-d4	40	16.37	41		15	120
			4-Methylphenol-d8	40	9.95	25		10	140
			Nitrobenzene-d5	40	19.65	49		10	135
			2-Nitrophenol-d4	40	21.24	53		10	120
			2,4-Dichlorophenol-d3	40	16.75	42		10	140
			4-Chloroaniline-d4	40	10.99	27		1	145
			Dimethylphthalate-d6	40	15.10	38		10	145
			Acenaphthylene-d8	40	15.78	39		15	120
			4-Nitrophenol-d4	40	12.33	31		10	150
			Fluorene-d10	40	15.93	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.56	41		10	130
			Anthracene-d10	40	16.05	40		10	150

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Surrogate Summary

SW-846

SDG No.: BG082224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3673-13	DCYD9	BG062551.D	Pyrene-d10	40	17.36	43		10	130
			Benzo(a)pyrene-d12	40	16.35	41		10	140
P3673-15	DCXX6	BG062552.D	1,4-Dioxane-d8	8	2.30	29		15	120
			Pyridine-d5	40	1.99	5	*	20	120
			Phenol-d5	40	14.71	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.35	33		10	150
			2-Chlorophenol-d4	40	14.83	37		15	120
			4-Methylphenol-d8	40	14.90	37		10	140
			Nitrobenzene-d5	40	16.92	42		10	135
			2-Nitrophenol-d4	40	18.90	47		10	120
			2,4-Dichlorophenol-d3	40	15.64	39		10	140
			4-Chloroaniline-d4	40	12.76	32		1	145
			Dimethylphthalate-d6	40	13.97	35		10	145
			Acenaphthylene-d8	40	14.30	36		15	120
			4-Nitrophenol-d4	40	12.15	30		10	150
			Fluorene-d10	40	14.67	37		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.41	36		10	130
			Anthracene-d10	40	14.72	37		10	150
			Pyrene-d10	40	15.97	40		10	130
			Benzo(a)pyrene-d12	40	15.05	38		10	140
P3673-16	DCXZ6	BG062553.D	1,4-Dioxane-d8	8	3.61	45		15	120
			Pyridine-d5	40	11.76	29		20	120
			Phenol-d5	40	22.03	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.54	51		10	150
			2-Chlorophenol-d4	40	23.03	58		15	120
			4-Methylphenol-d8	40	18.45	46		10	140
			Nitrobenzene-d5	40	27.51	69		10	135
			2-Nitrophenol-d4	40	31.66	79		10	120
			2,4-Dichlorophenol-d3	40	24.92	62		10	140
			4-Chloroaniline-d4	40	17.78	44		1	145
			Dimethylphthalate-d6	40	22.58	56		10	145
			Acenaphthylene-d8	40	23.67	59		15	120
			4-Nitrophenol-d4	40	18.08	45		10	150
			Fluorene-d10	40	23.48	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.55	61		10	130
			Anthracene-d10	40	23.65	59		10	150
			Pyrene-d10	40	25.72	64		10	130
			Benzo(a)pyrene-d12	40	24.44	61		10	140
P3673-17	DCYE5	BG062554.D	1,4-Dioxane-d8	8	2.15	27		15	120
			Pyridine-d5	40	5.88	15	*	20	120
			Phenol-d5	40	12.88	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.58	29		10	150
			2-Chlorophenol-d4	40	13.40	34		15	120
			4-Methylphenol-d8	40	13.05	33		10	140
			Nitrobenzene-d5	40	14.79	37		10	135
			2-Nitrophenol-d4	40	16.59	41		10	120
			2,4-Dichlorophenol-d3	40	14.25	36		10	140
			4-Chloroaniline-d4	40	12.10	30		1	145
			Dimethylphthalate-d6	40	12.93	32		10	145

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Surrogate Summary

SW-846

SDG No.: BG082224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3673-17	DCYE5	BG062554.D	Acenaphthylene-d8	40	12.95	32		15	120
			4-Nitrophenol-d4	40	11.48	29		10	150
			Fluorene-d10	40	13.39	33		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.85	32		10	130
			Anthracene-d10	40	13.53	34		10	150
			Pyrene-d10	40	14.62	37		10	130
			Benzo(a)pyrene-d12	40	14.13	35		10	140
P3673-19	DCYI9	BG062555.D	1,4-Dioxane-d8	8	2.28	28		15	120
			Pyridine-d5	40	5.74	14	*	20	120
			Phenol-d5	40	14.71	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.94	32		10	150
			2-Chlorophenol-d4	40	15.09	38		15	120
			4-Methylphenol-d8	40	15.08	38		10	140
			Nitrobenzene-d5	40	17.10	43		10	135
			2-Nitrophenol-d4	40	19.73	49		10	120
			2,4-Dichlorophenol-d3	40	16.68	42		10	140
			4-Chloroaniline-d4	40	13.60	34		1	145
			Dimethylphthalate-d6	40	14.81	37		10	145
			Acenaphthylene-d8	40	14.84	37		15	120
			4-Nitrophenol-d4	40	12.95	32		10	150
			Fluorene-d10	40	15.20	38		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.01	38		10	130
			Anthracene-d10	40	14.96	37		10	150
			Pyrene-d10	40	16.85	42		10	130
			Benzo(a)pyrene-d12	40	16.01	40		10	140
P3673-20	DCXZ4	BG062556.D	1,4-Dioxane-d8	8	4.65	58		15	120
			Pyridine-d5	40	10.35	26		20	120
			Phenol-d5	40	30.05	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.51	66		10	150
			2-Chlorophenol-d4	40	31.31	78		15	120
			4-Methylphenol-d8	40	30.29	76		10	140
			Nitrobenzene-d5	40	35.42	89		10	135
			2-Nitrophenol-d4	40	41.15	103		10	120
			2,4-Dichlorophenol-d3	40	33.63	84		10	140
			4-Chloroaniline-d4	40	27.02	68		1	145
			Dimethylphthalate-d6	40	29.60	74		10	145
			Acenaphthylene-d8	40	30.10	75		15	120
			4-Nitrophenol-d4	40	28.50	71		10	150
			Fluorene-d10	40	30.71	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	33.88	85		10	130
			Anthracene-d10	40	30.56	76		10	150
			Pyrene-d10	40	33.12	83		10	130
			Benzo(a)pyrene-d12	40	31.79	79		10	140
P3673-21MS	DCXZ4MS	BG062557.D	1,4-Dioxane-d8	8	3.54	44		15	120
			Pyridine-d5	40	7.64	19	*	20	120
			Phenol-d5	40	23.45	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.43	54		10	150
			2-Chlorophenol-d4	40	24.87	62		15	120
			4-Methylphenol-d8	40	23.34	58		10	140

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Surrogate Summary

SW-846

SDG No.: BG082224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3673-21MS	DCXZ4MS	BG062557.D	Nitrobenzene-d5	40	29.18	73		10	135
			2-Nitrophenol-d4	40	32.99	82		10	120
			2,4-Dichlorophenol-d3	40	27.24	68		10	140
			4-Chloroaniline-d4	40	21.40	53		1	145
			Dimethylphthalate-d6	40	23.28	58		10	145
			Acenaphthylene-d8	40	23.34	58		15	120
			4-Nitrophenol-d4	40	23.09	58		10	150
			Fluorene-d10	40	23.64	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	32.21	81		10	130
			Anthracene-d10	40	23.98	60		10	150
			Pyrene-d10	40	26.09	65		10	130
			Benzo(a)pyrene-d12	40	25.02	63		10	140
P3673-22MSD	DCXZ4MSD	BG062558.D	1,4-Dioxane-d8	8	4.51	56		15	120
			Pyridine-d5	40	9.55	24		20	120
			Phenol-d5	40	29.10	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.72	64		10	150
			2-Chlorophenol-d4	40	29.90	75		15	120
			4-Methylphenol-d8	40	29.19	73		10	140
			Nitrobenzene-d5	40	34.33	86		10	135
			2-Nitrophenol-d4	40	38.50	96		10	120
			2,4-Dichlorophenol-d3	40	32.68	82		10	140
			4-Chloroaniline-d4	40	25.06	63		1	145
			Dimethylphthalate-d6	40	26.93	67		10	145
			Acenaphthylene-d8	40	26.86	67		15	120
			4-Nitrophenol-d4	40	26.82	67		10	150
			Fluorene-d10	40	27.03	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	38.89	97		10	130
			Anthracene-d10	40	27.73	69		10	150
			Pyrene-d10	40	29.93	75		10	130
			Benzo(a)pyrene-d12	40	29.58	74		10	140
PB162898BL	PB162898BL	BG062545.D	1,4-Dioxane-d8	8	5.22	65		15	120
			Pyridine-d5	40	24.29	61		20	120
		BG062537.D	1,4-Dioxane-d8	8	6.13	77		15	120
			Pyridine-d5	40	28.91	72		20	120
			Phenol-d5	40	26.81	67		10	130
		BG062545.D	Phenol-d5	40	26.23	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.42	64		10	150
		BG062537.D	Bis(2-Chloroethyl)ether-d8	40	26.57	66		10	150
			2-Chlorophenol-d4	40	28.30	71		15	120
		BG062545.D	2-Chlorophenol-d4	40	27.46	69		15	120
			4-Methylphenol-d8	40	25.90	65		10	140
		BG062537.D	4-Methylphenol-d8	40	26.48	66		10	140
			Nitrobenzene-d5	40	30.92	77		10	135
		BG062545.D	Nitrobenzene-d5	40	33.52	84		10	135
			2-Nitrophenol-d4	40	38.61	97		10	120
		BG062537.D	2-Nitrophenol-d4	40	34.50	86		10	120
			2,4-Dichlorophenol-d3	40	28.28	71		10	140
		BG062545.D	2,4-Dichlorophenol-d3	40	29.03	73		10	140
			4-Chloroaniline-d4	40	23.55	59		1	145

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Surrogate Summary

SW-846

SDG No.: BG082224

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB162898BL	PB162898BL	BG062537.D	4-Chloroaniline-d4	40	23.33	58		1	145
			Dimethylphthalate-d6	40	26.64	67		10	145
		BG062545.D	Dimethylphthalate-d6	40	26.01	65		10	145
			Acenaphthylene-d8	40	26.24	66		15	120
		BG062537.D	Acenaphthylene-d8	40	25.39	63		15	120
			4-Nitrophenol-d4	40	26.50	66		10	150
		BG062545.D	4-Nitrophenol-d4	40	26.34	66		10	150
			Fluorene-d10	40	27.51	69		20	140
		BG062537.D	Fluorene-d10	40	27.04	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.40	68		10	130
		BG062545.D	4,6-Dinitro-2-methylphenol-d2	40	28.95	72		10	130
			Anthracene-d10	40	27.69	69		10	150
		BG062537.D	Anthracene-d10	40	28.37	71		10	150
			Pyrene-d10	40	30.47	76		10	130
		BG062545.D	Pyrene-d10	40	29.80	74		10	130
			Benzo(a)pyrene-d12	40	27.26	68		10	140
		BG062537.D	Benzo(a)pyrene-d12	40	27.35	68		10	140
PB162898BS	PB162898BS	BG062538.D	1,4-Dioxane-d8	8	6.28	79		15	120
			Pyridine-d5	40	26.91	67		20	120
			Phenol-d5	40	29.55	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.54	69		10	150
			2-Chlorophenol-d4	40	30.30	76		15	120
			4-Methylphenol-d8	40	28.71	72		10	140
			Nitrobenzene-d5	40	35.54	89		10	135
			2-Nitrophenol-d4	40	40.35	101		10	120
			2,4-Dichlorophenol-d3	40	33.07	83		10	140
			4-Chloroaniline-d4	40	24.72	62		1	145
			Dimethylphthalate-d6	40	28.61	72		10	145
			Acenaphthylene-d8	40	27.78	69		15	120
			4-Nitrophenol-d4	40	33.58	84		10	150
			Fluorene-d10	40	30.09	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	37.17	93		10	130
			Anthracene-d10	40	28.98	72		10	150
			Pyrene-d10	40	32.30	81		10	130
			Benzo(a)pyrene-d12	40	29.79	74		10	140

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BG082224

Lab Code: CHEM SAS No.: BG082224 SDG NO.: BG082224

Lab File ID: BG062535.D DFTPP Injection Date: 08/22/2024

Instrument ID: BNA_G DFTPP Injection Time: 11:15

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.6
68	Less than 2.0% of mass 69	0.2 (0.5) 1
69	Mass 69 relative abundance	33.2
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	38.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.1
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	11.2
442	Greater than 50% of mass 198	66.4
443	15.0 - 24.0% of mass 442	12.7 (19.1) 2

1-Value is % mass 69 2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020470	SSTDCCC020	BG062536.D	08/22/2024	11:59
SBLK898	PB162898BL	BG062537.D	08/22/2024	12:42
SLCS898	PB162898BS	BG062538.D	08/22/2024	13:22
DCXY7	P3673-01	BG062539.D	08/22/2024	14:02
DCXZ9	P3673-02	BG062540.D	08/22/2024	14:42
DCYD0	P3673-03	BG062541.D	08/22/2024	15:23
DCYD1	P3673-04	BG062542.D	08/22/2024	16:04
DCYI8	P3673-07	BG062543.D	08/22/2024	16:45
SSTD040471	SSTDCCC040	BG062544.D	08/22/2024	18:06
SBLK898	PB162898BL	BG062545.D	08/22/2024	18:47
DCYD2	P3673-05	BG062546.D	08/22/2024	19:28
DCXX7	P3673-08	BG062547.D	08/22/2024	20:08
DCXY3	P3673-10	BG062548.D	08/22/2024	20:49
DCYB9	P3673-11	BG062549.D	08/22/2024	21:29
DCYC3	P3673-12	BG062550.D	08/22/2024	22:10
DCYD9	P3673-13	BG062551.D	08/22/2024	22:50
DCXX6	P3673-15	BG062552.D	08/22/2024	23:31
DCXZ6	P3673-16	BG062553.D	08/23/2024	00:11

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BG082224

Lab Code: CHEM SAS No.: BG082224 SDG NO.: BG082224

Lab File ID: BG062535.D DFTPP Injection Date: 08/22/2024

Instrument ID: BNA_G DFTPP Injection Time: 11:15

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.6
68	Less than 2.0% of mass 69	0.2 (0.5) 1
69	Mass 69 relative abundance	33.2
70	Less than 2.0% of mass 69	0.2 (0.7) 1
127	10.0 - 80.0% of mass 198	38.9
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.1
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	11.2
442	Greater than 50% of mass 198	66.4
443	15.0 - 24.0% of mass 442	12.7 (19.1) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
DCYE5	P3673-17	BG062554.D	08/23/2024	00:52
DCYI9	P3673-19	BG062555.D	08/23/2024	01:32
DCXZ4	P3673-20	BG062556.D	08/23/2024	02:13
DCXZ4MS	P3673-21MS	BG062557.D	08/23/2024	02:53
DCXZ4MSD	P3673-22MSD	BG062558.D	08/23/2024	03:33
SSTD040472	SSTDCCC040EC	BG062559.D	08/23/2024	04:54