

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG071524 SAS No.: BG071524 SDG No.: BG071524

Instrument ID: BNA_G Calibration Date/Time: 7/15/2024 1:14:33

Lab File ID: BG062068.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020571 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.587	0.492	0.010	-16.2447	40.0
Benzaldehyde	1.158	1.086	0.010	-6.2319	40.0
Pyridine	1.678	1.539	0.010	-8.2972	40.0
Phenol	2.241	1.912	0.080	-14.6647	20.0
Bis(2-Chloroethyl)ether	1.721	1.361	0.100	-20.967	20.0
2-Chlorophenol	1.530	1.381	0.200	-9.6861	20.0
2-Methylphenol	1.599	1.431	0.010	-10.5413	20.0
2,2-oxybis(1-Chloropropane)	3.761	2.697	0.010	-28.2897	40.0
Acetophenone	2.847	2.344	0.060	-17.6685	20.0
4-Methylphenol	1.791	1.504	0.010	-16.0575	20.0
N-Nitroso-di-n-propylamine	1.594	1.265	0.050	-20.6196	30.0
Hexachloroethane	0.664	0.629	0.100	-5.1663	20.0
Nitrobenzene	0.432	0.394	0.050	-8.7676	25.0
Isophorone	0.975	0.744	0.050	-23.7639	25.0
2-Nitrophenol	0.177	0.164	0.050	-7.5828	25.0
2,4-Dimethylphenol	0.424	0.387	0.050	-8.683	25.0
Bis(2-Chloroethoxy)methane	0.537	0.392	0.050	-27.09	20.0
2,4-Dichlorophenol	0.315	0.305	0.060	-3.2373	20.0
Naphthalene	1.099	0.993	0.200	-9.6343	20.0
4-Chloroaniline	0.477	0.426	0.010	-10.6797	40.0
Hexachlorobutadiene	0.237	0.234	0.040	-1.4073	30.0
Caprolactam	0.123	0.108	0.010	-12.2959	40.0
4-Chloro-3-methylphenol	0.419	0.414	0.040	-1.2212	25.0
1-Methylnaphthalene	0.827	0.764	0.100	-7.5903	20.0
2-Methylnaphthalene	0.796	0.735	0.100	-7.6454	20.0
Hexachlorocyclopentadiene	0.400	0.342	0.010	-14.4521	40.0
2,4,6-Trichlorophenol	0.399	0.358	0.090	-10.2602	25.0
2,4,5-Trichlorophenol	0.438	0.404	0.100	-7.794	25.0
1,1-Biphenyl	1.541	1.324	0.200	-14.0534	20.0
2-Chloronaphthalene	1.157	1.003	0.300	-13.2616	20.0
2-Nitroaniline	0.463	0.436	0.050	-5.8283	40.0
Dimethylphthalate	1.582	1.375	0.300	-13.0473	20.0
2,6-Dinitrotoluene	0.300	0.288	0.080	-3.9568	30.0
Acenaphthylene	1.887	1.697	0.400	-10.0672	20.0
3-Nitroaniline	0.292	0.268	0.010	-8.2133	40.0
Acenaphthene	1.303	1.182	0.200	-9.3071	20.0
2,4-Dinitrophenol	0.157	0.164	0.010	4.5787	40.0
4-Nitrophenol	0.300	0.306	0.010	2.0693	40.0
Dibenzofuran	1.842	1.673	0.300	-9.1532	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG071524 SAS No.: BG071524 SDG No.: BG071524
Instrument ID: BNA_G Calibration Date/Time: 7/15/2024 1:14:33
Lab File ID: BG062068.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020571 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.440	0.466	0.070	5.971	30.0
Diethylphthalate	1.704	1.518	0.300	-10.9532	20.0
Fluorene	1.566	1.449	0.200	-7.508	20.0
4-Chlorophenyl-phenylether	0.787	0.745	0.100	-5.353	20.0
4-Nitroaniline	0.296	0.285	0.010	-3.6647	40.0
4,6-Dinitro-2-methylphenol	0.113	0.103	0.010	-9.3221	40.0
N-Nitrosodiphenylamine	0.546	0.469	0.050	-14.1981	20.0
1,2,4,5-Tetrachlorobenzene	0.601	0.550	0.100	-8.4843	20.0
4-Bromophenyl-phenylether	0.227	0.211	0.070	-7.0238	20.0
Hexachlorobenzene	0.261	0.249	0.050	-4.4418	25.0
Atrazine	0.216	0.202	0.010	-6.1214	25.0
Pentachlorophenol	0.143	0.136	0.010	-4.8563	40.0
Phenanthrene	1.055	0.922	0.200	-12.5583	20.0
Pentachlorobenzene	0.283	0.266	0.050	-6.1508	20.0
Anthracene	1.090	0.944	0.200	-13.3672	20.0
1,2,3,4-Tetrachlorobenzene	0.248	0.224	0.050	-9.6448	20.0
Carbazole	0.917	0.820	0.050	-10.5973	40.0
Di-n-butylphthalate	1.178	0.991	0.500	-15.8066	25.0
Fluoranthene	1.392	1.170	0.400	-15.9237	25.0
Pyrene	1.438	1.206	0.400	-16.1547	25.0
Butylbenzylphthalate	0.604	0.492	0.100	-18.4499	40.0
3,3-Dichlorobenzidine	0.476	0.465	0.010	-2.2582	40.0
Benzo (a) anthracene	1.448	1.307	0.300	-9.7628	30.0
Chrysene	1.356	1.208	0.200	-10.881	30.0
Bis(2-ethylhexyl)phthalate	0.866	0.715	0.200	-17.405	40.0
Di-n-octyl phthalate	1.222	1.076	0.010	-11.956	40.0
Benzo (b) fluoranthene	1.260	1.151	0.200	-8.6283	25.0
Benzo (k) fluoranthene	1.257	1.140	0.200	-9.2897	25.0
Benzo (a) pyrene	1.193	1.102	0.200	-7.6049	20.0
Indeno (1,2,3-cd) pyrene	1.525	1.395	0.200	-8.5014	25.0
Dibenzo (a,h) anthracene	1.259	1.135	0.200	-9.85	30.0
Benzo (g,h,i) perylene	1.213	1.105	0.200	-8.8912	30.0
2,3,4,6-Tetrachlorophenol	0.396	0.368	0.040	-6.9192	20.0
1,4-Dioxane-d8	0.532	0.490	0.010	-7.9868	25.0
Pyridine-d5	1.636	1.405	0.010	-14.1494	40.0
Phenol-d5	2.189	1.992	0.010	-8.9744	25.0
Bis- (2-Chloroethyl) ether-d8	1.386	1.045	0.050	-24.6042	25.0
2-Chlorophenol-d4	1.501	1.379	0.200	-8.1228	20.0
4-Methylphenol-d8	1.723	1.443	0.010	-16.2364	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG071524 SAS No.: BG071524 SDG No.: BG071524

Instrument ID: BNA_G Calibration Date/Time: 7/15/2024 1:14:33

Lab File ID: BG062068.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020571 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.152	0.137	0.050	-9.9264	20.0
2-Nitrophenol-d4	0.174	0.157	0.050	-9.3826	30.0
2,4-Dichlorophenol-d3	0.335	0.318	0.060	-5.0907	20.0
4-Chloroaniline-d4	0.486	0.456	0.010	-6.2932	40.0
Dimethylphthalate-d6	1.644	1.472	0.300	-10.4908	20.0
Acenaphthylene-d8	1.719	1.568	0.400	-8.7901	20.0
4-Nitrophenol-d4	0.263	0.215	0.010	-18.1247	40.0
Fluorene-d10	1.384	1.281	0.100	-7.4297	20.0
4,6-Dinitro-2-methylphenol-d2	0.105	0.089	0.010	-15.6006	40.0
Anthracene-d10	0.934	0.840	0.300	-10.044	20.0
Pyrene-d10	1.176	1.015	0.300	-13.7512	25.0
Benzo(a)pyrene-d12	0.992	0.926	0.010	-6.6053	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.: BG071524 SAS No.: BG071524 SDG No.: BG071524

Instrument ID: BNA_G Calibration Date/Time: 7/16/2024 1:00:51

Lab File ID: BG062082.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020572 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.587	0.495	0.010	-15.7437	40.0
Benzaldehyde	1.158	1.039	0.010	-10.29	40.0
Pyridine	1.678	1.266	0.010	-24.5473	40.0
Phenol	2.241	1.915	0.080	-14.5361	20.0
Bis(2-Chloroethyl)ether	1.721	1.249	0.100	-27.4639	20.0
2-Chlorophenol	1.530	1.366	0.200	-10.7027	20.0
2-Methylphenol	1.599	1.376	0.010	-13.9809	20.0
2,2-oxybis(1-Chloropropane)	3.761	2.674	0.010	-28.9012	40.0
Acetophenone	2.847	2.342	0.060	-17.738	20.0
4-Methylphenol	1.791	1.507	0.010	-15.8889	20.0
N-Nitroso-di-n-propylamine	1.594	1.199	0.050	-24.7837	30.0
Hexachloroethane	0.664	0.648	0.100	-2.3657	20.0
Nitrobenzene	0.432	0.392	0.050	-9.1888	25.0
Isophorone	0.975	0.718	0.050	-26.4439	25.0
2-Nitrophenol	0.177	0.175	0.050	-1.4658	25.0
2,4-Dimethylphenol	0.424	0.382	0.050	-9.9084	25.0
Bis(2-Chloroethoxy)methane	0.537	0.390	0.050	-27.4707	20.0
2,4-Dichlorophenol	0.315	0.304	0.060	-3.2812	20.0
Naphthalene	1.099	0.991	0.200	-9.8206	20.0
4-Chloroaniline	0.477	0.409	0.010	-14.3454	40.0
Hexachlorobutadiene	0.237	0.274	0.040	15.6031	30.0
Caprolactam	0.123	0.097	0.010	-21.3159	40.0
4-Chloro-3-methylphenol	0.419	0.376	0.040	-10.4084	25.0
1-Methylnaphthalene	0.827	0.738	0.100	-10.8052	20.0
2-Methylnaphthalene	0.796	0.691	0.100	-13.2212	20.0
Hexachlorocyclopentadiene	0.400	0.139	0.010	-65.1333	40.0
2,4,6-Trichlorophenol	0.399	0.380	0.090	-4.7683	25.0
2,4,5-Trichlorophenol	0.438	0.417	0.100	-4.877	25.0
1,1-Biphenyl	1.541	1.405	0.200	-8.8259	20.0
2-Chloronaphthalene	1.157	1.075	0.300	-7.0107	20.0
2-Nitroaniline	0.463	0.458	0.050	-1.0325	40.0
Dimethylphthalate	1.582	1.348	0.300	-14.7376	20.0
2,6-Dinitrotoluene	0.300	0.276	0.080	-7.8712	30.0
Acenaphthylene	1.887	1.653	0.400	-12.4145	20.0
3-Nitroaniline	0.292	0.257	0.010	-12.145	40.0
Acenaphthene	1.303	1.130	0.200	-13.2999	20.0
2,4-Dinitrophenol	0.157	0.137	0.010	-12.7719	40.0
4-Nitrophenol	0.300	0.270	0.010	-9.7672	40.0
Dibenzofuran	1.842	1.635	0.300	-11.2073	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG071524 SAS No.: BG071524 SDG No.: BG071524

Instrument ID: BNA_G Calibration Date/Time: 7/16/2024 1:00:51

Lab File ID: BG062082.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020572 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.440	0.409	0.070	-6.9832	30.0
Diethylphthalate	1.704	1.404	0.300	-17.6278	20.0
Fluorene	1.566	1.346	0.200	-14.0528	20.0
4-Chlorophenyl-phenylether	0.787	0.725	0.100	-7.8909	20.0
4-Nitroaniline	0.296	0.259	0.010	-12.6496	40.0
4,6-Dinitro-2-methylphenol	0.113	0.089	0.010	-21.6043	40.0
N-Nitrosodiphenylamine	0.546	0.494	0.050	-9.4898	20.0
1,2,4,5-Tetrachlorobenzene	0.601	0.608	0.100	1.1844	20.0
4-Bromophenyl-phenylether	0.227	0.223	0.070	-1.8245	20.0
Hexachlorobenzene	0.261	0.260	0.050	-0.5215	25.0
Atrazine	0.216	0.208	0.010	-3.38	25.0
Pentachlorophenol	0.143	0.160	0.010	11.3969	40.0
Phenanthrene	1.055	0.926	0.200	-12.1671	20.0
Pentachlorobenzene	0.283	0.304	0.050	7.3218	20.0
Anthracene	1.090	0.960	0.200	-11.9416	20.0
1,2,3,4-Tetrachlorobenzene	0.248	0.279	0.050	12.3072	20.0
Carbazole	0.917	0.809	0.050	-11.7654	40.0
Di-n-butylphthalate	1.178	1.016	0.500	-13.7611	25.0
Fluoranthene	1.392	1.228	0.400	-11.779	25.0
Pyrene	1.438	1.242	0.400	-13.6478	25.0
Butylbenzylphthalate	0.604	0.506	0.100	-16.1694	40.0
3,3-Dichlorobenzidine	0.476	0.471	0.010	-1.1027	40.0
Benzo (a) anthracene	1.448	1.284	0.300	-11.3619	30.0
Chrysene	1.356	1.179	0.200	-13.0588	30.0
Bis(2-ethylhexyl)phthalate	0.866	0.734	0.200	-15.2518	40.0
Di-n-octyl phthalate	1.222	1.110	0.010	-9.1721	40.0
Benzo (b) fluoranthene	1.260	1.152	0.200	-8.613	25.0
Benzo (k) fluoranthene	1.257	1.163	0.200	-7.4289	25.0
Benzo (a) pyrene	1.193	1.121	0.200	-6.0248	20.0
Indeno (1,2,3-cd) pyrene	1.525	1.235	0.200	-18.9996	25.0
Dibenzo (a,h) anthracene	1.259	1.079	0.200	-14.3458	30.0
Benzo (g,h,i) perylene	1.213	0.908	0.200	-25.1223	30.0
2,3,4,6-Tetrachlorophenol	0.396	0.347	0.040	-12.4044	20.0
1,4-Dioxane-d8	0.532	0.391	0.010	-26.4813	25.0
Pyridine-d5	1.636	1.264	0.010	-22.7799	40.0
Phenol-d5	2.189	1.920	0.010	-12.2695	25.0
Bis- (2-Chloroethyl) ether-d8	1.386	1.008	0.050	-27.2951	25.0
2-Chlorophenol-d4	1.501	1.362	0.200	-9.2938	20.0
4-Methylphenol-d8	1.723	1.494	0.010	-13.3331	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG071524 SAS No.: BG071524 SDG No.: BG071524

Instrument ID: BNA_G Calibration Date/Time: 7/16/2024 1:00:51

Lab File ID: BG062082.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020572 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.152	0.141	0.050	-7.1745	20.0
2-Nitrophenol-d4	0.174	0.174	0.050	0.1922	30.0
2,4-Dichlorophenol-d3	0.335	0.331	0.060	-1.1455	20.0
4-Chloroaniline-d4	0.486	0.423	0.010	-13.043	40.0
Dimethylphthalate-d6	1.644	1.399	0.300	-14.9209	20.0
Acenaphthylene-d8	1.719	1.553	0.400	-9.6719	20.0
4-Nitrophenol-d4	0.263	0.195	0.010	-25.6244	40.0
Fluorene-d10	1.384	1.222	0.100	-11.7127	20.0
4,6-Dinitro-2-methylphenol-d2	0.105	0.078	0.010	-25.6027	40.0
Anthracene-d10	0.934	0.854	0.300	-8.5507	20.0
Pyrene-d10	1.176	1.056	0.300	-10.2453	25.0
Benzo(a)pyrene-d12	0.992	0.918	0.010	-7.4082	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG071524 SAS No.: BG071524 SDG No.: BG071524

Instrument ID: BNA_G Calibration Date/Time: 7/16/2024 1:04:15

Lab File ID: BG062087.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020573 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.587	0.474	0.010	-19.2527	50.0
Benzaldehyde	1.158	1.069	0.010	-7.7178	50.0
Pyridine	1.678	1.300	0.010	-22.5378	50.0
Phenol	2.241	1.859	0.080	-17.0347	50.0
Bis(2-Chloroethyl) ether	1.721	1.297	0.100	-24.6621	50.0
2-Chlorophenol	1.530	1.383	0.200	-9.5735	50.0
2-Methylphenol	1.599	1.401	0.010	-12.4188	50.0
2,2-oxybis(1-Chloropropane)	3.761	2.720	0.010	-27.6825	50.0
Acetophenone	2.847	2.250	0.060	-20.9488	50.0
4-Methylphenol	1.791	1.489	0.010	-16.8502	50.0
N-Nitroso-di-n-propylamine	1.594	1.191	0.050	-25.2418	50.0
Hexachloroethane	0.664	0.595	0.100	-10.3739	50.0
Nitrobenzene	0.432	0.379	0.050	-12.1871	50.0
Isophorone	0.975	0.705	0.050	-27.7169	50.0
2-Nitrophenol	0.177	0.166	0.050	-6.4526	50.0
2,4-Dimethylphenol	0.424	0.379	0.050	-10.7171	50.0
Bis(2-Chloroethoxy) methane	0.537	0.380	0.050	-29.3174	50.0
2,4-Dichlorophenol	0.315	0.302	0.060	-3.8935	50.0
Naphthalene	1.099	0.983	0.200	-10.5644	50.0
4-Chloroaniline	0.477	0.406	0.010	-14.9495	50.0
Hexachlorobutadiene	0.237	0.257	0.040	8.5737	50.0
Caprolactam	0.123	0.089	0.010	-27.5603	50.0
4-Chloro-3-methylphenol	0.419	0.379	0.040	-9.5163	50.0
1-Methylnaphthalene	0.827	0.731	0.100	-11.6454	50.0
2-Methylnaphthalene	0.796	0.673	0.100	-15.483	50.0
Hexachlorocyclopentadiene	0.400	0.148	0.010	-62.8766	50.0
2,4,6-Trichlorophenol	0.399	0.377	0.090	-5.5279	50.0
2,4,5-Trichlorophenol	0.438	0.387	0.100	-11.6048	50.0
1,1-Biphenyl	1.541	1.378	0.200	-10.5935	50.0
2-Chloronaphthalene	1.157	1.052	0.300	-9.0083	50.0
2-Nitroaniline	0.463	0.444	0.050	-4.0989	50.0
Dimethylphthalate	1.582	1.331	0.300	-15.8348	50.0
2,6-Dinitrotoluene	0.300	0.287	0.080	-4.4048	50.0
Acenaphthylene	1.887	1.660	0.400	-12.0397	50.0
3-Nitroaniline	0.292	0.255	0.010	-12.7962	50.0
Acenaphthene	1.303	1.162	0.200	-10.8041	50.0
2,4-Dinitrophenol	0.157	0.150	0.010	-4.3907	50.0
4-Nitrophenol	0.300	0.270	0.010	-9.7879	50.0
Dibenzofuran	1.842	1.609	0.300	-12.6307	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG071524 SAS No.: BG071524 SDG No.: BG071524
Instrument ID: BNA_G Calibration Date/Time: 7/16/2024 1:04:15
Lab File ID: BG062087.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020573 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.440	0.419	0.070	-4.7361	50.0
Diethylphthalate	1.704	1.380	0.300	-19.0253	50.0
Fluorene	1.566	1.360	0.200	-13.1508	50.0
4-Chlorophenyl-phenylether	0.787	0.687	0.100	-12.6508	50.0
4-Nitroaniline	0.296	0.238	0.010	-19.6969	50.0
4,6-Dinitro-2-methylphenol	0.113	0.094	0.010	-16.9636	50.0
N-Nitrosodiphenylamine	0.546	0.477	0.050	-12.6889	50.0
1,2,4,5-Tetrachlorobenzene	0.601	0.617	0.100	2.7067	50.0
4-Bromophenyl-phenylether	0.227	0.215	0.070	-5.1573	50.0
Hexachlorobenzene	0.261	0.263	0.050	0.6938	50.0
Atrazine	0.216	0.203	0.010	-5.8589	50.0
Pentachlorophenol	0.143	0.149	0.010	4.2	50.0
Phenanthrene	1.055	0.904	0.200	-14.2837	50.0
Pentachlorobenzene	0.283	0.297	0.050	4.7914	50.0
Anthracene	1.090	0.957	0.200	-12.1716	50.0
1,2,3,4-Tetrachlorobenzene	0.248	0.263	0.050	5.7464	50.0
Carbazole	0.917	0.802	0.050	-12.561	50.0
Di-n-butylphthalate	1.178	0.991	0.500	-15.8781	50.0
Fluoranthene	1.392	1.234	0.400	-11.3338	50.0
Pyrene	1.438	1.256	0.400	-12.6426	50.0
Butylbenzylphthalate	0.604	0.503	0.100	-16.6288	50.0
3,3-Dichlorobenzidine	0.476	0.481	0.010	1.0223	50.0
Benzo (a) anthracene	1.448	1.293	0.300	-10.681	50.0
Chrysene	1.356	1.215	0.200	-10.368	50.0
Bis(2-ethylhexyl)phthalate	0.866	0.714	0.200	-17.5362	50.0
Di-n-octyl phthalate	1.222	1.131	0.010	-7.4139	50.0
Benzo (b) fluoranthene	1.260	1.193	0.200	-5.338	50.0
Benzo (k) fluoranthene	1.257	1.211	0.200	-3.5972	50.0
Benzo (a) pyrene	1.193	1.098	0.200	-8.0133	50.0
Indeno (1,2,3-cd) pyrene	1.525	1.268	0.200	-16.8721	50.0
Dibenzo (a,h) anthracene	1.259	1.090	0.200	-13.4379	50.0
Benzo (g,h,i) perylene	1.213	0.935	0.200	-22.9113	50.0
2,3,4,6-Tetrachlorophenol	0.396	0.348	0.040	-12.1366	50.0
1,4-Dioxane-d8	0.532	0.392	0.010	-26.3919	50.0
Pyridine-d5	1.636	1.288	0.010	-21.2844	50.0
Phenol-d5	2.189	1.840	0.010	-15.9528	50.0
Bis- (2-Chloroethyl) ether-d8	1.386	1.025	0.050	-26.0845	50.0
2-Chlorophenol-d4	1.501	1.436	0.200	-4.3208	50.0
4-Methylphenol-d8	1.723	1.449	0.010	-15.9343	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG071524 SAS No.: BG071524 SDG No.: BG071524

Instrument ID: BNA_G Calibration Date/Time: 7/16/2024 1:04:15

Lab File ID: BG062087.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020573 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.152	0.135	0.050	-11.0732	50.0
2-Nitrophenol-d4	0.174	0.165	0.050	-4.8886	50.0
2,4-Dichlorophenol-d3	0.335	0.326	0.060	-2.8104	50.0
4-Chloroaniline-d4	0.486	0.411	0.010	-15.6017	50.0
Dimethylphthalate-d6	1.644	1.354	0.300	-17.6588	50.0
Acenaphthylene-d8	1.719	1.579	0.400	-8.1487	50.0
4-Nitrophenol-d4	0.263	0.181	0.010	-30.8837	50.0
Fluorene-d10	1.384	1.172	0.100	-15.3049	50.0
4,6-Dinitro-2-methylphenol-d2	0.105	0.092	0.010	-12.0006	50.0
Anthracene-d10	0.934	0.823	0.300	-11.8396	50.0
Pyrene-d10	1.176	1.040	0.300	-11.5732	50.0
Benzo(a)pyrene-d12	0.992	0.976	0.010	-1.6447	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SBLK886	SDG No.:	BG071524
Lab Sample ID:	PB161886BL	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
BG062069.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

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

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SBLK886	SDG No.:	BG071524
Lab Sample ID:	PB161886BL	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
BG062069.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

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

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SBLK886	SDG No.:	BG071524
Lab Sample ID:	PB161886BL	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
BG062069.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.823		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	27.179		20-120		68	SPK: -40
4165-62-2	Phenol-d5	25.381		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.375		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.136		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	24.801		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	28.921		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.389		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.689		10-140		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.405		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.429		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	28.877		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.535		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	29.873		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SBLK886	SDG No.:	BG071524
Lab Sample ID:	PB161886BL	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
BG062069.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.116		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	29.16		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	29.852		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.373		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	29132	8.034				
1146-65-2	Naphthalene-d8	135063	10.849				
15067-26-2	Acenaphthene-d10	109944	14.668				
1517-22-2	Phenanthrene-d10	273956	17.411				
1719-03-5	Chrysene-d12	256352	21.671				
1520-96-3	Perylene-d12	317712	24.879				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg



Client:			Date Collected:	7/1/2024 12:00:00 AM	
Project:			Date Received:	7/1/2024 12:00:00 AM	
Client Sample ID:	A4BX0		SDG No.:	BG071524	
Lab Sample ID:	P3100-12		Matrix:	Solid	
Analytical Method:	SFAM_SVOC		% Moisture:	55.8	
Sample Wt/Vol:	30.1	Units: g	Final Vol:	500	uL
Soil Aliquot Vol:	uL		Test:		
Extraction Type :	Decanted :		Level :	LOW	
Injection Volume :	GPC Factor :		GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062070.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	61	U	61	14.9	150	ug/Kg
100-52-7	Benzaldehyde	130	U	130	190	740	ug/Kg
110-86-1	Pyridine	170	U	170	370	740	ug/Kg
108-95-2	Phenol	68	U	68	190	740	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	65	U	65	190	740	ug/Kg
95-57-8	2-Chlorophenol	63	U	63	95.8	380	ug/Kg
95-48-7	2-Methylphenol	70	U	70	190	740	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	90	U	90	190	740	ug/Kg
98-86-2	Acetophenone	150	U	150	190	740	ug/Kg
106-44-5	4-Methylphenol	120	U	120	190	740	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	180	U	180	95.8	380	ug/Kg
67-72-1	Hexachloroethane	140	U	140	95.8	380	ug/Kg
98-95-3	Nitrobenzene	140	U	140	95.8	380	ug/Kg
78-59-1	Isophorone	150	U	150	95.8	380	ug/Kg
88-75-5	2-Nitrophenol	140	U	140	95.8	380	ug/Kg
105-67-9	2,4-Dimethylphenol	72	U	72	95.8	380	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	100	U	100	95.8	380	ug/Kg
120-83-2	2,4-Dichlorophenol	86	U	86	95.8	380	ug/Kg
91-20-3	Naphthalene	54	U	54	95.8	380	ug/Kg
106-47-8	4-Chloroaniline	81	U	81	95.8	740	ug/Kg
87-68-3	Hexachlorobutadiene	79	U	79	95.8	380	ug/Kg
105-60-2	Caprolactam	140	U	140	190	740	ug/Kg
59-50-7	4-Chloro-3-methylphenol	92	U	92	95.8	380	ug/Kg
90-12-0	1-Methylnaphthalene	54	U	54	95.8	380	ug/Kg
91-57-6	2-Methylnaphthalene	72	U	72	95.8	380	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	190	740	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	95.8	380	ug/Kg
95-95-4	2,4,5-Trichlorophenol	74	U	74	95.8	380	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BX0	SDG No.:	BG071524
Lab Sample ID:	P3100-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062070.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	95.8	380	ug/Kg
91-58-7	2-Chloronaphthalene	74	U	74	95.8	380	ug/Kg
88-74-4	2-Nitroaniline	100	U	100	95.8	380	ug/Kg
131-11-3	Dimethylphthalate	68	U	68	95.8	380	ug/Kg
606-20-2	2,6-Dinitrotoluene	45	U	45	95.8	380	ug/Kg
208-96-8	Acenaphthylene	65	U	65	95.8	380	ug/Kg
99-09-2	3-Nitroaniline	150	U	150	190	740	ug/Kg
83-32-9	Acenaphthene	59	U	59	95.8	380	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	190	740	ug/Kg
100-02-7	4-Nitrophenol	99	U	99	190	740	ug/Kg
132-64-9	Dibenzofuran	61	U	61	95.8	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	79	U	79	95.8	380	ug/Kg
84-66-2	Diethylphthalate	74	U	74	95.8	380	ug/Kg
86-73-7	Fluorene	61	U	61	95.8	380	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	45	U	45	95.8	380	ug/Kg
100-01-6	4-Nitroaniline	54	U	54	190	740	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	86	U	86	190	740	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	95.8	380	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	77	U	77	95.8	380	ug/Kg
101-55-3	4-Bromophenyl-phenylether	59	U	59	95.8	380	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	95.8	380	ug/Kg
1912-24-9	Atrazine	63	U	63	190	740	ug/Kg
87-86-5	Pentachlorophenol	200	U	200	190	740	ug/Kg
85-01-8	Phenanthrene	380		61	95.8	380	ug/Kg
608-93-5	Pentachlorobenzene	83	U	83	95.8	380	ug/Kg
120-12-7	Anthracene	56	U	56	95.8	380	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	95.8	380	ug/Kg
86-74-8	Carbazole	77	U	77	190	740	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	95.8	380	ug/Kg
206-44-0	Fluoranthene	790		43	190	380	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BX0	SDG No.:	BG071524
Lab Sample ID:	P3100-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062070.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	660		41	95.8	380	ug/Kg
85-68-7	Butylbenzylphthalate	96	J	50	95.8	380	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	190	740	ug/Kg
56-55-3	Benzo(a)anthracene	350	J	52	95.8	380	ug/Kg
218-01-9	Chrysene	430		54	95.8	380	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	J	56	95.8	380	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	190	740	ug/Kg
205-99-2	Benzo(b)fluoranthene	500		83	95.8	380	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	J	86	95.8	380	ug/Kg
50-32-8	Benzo(a)pyrene	370	J	70	95.8	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230	J	63	95.8	380	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	59	U	59	95.8	380	ug/Kg
191-24-2	Benzo(g,h,i)perylene	290	J	72	95.8	380	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	81	U	81	95.8	380	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.354		15-120		17	SPK: -8
7291-22-7	Pyridine-d5	6.679	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	10.209		10-130		26	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.004		10-150		23	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.918		15-120		27	SPK: -40
190780-66-6	4-Methylphenol-d8	9.951		10-140		25	SPK: -40
4165-60-0	Nitrobenzene-d5	11.851		10-135		30	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.689		10-120		29	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.744		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.71		1-145		14	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.142		10-145		30	SPK: -40
93951-97-4	Acenaphthylene-d8	13.053		15-120		33	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.655		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	13.562		20-140		34	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BX0	SDG No.:	BG071524
Lab Sample ID:	P3100-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062070.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.81		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	14.024		10-150		35	SPK: -40
1718-52-1	Pyrene-d10	14.198		10-130		35	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.5		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47068	8.042				
1146-65-2	Naphthalene-d8	218905	10.85				
15067-26-2	Acenaphthene-d10	167930	14.669				
1517-22-2	Phenanthrene-d10	385593	17.413				
1719-03-5	Chrysene-d12	349080	21.673				
1520-96-3	Perylene-d12	436498	24.887				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	280	J			3.711	
000112-50-5	Ethanol, 2-[2-(2-ethoxyethoxy)etho	170	J			7.619	
000770-35-4	1-Phenoxypropan-2-ol	420	J			11.585	
E966796	Total Alkanes	59	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D51	SDG No.:	BG071524
Lab Sample ID:	P3100-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.1
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
BG062071.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7.2	72	ug/Kg
100-52-7	Benzaldehyde	63	U	63	89.5	360	ug/Kg
110-86-1	Pyridine	84	U	84	180	360	ug/Kg
108-95-2	Phenol	33	U	33	89.5	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	89.5	360	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	46.1	180	ug/Kg
95-48-7	2-Methylphenol	34	U	34	89.5	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	89.5	360	ug/Kg
98-86-2	Acetophenone	72	U	72	89.5	360	ug/Kg
106-44-5	4-Methylphenol	57	U	57	89.5	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	86	U	86	46.1	180	ug/Kg
67-72-1	Hexachloroethane	66	U	66	46.1	180	ug/Kg
98-95-3	Nitrobenzene	69	U	69	46.1	180	ug/Kg
78-59-1	Isophorone	72	U	72	46.1	180	ug/Kg
88-75-5	2-Nitrophenol	65	U	65	46.1	180	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	46.1	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	46.1	180	ug/Kg
120-83-2	2,4-Dichlorophenol	41	U	41	46.1	180	ug/Kg
91-20-3	Naphthalene	26	U	26	46.1	180	ug/Kg
106-47-8	4-Chloroaniline	39	U	39	46.1	360	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	46.1	180	ug/Kg
105-60-2	Caprolactam	69	U	69	89.5	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	46.1	180	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	46.1	180	ug/Kg
91-57-6	2-Methylnaphthalene	35	U	35	46.1	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	89.5	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	46.1	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	36	U	36	46.1	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D51	SDG No.:	BG071524
Lab Sample ID:	P3100-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.1
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
BG062071.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	46.1	180	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	46.1	180	ug/Kg
88-74-4	2-Nitroaniline	49	U	49	46.1	180	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	46.1	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	46.1	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	46.1	180	ug/Kg
99-09-2	3-Nitroaniline	72	U	72	89.5	360	ug/Kg
83-32-9	Acenaphthene	66	J	28	46.1	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	89.5	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	89.5	360	ug/Kg
132-64-9	Dibenzofuran	78	J	29	46.1	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	38	U	38	46.1	180	ug/Kg
84-66-2	Diethylphthalate	36	U	36	46.1	180	ug/Kg
86-73-7	Fluorene	200		29	46.1	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.1	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	89.5	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	41	U	41	89.5	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	46.1	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37	U	37	46.1	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	46.1	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	46.1	180	ug/Kg
1912-24-9	Atrazine	30	U	30	89.5	360	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	89.5	360	ug/Kg
85-01-8	Phenanthrene	1700		29	46.1	180	ug/Kg
608-93-5	Pentachlorobenzene	40	U	40	46.1	180	ug/Kg
120-12-7	Anthracene	350		27	46.1	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	46.1	180	ug/Kg
86-74-8	Carbazole	81	J	37	89.5	360	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	46.1	180	ug/Kg
206-44-0	Fluoranthene	2300		21	89.5	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D51	SDG No.:	BG071524
Lab Sample ID:	P3100-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.1
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
BG062071.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		20	46.1	180	ug/Kg
85-68-7	Butylbenzylphthalate	24	U	24	46.1	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	56	U	56	89.5	360	ug/Kg
56-55-3	Benzo(a)anthracene	1100		25	46.1	180	ug/Kg
218-01-9	Chrysene	990		26	46.1	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	27	U	27	46.1	180	ug/Kg
117-84-0	Di-n-octyl phthalate	52	U	52	89.5	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		40	46.1	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	360		41	46.1	180	ug/Kg
50-32-8	Benzo(a)pyrene	590		34	46.1	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	350		30	46.1	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180		28	46.1	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	290		35	46.1	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39	U	39	46.1	180	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	4.605	*	20-120		12	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.548		15-120		32	SPK: -8
4165-62-2	Phenol-d5	18.584		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.634		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.48		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	19.422		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	19.947		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.675		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.881		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.692		1-145		2	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.926		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.067		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.242		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	24.249		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D51	SDG No.:	BG071524
Lab Sample ID:	P3100-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.1
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
BG062071.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.912		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	26.426		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	20.737		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.875		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43962	8.042				
1146-65-2	Naphthalene-d8	206420	10.85				
15067-26-2	Acenaphthene-d10	145967	14.669				
1517-22-2	Phenanthrene-d10	329973	17.413				
1719-03-5	Chrysene-d12	305564	21.679				
1520-96-3	Perylene-d12	371120	24.887				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	84	J			11.585	
000501-94-0	Benzeneethanol, 4-hydroxy-	600	J			13.806	
000581-40-8	Naphthalene, 2,3-dimethyl-	160	J			13.988	
317819-80-0	(S,1Z,6Z)-8-Isopropyl-1-methyl-5-m	81	J			14.499	
	unknown-01	130	J			14.781	
001430-97-3	9H-Fluorene, 2-methyl-	92	J			16.714	
017679-92-4	1-Octen-3-yne	130	J			17.113	
000234-41-3	Naphtho[1,2-b]thiophene	110	J			17.231	
000832-64-4	Phenanthrene, 4-methyl-	450	J			18.294	
000832-69-9	Phenanthrene, 1-methyl-	260	J			18.336	
000779-02-2	Anthracene, 9-methyl-	90	J			18.418	
000203-64-5	4H-Cyclopenta[def]phenanthrene	450	J			18.488	
004206-58-0	trans-Sinapaldehyde	130	J			18.576	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	150	J			18.782	
000084-65-1	9,10-Anthracenedione	110	J			18.829	
001576-67-6	Phenanthrene, 3,6-dimethyl-	130	J			19.205	
002381-21-7	Pyrene, 1-methyl-	77	J			20.145	

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D51	SDG No.:	BG071524
Lab Sample ID:	P3100-23	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.1
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
BG062071.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
033543-31-6	Fluoranthene, 2-methyl-	160	J			20.31	
000238-84-6	11H-Benzo[a]fluorene	96	J			20.416	
	unknown-02	140	J			21.303	
000479-79-8	11H-Benzo[a]fluoren-11-one	100	J			21.408	
	(DEL) Alkane: Straight-Chain22.454	130	J			22.454	
	(DEL) Alkane: Straight-Chain26.015	550	J			26.015	
E966796	Total Alkanes	680				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D52	SDG No.:	BG071524
Lab Sample ID:	P3100-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.4
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
BG062072.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	44	U	44	10.7	110	ug/Kg
100-52-7	Benzaldehyde	94	U	94	130	530	ug/Kg
110-86-1	Pyridine	120	U	120	270	530	ug/Kg
108-95-2	Phenol	49	U	49	130	530	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	47	U	47	130	530	ug/Kg
95-57-8	2-Chlorophenol	45	U	45	68.8	280	ug/Kg
95-48-7	2-Methylphenol	50	U	50	130	530	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	65	U	65	130	530	ug/Kg
98-86-2	Acetophenone	110	U	110	130	530	ug/Kg
106-44-5	4-Methylphenol	400	J	86	130	530	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	U	130	68.8	280	ug/Kg
67-72-1	Hexachloroethane	99	U	99	68.8	280	ug/Kg
98-95-3	Nitrobenzene	100	U	100	68.8	280	ug/Kg
78-59-1	Isophorone	110	U	110	68.8	280	ug/Kg
88-75-5	2-Nitrophenol	97	U	97	68.8	280	ug/Kg
105-67-9	2,4-Dimethylphenol	52	U	52	68.8	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	73	U	73	68.8	280	ug/Kg
120-83-2	2,4-Dichlorophenol	61	U	61	68.8	280	ug/Kg
91-20-3	Naphthalene	39	U	39	68.8	280	ug/Kg
106-47-8	4-Chloroaniline	58	U	58	68.8	530	ug/Kg
87-68-3	Hexachlorobutadiene	57	U	57	68.8	280	ug/Kg
105-60-2	Caprolactam	100	U	100	130	530	ug/Kg
59-50-7	4-Chloro-3-methylphenol	66	U	66	68.8	280	ug/Kg
90-12-0	1-Methylnaphthalene	39	U	39	68.8	280	ug/Kg
91-57-6	2-Methylnaphthalene	52	U	52	68.8	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	130	530	ug/Kg
88-06-2	2,4,6-Trichlorophenol	39	U	39	68.8	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	68.8	280	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D52	SDG No.:	BG071524
Lab Sample ID:	P3100-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.4
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
BG062072.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	42	U	42	68.8	280	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	68.8	280	ug/Kg
88-74-4	2-Nitroaniline	73	U	73	68.8	280	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	68.8	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	32	U	32	68.8	280	ug/Kg
208-96-8	Acenaphthylene	47	U	47	68.8	280	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	130	530	ug/Kg
83-32-9	Acenaphthene	70	J	42	68.8	280	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	130	530	ug/Kg
100-02-7	4-Nitrophenol	71	U	71	130	530	ug/Kg
132-64-9	Dibenzofuran	44	U	44	68.8	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	68.8	280	ug/Kg
84-66-2	Diethylphthalate	53	U	53	68.8	280	ug/Kg
86-73-7	Fluorene	78	J	44	68.8	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	32	U	32	68.8	280	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	130	530	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	61	U	61	130	530	ug/Kg
86-30-6	N-Nitrosodiphenylamine	39	U	39	68.8	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	55	U	55	68.8	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	42	U	42	68.8	280	ug/Kg
118-74-1	Hexachlorobenzene	45	U	45	68.8	280	ug/Kg
1912-24-9	Atrazine	45	U	45	130	530	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	130	530	ug/Kg
85-01-8	Phenanthrene	1400		44	68.8	280	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	68.8	280	ug/Kg
120-12-7	Anthracene	190	J	40	68.8	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	28	U	28	68.8	280	ug/Kg
86-74-8	Carbazole	180	J	55	130	530	ug/Kg
84-74-2	Di-n-butylphthalate	55	J	44	68.8	280	ug/Kg
206-44-0	Fluoranthene	3400		31	130	280	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D52	SDG No.:	BG071524
Lab Sample ID:	P3100-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.4
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
BG062072.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2400		29	68.8	280	ug/Kg
85-68-7	Butylbenzylphthalate	170	J	36	68.8	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	84	U	84	130	530	ug/Kg
56-55-3	Benzo(a)anthracene	1500		37	68.8	280	ug/Kg
218-01-9	Chrysene	2000		39	68.8	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	720		40	68.8	280	ug/Kg
117-84-0	Di-n-octyl phthalate	78	U	78	130	530	ug/Kg
205-99-2	Benzo(b)fluoranthene	2700		60	68.8	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		61	68.8	280	ug/Kg
50-32-8	Benzo(a)pyrene	920		50	68.8	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	720		45	68.8	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	300		42	68.8	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	J	52	68.8	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	68.8	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.213		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	0.825	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	22.06		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.743		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.144		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	20.978		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	23.95		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.576		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.968		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.274		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	26.609		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.157		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	26.228		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D52	SDG No.:	BG071524
Lab Sample ID:	P3100-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.4
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
BG062072.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.792		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	27.095		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	23.469		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.044		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50241	8.041				
1146-65-2	Naphthalene-d8	242685	10.85				
15067-26-2	Acenaphthene-d10	158309	14.669				
1517-22-2	Phenanthrene-d10	336112	17.413				
1719-03-5	Chrysene-d12	304754	21.684				
1520-96-3	Perylene-d12	371116	24.91				
TENTATIVE IDENTIFIED COMPOUNDS							
072707-66-5	2-(Bromomethyl)acrylic acid	160	J			3.97	
000100-51-6	Benzyl alcohol	120	J			8.276	
000065-85-0	Benzoic acid	1200	J			10.186	
000501-94-0	Benzeneethanol, 4-hydroxy-	650	J			13.805	
	unknown-01	120	J			13.987	
000473-14-3	Naphthalene, 2,3,4,4a,5,6-hexahydr	130	J			14.499	
	unknown-02	120	J			15.074	
010208-80-7	.alpha.-Muurolene	280	J			15.127	
000481-34-5	.alpha.-Cadinol	160	J			16.226	
005889-42-9	2,5-Hexadienoic acid, methyl ester	350	J			17.113	
013674-84-5	2-Propanol, 1-chloro-, phosphate (	160	J			17.16	
	unknown-03	190	J			17.295	
038444-85-8	1,1-Biphenyl, 2,3,4-Trichloro-	140	J			18	
	unknown-04	390	J			18.247	
000057-10-3	n-Hexadecanoic acid	2000	J			18.306	
000203-64-5	4H-Cyclopenta[def]phenanthrene	520	J			18.482	
000779-02-2	Anthracene, 9-methyl-	250	J			18.523	

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D52	SDG No.:	BG071524
Lab Sample ID:	P3100-24	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	38.4
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
BG062072.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain	18.582					
000612-94-2	Naphthalene, 2-phenyl-	300	J			18.582	
000084-65-1	9,10-Anthracenedione	110	J			18.782	
035599-77-0	Tridecane, 1-iodo-	420	J			18.829	
000057-11-4	Octadecanoic acid	670	J			19.211	
	unknown-05	130	J			19.569	
		600	J			20.315	
070610-10-5	3-Methoxy-5-(2-phenylethyl)-2-pren	370	J			21.12	
1000309-70-7	Oxalic acid, cyclobutyl heptadecyl	1800	J			21.314	
007390-81-0	Oxirane, hexadecyl-	330	J			22.101	
	(DEL) Alkane: Straight-Chain	22.472	J			22.472	
1010144-57-9	16-Heptadecenal	1700	J			23.506	
	(DEL) Alkane: Straight-Chain	24.034	J			24.034	
014811-95-1	1,19-Eicosadiene	720	J			25.433	
073105-67-6	1-Iodo-2-methylundecane	1100	J			26.05	
E966796	Total Alkanes	2000				99	ug/Kg
		2700					

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D32	SDG No.:	BG071524
Lab Sample ID:	P3100-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.6
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
BG062073.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	59	U	59	14.5	150	ug/Kg
100-52-7	Benzaldehyde	130	U	130	180	720	ug/Kg
110-86-1	Pyridine	170	U	170	360	720	ug/Kg
108-95-2	Phenol	66	U	66	180	720	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	64	U	64	180	720	ug/Kg
95-57-8	2-Chlorophenol	61	U	61	93.3	370	ug/Kg
95-48-7	2-Methylphenol	68	U	68	180	720	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	88	U	88	180	720	ug/Kg
98-86-2	Acetophenone	140	U	140	180	720	ug/Kg
106-44-5	4-Methylphenol	120	U	120	180	720	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	170	U	170	93.3	370	ug/Kg
67-72-1	Hexachloroethane	130	U	130	93.3	370	ug/Kg
98-95-3	Nitrobenzene	140	U	140	93.3	370	ug/Kg
78-59-1	Isophorone	140	U	140	93.3	370	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	93.3	370	ug/Kg
105-67-9	2,4-Dimethylphenol	70	U	70	93.3	370	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	99	U	99	93.3	370	ug/Kg
120-83-2	2,4-Dichlorophenol	83	U	83	93.3	370	ug/Kg
91-20-3	Naphthalene	53	U	53	93.3	370	ug/Kg
106-47-8	4-Chloroaniline	79	U	79	93.3	720	ug/Kg
87-68-3	Hexachlorobutadiene	77	U	77	93.3	370	ug/Kg
105-60-2	Caprolactam	140	U	140	180	720	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90	U	90	93.3	370	ug/Kg
90-12-0	1-Methylnaphthalene	53	U	53	93.3	370	ug/Kg
91-57-6	2-Methylnaphthalene	70	U	70	93.3	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	180	720	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	93.3	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	72	U	72	93.3	370	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D32	SDG No.:	BG071524
Lab Sample ID:	P3100-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.6
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
BG062073.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	93.3	370	ug/Kg
91-58-7	2-Chloronaphthalene	72	U	72	93.3	370	ug/Kg
88-74-4	2-Nitroaniline	99	U	99	93.3	370	ug/Kg
131-11-3	Dimethylphthalate	66	U	66	93.3	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	93.3	370	ug/Kg
208-96-8	Acenaphthylene	64	U	64	93.3	370	ug/Kg
99-09-2	3-Nitroaniline	140	U	140	180	720	ug/Kg
83-32-9	Acenaphthene	57	U	57	93.3	370	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	180	720	ug/Kg
100-02-7	4-Nitrophenol	97	U	97	180	720	ug/Kg
132-64-9	Dibenzofuran	59	U	59	93.3	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	77	U	77	93.3	370	ug/Kg
84-66-2	Diethylphthalate	72	U	72	93.3	370	ug/Kg
86-73-7	Fluorene	59	U	59	93.3	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	44	U	44	93.3	370	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	180	720	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	83	U	83	180	720	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	93.3	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	75	U	75	93.3	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	93.3	370	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	93.3	370	ug/Kg
1912-24-9	Atrazine	61	U	61	180	720	ug/Kg
87-86-5	Pentachlorophenol	190	U	190	180	720	ug/Kg
85-01-8	Phenanthrene	270	J	59	93.3	370	ug/Kg
608-93-5	Pentachlorobenzene	81	U	81	93.3	370	ug/Kg
120-12-7	Anthracene	55	U	55	93.3	370	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	37	U	37	93.3	370	ug/Kg
86-74-8	Carbazole	75	U	75	180	720	ug/Kg
84-74-2	Di-n-butylphthalate	59	U	59	93.3	370	ug/Kg
206-44-0	Fluoranthene	590		42	180	370	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D32	SDG No.:	BG071524
Lab Sample ID:	P3100-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.6
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
BG062073.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	480		40	93.3	370	ug/Kg
85-68-7	Butylbenzylphthalate	48	U	48	93.3	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	720	ug/Kg
56-55-3	Benzo(a)anthracene	300	J	50	93.3	370	ug/Kg
218-01-9	Chrysene	340	J	53	93.3	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	55	U	55	93.3	370	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	180	720	ug/Kg
205-99-2	Benzo(b)fluoranthene	430		81	93.3	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	200	J	83	93.3	370	ug/Kg
50-32-8	Benzo(a)pyrene	330	J	68	93.3	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210	J	61	93.3	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	99	J	57	93.3	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	240	J	70	93.3	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	79	U	79	93.3	370	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.53		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	21.424		20-120		54	SPK: -40
4165-62-2	Phenol-d5	28.86		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.408		10-150		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.595		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	25.667		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	33.932		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.384		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.567		10-140		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.906		1-145		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.121		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	34.374		15-120		86	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.203		10-150		68	SPK: -40
81103-79-9	Fluorene-d10	33.245		20-140		83	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D32	SDG No.:	BG071524
Lab Sample ID:	P3100-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	54.6
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
BG062073.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	29.255		10-130		73	SPK: -40
1719-06-8	Anthracene-d10	34.149		10-150		85	SPK: -40
1718-52-1	Pyrene-d10	32.722		10-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.909		10-140		87	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45380	8.04				
1146-65-2	Naphthalene-d8	212106	10.855				
15067-26-2	Acenaphthene-d10	143782	14.674				
1517-22-2	Phenanthrene-d10	311509	17.423				
1719-03-5	Chrysene-d12	287274	21.683				
1520-96-3	Perylene-d12	368668	24.903				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	400	J			3.716	
001119-40-0	Pentanedioic acid, dimethyl ester	170	J			9.756	
000770-35-4	1-Phenoxypropan-2-ol	310	J			11.589	
000501-94-0	Benzeneethanol, 4-hydroxy-	610	J			13.816	
	unknown-02	680	J			17.118	
E966796	Total Alkanes	57	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D33	SDG No.:	BG071524
Lab Sample ID:	P3100-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062074.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

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	61	J	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	50	J	27	47.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	56	J	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

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D33	SDG No.:	BG071524
Lab Sample ID:	P3100-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062074.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

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	40	J	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	40	J	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	740		30	47.5	190	ug/Kg
608-93-5	Pentachlorobenzene	41	U	41	47.5	190	ug/Kg
120-12-7	Anthracene	110	J	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	87	J	38	92.2	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.5	190	ug/Kg
206-44-0	Fluoranthene	1600		21	92.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D33	SDG No.:	BG071524
Lab Sample ID:	P3100-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062074.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		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	650		26	47.5	190	ug/Kg
218-01-9	Chrysene	900		27	47.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	J	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	1200		41	47.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	340		42	47.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	360		35	47.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	270		31	47.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	J	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	5.024		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	33.784		10-130		84	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.344		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.048		15-120		88	SPK: -40
190780-66-6	4-Methylphenol-d8	32.472		10-140		81	SPK: -40
4165-60-0	Nitrobenzene-d5	40.885		10-135		102	SPK: -40
93951-78-1	2-Nitrophenol-d4	44.286		10-120		111	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	42.543		10-140		106	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.9		1-145		2	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.206		10-145		96	SPK: -40
93951-97-4	Acenaphthylene-d8	41.222		15-120		103	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.556		10-150		84	SPK: -40
81103-79-9	Fluorene-d10	39.804		20-140		100	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D33	SDG No.:	BG071524
Lab Sample ID:	P3100-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062074.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	35.343		10-130		88	SPK: -40
1719-06-8	Anthracene-d10	41.434		10-150		104	SPK: -40
1718-52-1	Pyrene-d10	34.453		10-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.428		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42371	8.043				
1146-65-2	Naphthalene-d8	192225	10.858				
15067-26-2	Acenaphthene-d10	132277	14.671				
1517-22-2	Phenanthrene-d10	288550	17.421				
1719-03-5	Chrysene-d12	261481	21.68				
1520-96-3	Perylene-d12	301140	24.9				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	130	J			3.719	
	unknown-02	91	J			3.966	
	unknown-03	79	J			5.117	
001119-40-0	Pentanedioic acid, dimethyl ester	120	J			9.759	
000770-35-4	1-Phenoxypropan-2-ol	140	J			11.586	
000575-43-9	Naphthalene, 1,6-dimethyl-	77	J			13.989	
	unknown-04	150	J			16.381	
004707-47-5	Benzoic acid, 2,4-dihydroxy-3,6-di	150	J			16.557	
000486-25-9	9H-Fluoren-9-one	86	J			17.074	
	unknown-05	140	J			17.156	
	unknown-06	120	J			18.002	
000057-10-3	n-Hexadecanoic acid	610	J			18.302	
000832-69-9	Phenanthrene, 1-methyl-	240	J			18.337	
	unknown-07	300	J			18.484	
000256-81-5	5H-Dibenzo[a,d]cycloheptene	110	J			18.525	
	(DEL) Alkane: Straight-Chain	150	J			18.578	
005672-97-9	5,16[1,2]:8,13[1,2]-Dibenzen	98	J			18.79	

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D33	SDG No.:	BG071524
Lab Sample ID:	P3100-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062074.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000084-65-1	9,10-Anthracenedione	180	J			18.831	
000781-43-1	9,10-Dimethylanthracene	250	J			19.207	
005737-13-3	Cyclopenta(def)phenanthrenone	110	J			19.348	
033543-31-6	Fluoranthene, 2-methyl-	120	J			20.288	
	unknown-08	140	J			20.311	
000479-79-8	11H-Benzo[a]fluoren-11-one	110	J			21.081	
	(DEL) Alkane: Straight-Chain21.310	690	J			21.31	
000082-05-3	7H-Benz[de]anthracen-7-one	190	J			21.41	
	(DEL) Alkane: Straight-Chain21.857	120	J			21.857	
1000155-82-2	Bicyclo[10.8.0]eicosane, cis-	250	J			22.098	
	(DEL) Alkane: Straight-Chain22.491	1700	J			22.491	
053057-53-7	1,21-Docosadiene	2400	J			23.502	
	(DEL) Alkane: Cyclic24.031	1700	J			24.031	
014811-95-1	1,19-Eicosadiene	3900	J			25.429	
	(DEL) Alkane: Straight-Chain26.046	10000	J			26.046	
000638-66-4	Octadecanal	3900	J			28.19	
	(DEL) Alkane: Straight-Chain29.031	2300	J			29.031	
E966796	Total Alkanes	17000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW9	SDG No.:	BG071524
Lab Sample ID:	P3100-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.6
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
BG062075.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	53	U	53	12.8	130	ug/Kg
100-52-7	Benzaldehyde	110	U	110	160	640	ug/Kg
110-86-1	Pyridine	150	U	150	320	640	ug/Kg
108-95-2	Phenol	58	U	58	160	640	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	56	U	56	160	640	ug/Kg
95-57-8	2-Chlorophenol	54	U	54	82.7	330	ug/Kg
95-48-7	2-Methylphenol	60	U	60	160	640	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	78	U	78	160	640	ug/Kg
98-86-2	Acetophenone	130	U	130	160	640	ug/Kg
106-44-5	4-Methylphenol	100	U	100	160	640	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	150	U	150	82.7	330	ug/Kg
67-72-1	Hexachloroethane	120	U	120	82.7	330	ug/Kg
98-95-3	Nitrobenzene	120	U	120	82.7	330	ug/Kg
78-59-1	Isophorone	130	U	130	82.7	330	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	82.7	330	ug/Kg
105-67-9	2,4-Dimethylphenol	62	U	62	82.7	330	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	88	U	88	82.7	330	ug/Kg
120-83-2	2,4-Dichlorophenol	74	U	74	82.7	330	ug/Kg
91-20-3	Naphthalene	47	U	47	82.7	330	ug/Kg
106-47-8	4-Chloroaniline	70	U	70	82.7	640	ug/Kg
87-68-3	Hexachlorobutadiene	68	U	68	82.7	330	ug/Kg
105-60-2	Caprolactam	120	U	120	160	640	ug/Kg
59-50-7	4-Chloro-3-methylphenol	80	U	80	82.7	330	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	82.7	330	ug/Kg
91-57-6	2-Methylnaphthalene	62	U	62	82.7	330	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	160	640	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47	U	47	82.7	330	ug/Kg
95-95-4	2,4,5-Trichlorophenol	64	U	64	82.7	330	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW9	SDG No.:	BG071524
Lab Sample ID:	P3100-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.6
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
BG062075.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	51	U	51	82.7	330	ug/Kg
91-58-7	2-Chloronaphthalene	64	U	64	82.7	330	ug/Kg
88-74-4	2-Nitroaniline	88	U	88	82.7	330	ug/Kg
131-11-3	Dimethylphthalate	58	U	58	82.7	330	ug/Kg
606-20-2	2,6-Dinitrotoluene	39	U	39	82.7	330	ug/Kg
208-96-8	Acenaphthylene	56	U	56	82.7	330	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	160	640	ug/Kg
83-32-9	Acenaphthene	51	U	51	82.7	330	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	160	640	ug/Kg
100-02-7	4-Nitrophenol	86	U	86	160	640	ug/Kg
132-64-9	Dibenzofuran	53	U	53	82.7	330	ug/Kg
121-14-2	2,4-Dinitrotoluene	68	U	68	82.7	330	ug/Kg
84-66-2	Diethylphthalate	64	U	64	82.7	330	ug/Kg
86-73-7	Fluorene	53	U	53	82.7	330	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	39	U	39	82.7	330	ug/Kg
100-01-6	4-Nitroaniline	47	U	47	160	640	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	74	U	74	160	640	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	82.7	330	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	66	U	66	82.7	330	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	82.7	330	ug/Kg
118-74-1	Hexachlorobenzene	54	U	54	82.7	330	ug/Kg
1912-24-9	Atrazine	54	U	54	160	640	ug/Kg
87-86-5	Pentachlorophenol	170	U	170	160	640	ug/Kg
85-01-8	Phenanthrene	400		53	82.7	330	ug/Kg
608-93-5	Pentachlorobenzene	72	U	72	82.7	330	ug/Kg
120-12-7	Anthracene	75	J	49	82.7	330	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	82.7	330	ug/Kg
86-74-8	Carbazole	66	U	66	160	640	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	53	82.7	330	ug/Kg
206-44-0	Fluoranthene	780		37	160	330	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW9	SDG No.:	BG071524
Lab Sample ID:	P3100-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.6
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
BG062075.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	550		35	82.7	330	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	82.7	330	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	160	640	ug/Kg
56-55-3	Benzo(a)anthracene	360		45	82.7	330	ug/Kg
218-01-9	Chrysene	440		47	82.7	330	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	290	J	49	82.7	330	ug/Kg
117-84-0	Di-n-octyl phthalate	93	U	93	160	640	ug/Kg
205-99-2	Benzo(b)fluoranthene	560		72	82.7	330	ug/Kg
207-08-9	Benzo(k)fluoranthene	240	J	74	82.7	330	ug/Kg
50-32-8	Benzo(a)pyrene	210	J	60	82.7	330	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	54	82.7	330	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	51	U	51	82.7	330	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62	U	62	82.7	330	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	70	U	70	82.7	330	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.961		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	1.719	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	25.654		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.488		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.273		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	25.563		10-140		64	SPK: -40
4165-60-0	Nitrobenzene-d5	30.169		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.77		10-120		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.138		10-140		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.136		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.019		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	33.764		15-120		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.6		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	32.306		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW9	SDG No.:	BG071524
Lab Sample ID:	P3100-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	48.6
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
BG062075.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.468		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	33.268		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	27.568		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.354		10-140		53	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40707	8.048				
1146-65-2	Naphthalene-d8	190350	10.856				
15067-26-2	Acenaphthene-d10	131687	14.675				
1517-22-2	Phenanthrene-d10	282690	17.419				
1719-03-5	Chrysene-d12	258918	21.685				
1520-96-3	Perylene-d12	307958	24.904				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	230	J			3.718	
	unknown-02	150	J			9.758	
000770-35-4	1-Phenoxypropan-2-ol	330	J			11.591	
	unknown-03	470	J			15.41	
052663-59-9	1,1-Biphenyl, 2,2,3,4-tetrachlor	220	J			18.483	
1000309-12-7	Sulfurous acid, octadecyl 2-propyl	1300	J			21.309	
E966796	Total Alkanes	51	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BX1	SDG No.:	BG071524
Lab Sample ID:	P3100-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.2
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
BG062076.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	55	U	55	13.5	140	ug/Kg
100-52-7	Benzaldehyde	120	U	120	170	670	ug/Kg
110-86-1	Pyridine	160	U	160	340	670	ug/Kg
108-95-2	Phenol	61	U	61	170	670	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	59	U	59	170	670	ug/Kg
95-57-8	2-Chlorophenol	57	U	57	86.8	350	ug/Kg
95-48-7	2-Methylphenol	63	U	63	170	670	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	82	U	82	170	670	ug/Kg
98-86-2	Acetophenone	130	U	130	170	670	ug/Kg
106-44-5	4-Methylphenol	110	U	110	170	670	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	160	U	160	86.8	350	ug/Kg
67-72-1	Hexachloroethane	120	U	120	86.8	350	ug/Kg
98-95-3	Nitrobenzene	130	U	130	86.8	350	ug/Kg
78-59-1	Isophorone	130	U	130	86.8	350	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	86.8	350	ug/Kg
105-67-9	2,4-Dimethylphenol	65	U	65	86.8	350	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	92	U	92	86.8	350	ug/Kg
120-83-2	2,4-Dichlorophenol	78	U	78	86.8	350	ug/Kg
91-20-3	Naphthalene	49	U	49	86.8	350	ug/Kg
106-47-8	4-Chloroaniline	74	U	74	86.8	670	ug/Kg
87-68-3	Hexachlorobutadiene	71	U	71	86.8	350	ug/Kg
105-60-2	Caprolactam	130	U	130	170	670	ug/Kg
59-50-7	4-Chloro-3-methylphenol	84	U	84	86.8	350	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	86.8	350	ug/Kg
91-57-6	2-Methylnaphthalene	65	U	65	86.8	350	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	170	670	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	86.8	350	ug/Kg
95-95-4	2,4,5-Trichlorophenol	67	U	67	86.8	350	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BX1	SDG No.:	BG071524
Lab Sample ID:	P3100-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.2
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
BG062076.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	53	U	53	86.8	350	ug/Kg
91-58-7	2-Chloronaphthalene	67	U	67	86.8	350	ug/Kg
88-74-4	2-Nitroaniline	92	U	92	86.8	350	ug/Kg
131-11-3	Dimethylphthalate	61	U	61	86.8	350	ug/Kg
606-20-2	2,6-Dinitrotoluene	41	U	41	86.8	350	ug/Kg
208-96-8	Acenaphthylene	59	U	59	86.8	350	ug/Kg
99-09-2	3-Nitroaniline	130	U	130	170	670	ug/Kg
83-32-9	Acenaphthene	53	U	53	86.8	350	ug/Kg
51-28-5	2,4-Dinitrophenol	270	U	270	170	670	ug/Kg
100-02-7	4-Nitrophenol	90	U	90	170	670	ug/Kg
132-64-9	Dibenzofuran	55	U	55	86.8	350	ug/Kg
121-14-2	2,4-Dinitrotoluene	71	U	71	86.8	350	ug/Kg
84-66-2	Diethylphthalate	67	U	67	86.8	350	ug/Kg
86-73-7	Fluorene	55	U	55	86.8	350	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	41	U	41	86.8	350	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	170	670	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	78	U	78	170	670	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	86.8	350	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	69	U	69	86.8	350	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	86.8	350	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	86.8	350	ug/Kg
1912-24-9	Atrazine	57	U	57	170	670	ug/Kg
87-86-5	Pentachlorophenol	180	U	180	170	670	ug/Kg
85-01-8	Phenanthrene	620		55	86.8	350	ug/Kg
608-93-5	Pentachlorobenzene	76	U	76	86.8	350	ug/Kg
120-12-7	Anthracene	92	J	51	86.8	350	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	35	U	35	86.8	350	ug/Kg
86-74-8	Carbazole	77	J	69	170	670	ug/Kg
84-74-2	Di-n-butylphthalate	55	U	55	86.8	350	ug/Kg
206-44-0	Fluoranthene	1400		39	170	350	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BX1	SDG No.:	BG071524
Lab Sample ID:	P3100-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.2
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
BG062076.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	910		37	86.8	350	ug/Kg
85-68-7	Butylbenzylphthalate	45	U	45	86.8	350	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	170	670	ug/Kg
56-55-3	Benzo(a)anthracene	620		47	86.8	350	ug/Kg
218-01-9	Chrysene	780		49	86.8	350	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	390		51	86.8	350	ug/Kg
117-84-0	Di-n-octyl phthalate	98	U	98	170	670	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		76	86.8	350	ug/Kg
207-08-9	Benzo(k)fluoranthene	330	J	78	86.8	350	ug/Kg
50-32-8	Benzo(a)pyrene	340	J	63	86.8	350	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	240	J	57	86.8	350	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	J	53	86.8	350	ug/Kg
191-24-2	Benzo(g,h,i)perylene	65	U	65	86.8	350	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74	U	74	86.8	350	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.698		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	1.091	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	22.629		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.287		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.765		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	19.494		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	24.989		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.961		10-120		70	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.361		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.648		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.427		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	28.416		15-120		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.9		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	28.52		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BX1	SDG No.:	BG071524
Lab Sample ID:	P3100-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	51.2
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
BG062076.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.096		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	28.572		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	24.517		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.803		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44752	8.041				
1146-65-2	Naphthalene-d8	219449	10.855				
15067-26-2	Acenaphthene-d10	149881	14.674				
1517-22-2	Phenanthrene-d10	341224	17.424				
1719-03-5	Chrysene-d12	300275	21.684				
1520-96-3	Perylene-d12	368679	24.904				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	280	J			3.717	
000770-35-4	1-Phenoxypropan-2-ol	280	J			11.59	
000203-64-5	4H-Cyclopenta[def]phenanthrene	170	J			18.488	
E966796	Total Alkanes	53	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D08	SDG No.:	BG071524
Lab Sample ID:	P3100-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
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
BG062077.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	32	U	32	7.8	79	ug/Kg
100-52-7	Benzaldehyde	68	U	68	97.2	390	ug/Kg
110-86-1	Pyridine	91	U	91	190	390	ug/Kg
108-95-2	Phenol	35	U	35	97.2	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	97.2	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.1	200	ug/Kg
95-48-7	2-Methylphenol	37	U	37	97.2	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	97.2	390	ug/Kg
98-86-2	Acetophenone	78	U	78	97.2	390	ug/Kg
106-44-5	4-Methylphenol	62	U	62	97.2	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	50.1	200	ug/Kg
67-72-1	Hexachloroethane	72	U	72	50.1	200	ug/Kg
98-95-3	Nitrobenzene	75	U	75	50.1	200	ug/Kg
78-59-1	Isophorone	78	U	78	50.1	200	ug/Kg
88-75-5	2-Nitrophenol	71	U	71	50.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	38	U	38	50.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	53	U	53	50.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	50.1	200	ug/Kg
91-20-3	Naphthalene	28	U	28	50.1	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	50.1	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50.1	200	ug/Kg
105-60-2	Caprolactam	75	U	75	97.2	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	50.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	50.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	38	U	38	50.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	97.2	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	50.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	50.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D08	SDG No.:	BG071524
Lab Sample ID:	P3100-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
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
BG062077.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	50.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	39	U	39	50.1	200	ug/Kg
88-74-4	2-Nitroaniline	53	U	53	50.1	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	50.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	50.1	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	50.1	200	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	97.2	390	ug/Kg
83-32-9	Acenaphthene	31	U	31	50.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	97.2	390	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	97.2	390	ug/Kg
132-64-9	Dibenzofuran	32	U	32	50.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	50.1	200	ug/Kg
84-66-2	Diethylphthalate	39	U	39	50.1	200	ug/Kg
86-73-7	Fluorene	32	U	32	50.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	24	U	24	50.1	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	97.2	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	45	U	45	97.2	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	50.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	50.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	31	U	31	50.1	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	50.1	200	ug/Kg
1912-24-9	Atrazine	33	U	33	97.2	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	97.2	390	ug/Kg
85-01-8	Phenanthrene	460		32	50.1	200	ug/Kg
608-93-5	Pentachlorobenzene	44	U	44	50.1	200	ug/Kg
120-12-7	Anthracene	89	J	29	50.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	50.1	200	ug/Kg
86-74-8	Carbazole	48	J	40	97.2	390	ug/Kg
84-74-2	Di-n-butylphthalate	32	U	32	50.1	200	ug/Kg
206-44-0	Fluoranthene	700		22	97.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D08	SDG No.:	BG071524
Lab Sample ID:	P3100-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
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
BG062077.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	450		21	50.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	50.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	97.2	390	ug/Kg
56-55-3	Benzo(a)anthracene	320		27	50.1	200	ug/Kg
218-01-9	Chrysene	400		28	50.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	J	29	50.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	57	U	57	97.2	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	510		44	50.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	45	50.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	37	50.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	J	33	50.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	58	J	31	50.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38	U	38	50.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	50.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.984		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	23.805		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.224		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.254		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	22.877		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	28.933		10-135		72	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.375		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.493		10-140		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.337		1-145		8	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.886		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	29.257		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.902		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	27.987		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D08	SDG No.:	BG071524
Lab Sample ID:	P3100-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062077.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.308		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	28.668		10-150		72	SPK: -40
1718-52-1	Pyrene-d10	23.714		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.513		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47157	8.041				
1146-65-2	Naphthalene-d8	211484	10.856				
15067-26-2	Acenaphthene-d10	147442	14.675				
1517-22-2	Phenanthrene-d10	335976	17.424				
1719-03-5	Chrysene-d12	293518	21.684				
1520-96-3	Perylene-d12	346403	24.91				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	160	J			3.717	
001119-40-0	Pentanedioic acid, dimethyl ester	86	J			9.757	
000770-35-4	1-Phenoxypropan-2-ol	180	J			11.59	
000334-48-5	n-Decanoic acid	110	J			12.959	
038444-84-7	1,1-Biphenyl, 2,3,3-trichloro-	260	J			18.018	
	unknown-02	300	J			18.3	
000610-48-0	Anthracene, 1-methyl-	120	J			18.341	
041464-43-1	1,1-Biphenyl, 2,3,3,4-tetrachlo	270	J			18.482	
041464-39-5	1,1-Biphenyl, 2,2,3,5-tetrachlo	130	J			18.535	
015968-05-5	1,1-Biphenyl, 2,2,6,6-tetrachlo	150	J			18.582	
	(DEL) Alkane: Straight-Chain19.211	140	J			19.211	
041464-42-0	1,1-Biphenyl, 2,3,5,5-tetrachloro-	90	J			19.246	
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	140	J			19.293	
041464-48-6	1,1-Biphenyl, 3,3,4,5-tetrachloro-	220	J			19.334	
	(DEL) Alkane: Straight-Chain20.315	170	J			20.315	
1000309-24-5	Oxalic acid, allyl octadecyl ester	640	J			21.314	
	(DEL) Alkane: Straight-Chain22.489	1100	J			22.489	

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D08	SDG No.:	BG071524
Lab Sample ID:	P3100-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.1
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
BG062077.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
005337-61-1	2-Octadecyl-propane-1,3-diol	300	J			23.506	
077899-03-7	1-Heneicosyl formate	380	J			24.028	
057866-08-7	Tetracosanal	490	J			25.427	
	(DEL) Alkane: Straight-Chain26.044	3200	J			26.044	
E966796	Total Alkanes	4600				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D50	SDG No.:	BG071524
Lab Sample ID:	P3100-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.2
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
BG062078.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	75	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92.9	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	92.9	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	92.9	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	47.9	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92.9	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92.9	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92.9	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	92.9	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	47.9	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	47.9	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	47.9	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.9	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	47.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.9	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	47.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	47.9	190	ug/Kg
91-20-3	Naphthalene	54	J	27	47.9	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	47.9	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.9	190	ug/Kg
105-60-2	Caprolactam	72	U	72	92.9	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.9	190	ug/Kg
90-12-0	1-Methylnaphthalene	40	J	27	47.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	48	J	36	47.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.9	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D50	SDG No.:	BG071524
Lab Sample ID:	P3100-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.2
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
BG062078.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.9	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	47.9	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	47.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	47.9	190	ug/Kg
208-96-8	Acenaphthylene	52	J	33	47.9	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92.9	370	ug/Kg
83-32-9	Acenaphthene	29	U	29	47.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	92.9	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	92.9	370	ug/Kg
132-64-9	Dibenzofuran	30	U	30	47.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.9	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.9	190	ug/Kg
86-73-7	Fluorene	42	J	30	47.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	47.9	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92.9	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	92.9	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.9	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	47.9	190	ug/Kg
1912-24-9	Atrazine	32	U	32	92.9	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	92.9	370	ug/Kg
85-01-8	Phenanthrene	620		30	47.9	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	47.9	190	ug/Kg
120-12-7	Anthracene	90	J	28	47.9	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.9	190	ug/Kg
86-74-8	Carbazole	87	J	38	92.9	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.9	190	ug/Kg
206-44-0	Fluoranthene	1300		21	92.9	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D50	SDG No.:	BG071524
Lab Sample ID:	P3100-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.2
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
BG062078.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	830		20	47.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	92.9	370	ug/Kg
56-55-3	Benzo(a)anthracene	470		26	47.9	190	ug/Kg
218-01-9	Chrysene	670		27	47.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	72	J	28	47.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92.9	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	820		42	47.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	320		43	47.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	290		35	47.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	J	32	47.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	76	J	29	47.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	47.9	190	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.126		15-120		39	SPK: -8
4165-62-2	Phenol-d5	23.781		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.386		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.827		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	21.244		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	27.097		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.283		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.773		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.891		1-145		2	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.615		10-145		67	SPK: -40
93951-97-4	Acenaphthylene-d8	28.631		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.648		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	27.752		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D50	SDG No.:	BG071524
Lab Sample ID:	P3100-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.2
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
BG062078.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.115		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	27.75		10-150		69	SPK: -40
1718-52-1	Pyrene-d10	23.541		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.259		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	46888	8.047				
1146-65-2	Naphthalene-d8	226838	10.856				
15067-26-2	Acenaphthene-d10	149878	14.675				
1517-22-2	Phenanthrene-d10	341090	17.425				
1719-03-5	Chrysene-d12	313298	21.684				
1520-96-3	Perylene-d12	357678	24.91				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	110	J			3.717	
	unknown-02	78	J			9.757	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.59	
000575-41-7	Naphthalene, 1,3-dimethyl-	130	J			13.993	
000483-75-0	Naphthalene, 1,2,4a,5,6,8a-hexahyd	120	J			14.505	
	(DEL) Alkane: Straight-Chain16.385	120	J			16.385	
004707-47-5	Benzoic acid, 2,4-dihydroxy-3,6-di	140	J			16.555	
000486-25-9	9H-Fluoren-9-one	79	J			17.078	
	unknown-03	190	J			17.16	
000613-12-7	Anthracene, 2-methyl-	340	J			18.3	
000832-64-4	Phenanthrene, 4-methyl-	210	J			18.341	
000256-81-5	5H-Dibenzo[a,d]cycloheptene	210	J			18.488	
000610-48-0	Anthracene, 1-methyl-	94	J			18.529	
	unknown-04	110	J			18.582	
000612-94-2	Naphthalene, 2-phenyl-	84	J			18.788	
000084-65-1	9,10-Anthracenedione	200	J			18.835	
1000452-24-5	3,4-Dimethylphenanthrene	180	J			19.211	

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D50	SDG No.:	BG071524
Lab Sample ID:	P3100-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.2
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
BG062078.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000278-26-8	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-o	82	J			19.346	
002381-21-7	Pyrene, 1-methyl-	84	J			20.286	
	unknown-05	120	J			20.316	
000082-05-3	7H-Benz[de]anthracen-7-one	110	J			21.079	
1000309-37-9	Oxalic acid, isobutyl tetradecyl e	620	J			21.314	
000479-79-8	11H-Benzo[a]fluoren-11-one	150	J			21.414	
053057-53-7	1,21-Docosadiene	230	J			22.102	
	(DEL) Alkane: Straight-Chain22.489	1600	J			22.489	
014811-95-1	1,19-Eicosadiene	1100	J			23.506	
006920-24-7	Hexadecane-1,2-diol	630	J			24.035	
000638-66-4	Octadecanal	2000	J			25.433	
	(DEL) Alkane: Straight-Chain26.050	4500	J			26.05	
1000131-07-2	Z-10-Octadecen-1-ol acetate	2000	J			28.2	
E966796	Total Alkanes	6200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW6	SDG No.:	BG071524
Lab Sample ID:	P3100-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.5
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
BG062079.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	65	U	65	15.9	160	ug/Kg
100-52-7	Benzaldehyde	140	U	140	200	790	ug/Kg
110-86-1	Pyridine	180	U	180	400	790	ug/Kg
108-95-2	Phenol	72	U	72	200	790	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	70	U	70	200	790	ug/Kg
95-57-8	2-Chlorophenol	67	U	67	100	410	ug/Kg
95-48-7	2-Methylphenol	74	U	74	200	790	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	96	U	96	200	790	ug/Kg
98-86-2	Acetophenone	160	U	160	200	790	ug/Kg
106-44-5	4-Methylphenol	130	U	130	200	790	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	190	U	190	100	410	ug/Kg
67-72-1	Hexachloroethane	150	U	150	100	410	ug/Kg
98-95-3	Nitrobenzene	150	U	150	100	410	ug/Kg
78-59-1	Isophorone	160	U	160	100	410	ug/Kg
88-75-5	2-Nitrophenol	140	U	140	100	410	ug/Kg
105-67-9	2,4-Dimethylphenol	77	U	77	100	410	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	110	U	110	100	410	ug/Kg
120-83-2	2,4-Dichlorophenol	91	U	91	100	410	ug/Kg
91-20-3	Naphthalene	58	U	58	100	410	ug/Kg
106-47-8	4-Chloroaniline	86	U	86	100	790	ug/Kg
87-68-3	Hexachlorobutadiene	84	U	84	100	410	ug/Kg
105-60-2	Caprolactam	150	U	150	200	790	ug/Kg
59-50-7	4-Chloro-3-methylphenol	98	U	98	100	410	ug/Kg
90-12-0	1-Methylnaphthalene	58	U	58	100	410	ug/Kg
91-57-6	2-Methylnaphthalene	77	U	77	100	410	ug/Kg
77-47-4	Hexachlorocyclopentadiene	230	U	230	200	790	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	U	58	100	410	ug/Kg
95-95-4	2,4,5-Trichlorophenol	79	U	79	100	410	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW6	SDG No.:	BG071524
Lab Sample ID:	P3100-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.5
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
BG062079.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	62	U	62	100	410	ug/Kg
91-58-7	2-Chloronaphthalene	79	U	79	100	410	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	100	410	ug/Kg
131-11-3	Dimethylphthalate	72	U	72	100	410	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	100	410	ug/Kg
208-96-8	Acenaphthylene	70	U	70	100	410	ug/Kg
99-09-2	3-Nitroaniline	160	U	160	200	790	ug/Kg
83-32-9	Acenaphthene	62	U	62	100	410	ug/Kg
51-28-5	2,4-Dinitrophenol	310	U	310	200	790	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	200	790	ug/Kg
132-64-9	Dibenzofuran	65	U	65	100	410	ug/Kg
121-14-2	2,4-Dinitrotoluene	84	U	84	100	410	ug/Kg
84-66-2	Diethylphthalate	79	U	79	100	410	ug/Kg
86-73-7	Fluorene	90	J	65	100	410	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48	U	48	100	410	ug/Kg
100-01-6	4-Nitroaniline	58	U	58	200	790	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	91	U	91	200	790	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	58	100	410	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	82	U	82	100	410	ug/Kg
101-55-3	4-Bromophenyl-phenylether	62	U	62	100	410	ug/Kg
118-74-1	Hexachlorobenzene	67	U	67	100	410	ug/Kg
1912-24-9	Atrazine	67	U	67	200	790	ug/Kg
87-86-5	Pentachlorophenol	210	U	210	200	790	ug/Kg
85-01-8	Phenanthrene	960		65	100	410	ug/Kg
608-93-5	Pentachlorobenzene	89	U	89	100	410	ug/Kg
120-12-7	Anthracene	230	J	60	100	410	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	100	410	ug/Kg
86-74-8	Carbazole	82	U	82	200	790	ug/Kg
84-74-2	Di-n-butylphthalate	65	U	65	100	410	ug/Kg
206-44-0	Fluoranthene	1300		46	200	410	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW6	SDG No.:	BG071524
Lab Sample ID:	P3100-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.5
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
BG062079.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000		43	100	410	ug/Kg
85-68-7	Butylbenzylphthalate	53	U	53	100	410	ug/Kg
91-94-1	3,3-Dichlorobenzidine	120	U	120	200	790	ug/Kg
56-55-3	Benzo(a)anthracene	610		55	100	410	ug/Kg
218-01-9	Chrysene	550		58	100	410	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	60	U	60	100	410	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	200	790	ug/Kg
205-99-2	Benzo(b)fluoranthene	590		89	100	410	ug/Kg
207-08-9	Benzo(k)fluoranthene	240	J	91	100	410	ug/Kg
50-32-8	Benzo(a)pyrene	450		74	100	410	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	J	67	100	410	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	62	U	62	100	410	ug/Kg
191-24-2	Benzo(g,h,i)perylene	190	J	77	100	410	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	86	U	86	100	410	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.472		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	15.619		20-120		39	SPK: -40
4165-62-2	Phenol-d5	21.297		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.861		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.026		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	22.152		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	24.579		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.949		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.689		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.762		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.331		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	26.054		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.763		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	25.235		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4BW6	SDG No.:	BG071524
Lab Sample ID:	P3100-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	58.5
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
BG062079.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.051		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	25.975		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	25.144		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.679		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44881	8.044				
1146-65-2	Naphthalene-d8	216583	10.858				
15067-26-2	Acenaphthene-d10	146651	14.677				
1517-22-2	Phenanthrene-d10	323359	17.427				
1719-03-5	Chrysene-d12	288702	21.687				
1520-96-3	Perylene-d12	338279	24.907				
TENTATIVE IDENTIFIED COMPOUNDS							
000067-63-0	Isopropyl Alcohol	290	J			3.72	
000770-35-4	1-Phenoxypropan-2-ol	380	J			11.593	
E966796	Total Alkanes	62	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D13	SDG No.:	BG071524
Lab Sample ID:	P3100-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.3
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
BG062080.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

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	52.7	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	50	U	50	100	410	ug/Kg
98-86-2	Acetophenone	82	U	82	100	410	ug/Kg
106-44-5	4-Methylphenol	66	U	66	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	98	U	98	52.7	210	ug/Kg
67-72-1	Hexachloroethane	76	U	76	52.7	210	ug/Kg
98-95-3	Nitrobenzene	79	U	79	52.7	210	ug/Kg
78-59-1	Isophorone	82	U	82	52.7	210	ug/Kg
88-75-5	2-Nitrophenol	74	U	74	52.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	40	U	40	52.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	56	U	56	52.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	52.7	210	ug/Kg
91-20-3	Naphthalene	30	U	30	52.7	210	ug/Kg
106-47-8	4-Chloroaniline	45	U	45	52.7	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	52.7	210	ug/Kg
105-60-2	Caprolactam	79	U	79	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	51	U	51	52.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	30	U	30	52.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	52.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30	U	30	52.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41	U	41	52.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D13	SDG No.:	BG071524
Lab Sample ID:	P3100-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.3
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
BG062080.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	52.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	41	U	41	52.7	210	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	52.7	210	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	52.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	52.7	210	ug/Kg
208-96-8	Acenaphthylene	36	U	36	52.7	210	ug/Kg
99-09-2	3-Nitroaniline	82	U	82	100	410	ug/Kg
83-32-9	Acenaphthene	32	U	32	52.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	33	U	33	52.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	52.7	210	ug/Kg
84-66-2	Diethylphthalate	41	U	41	52.7	210	ug/Kg
86-73-7	Fluorene	33	U	33	52.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	52.7	210	ug/Kg
100-01-6	4-Nitroaniline	30	U	30	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	47	U	47	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	30	U	30	52.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	52.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	52.7	210	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	52.7	210	ug/Kg
1912-24-9	Atrazine	35	U	35	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	660		33	52.7	210	ug/Kg
608-93-5	Pentachlorobenzene	46	U	46	52.7	210	ug/Kg
120-12-7	Anthracene	110	J	31	52.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	21	U	21	52.7	210	ug/Kg
86-74-8	Carbazole	75	J	42	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	33	U	33	52.7	210	ug/Kg
206-44-0	Fluoranthene	1400		24	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D13	SDG No.:	BG071524
Lab Sample ID:	P3100-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.3
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
BG062080.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	920		22	52.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	27	U	27	52.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	660		29	52.7	210	ug/Kg
218-01-9	Chrysene	810		30	52.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	J	31	52.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	59	U	59	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		46	52.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	380		47	52.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	330		38	52.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220		35	52.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	32	52.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	52.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	52.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.299		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	24.056		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.947		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.449		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	23.02		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	26.47		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.757		10-120		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.63		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.77		1-145		2	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.383		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	29.01		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.927		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	27.978		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D13	SDG No.:	BG071524
Lab Sample ID:	P3100-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.3
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
BG062080.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.83		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	28.23		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	23.895		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.319		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	50673	8.047				
1146-65-2	Naphthalene-d8	247029	10.861				
15067-26-2	Acenaphthene-d10	160556	14.68				
1517-22-2	Phenanthrene-d10	352986	17.424				
1719-03-5	Chrysene-d12	308225	21.69				
1520-96-3	Perylene-d12	365523	24.927				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	180	J			3.723	
000770-35-4	1-Phenoxypropan-2-ol	170	J			11.59	
000334-48-5	n-Decanoic acid	370	J			12.97	
038444-88-1	1,1-Biphenyl, 3,4,5-trichloro-unknown-01	85	J			17.295	
		95	J			17.683	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	860	J			18.017	
062796-65-0	1,1-Biphenyl, 2,2,4,6-Tetrachloro-unknown-02	110	J			18.129	
		410	J			18.305	
004505-48-0	1H-Indene, 2-phenyl-	190	J			18.347	
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	730	J			18.482	
073575-52-7	2,3,4,5-Tetrachloro-1,1-biphenyl	330	J			18.541	
015968-05-5	1,1-Biphenyl, 2,2,6,6-tetrachloro-	420	J			18.587	
052663-59-9	1,1-Biphenyl, 2,2,3,4-tetrachloro-	260	J			18.764	
032690-93-0	Biphenyl, 2,4,4,5-tetrachloro-(DEL) Alkane: Straight-Chain19.210	160	J			18.94	
		140	J			19.21	
052663-58-8	1,1-Biphenyl, 2,3,4,6-tetrachloro-	230	J			19.246	
002437-79-8	1,1-Biphenyl, 2,2,4,4-tetrachloro-	460	J			19.298	

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	A4D13	SDG No.:	BG071524
Lab Sample ID:	P3100-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.3
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
BG062080.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
032598-13-3	1,1-Biphenyl, 3,3,4,4-tetrachlo	560	J			19.334	
041464-49-7	1,1-Biphenyl, 2,3,3,5-tetrachlo	210	J			19.545	
037680-73-2	1,1-Biphenyl, 2,2,4,5,5-pentach	140	J			19.604	
057465-28-8	3,3,4,4,,5-Pentachloro-1,1-biph	88	J			19.663	
038380-03-9	1,1-Biphenyl, 2,3,3,4,6-pentach	110	J			20.045	
	(DEL) Alkane: Straight-Chain20.315	190	J			20.315	
074472-36-9	2,3,3,5,6-Pentachloro-1,1-biphen	96	J			20.356	
002050-77-3	Decane, 1-iodo-	100	J			20.808	
000082-05-3	7H-Benz[de]anthracen-7-one	90	J			21.084	
1000309-37-9	Oxalic acid, isobutyl tetradecyl e	810	J			21.314	
053057-53-7	1,21-Docosadiene	180	J			22.107	
	(DEL) Alkane: Straight-Chain22.477	760	J			22.477	
067860-04-2	Oxirane, heptadecyl-	580	J			23.517	
015594-90-8	1-Heneicosanol	730	J			24.04	
014811-95-1	1,19-Eicosadiene	820	J			25.438	
	(DEL) Alkane: Straight-Chain26.073	6200	J			26.073	
	(DEL) Alkane: Straight-Chain29.052	1400	J			29.052	
E966796	Total Alkanes	8700				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SLCS886	SDG No.:	BG071524
Lab Sample ID:	PB161886BS	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
BG062081.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	280		27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	950		58	82.5	330	ug/Kg
110-86-1	Pyridine	700		77	170	330	ug/Kg
108-95-2	Phenol	890		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	760		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	930		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	840		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	700		40	82.5	330	ug/Kg
98-86-2	Acetophenone	850		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	870		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	750		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	950		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1000		64	42.5	170	ug/Kg
78-59-1	Isophorone	810		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1100		60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	750		32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	810		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		38	42.5	170	ug/Kg
91-20-3	Naphthalene	990		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	830		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1200		35	42.5	170	ug/Kg
105-60-2	Caprolactam	930		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	960		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1000		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	J	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1000		24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		33	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SLCS886	SDG No.:	BG071524
Lab Sample ID:	PB161886BS	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
BG062081.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1000		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1000		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1100		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	980		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1000		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1100		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	1000		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	760		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1200		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1000		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	970		33	42.5	170	ug/Kg
86-73-7	Fluorene	980		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1100		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1000		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1200		28	42.5	170	ug/Kg
1912-24-9	Atrazine	550		28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	760		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	1000		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1200		37	42.5	170	ug/Kg
120-12-7	Anthracene	970		25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1300		17	42.5	170	ug/Kg
86-74-8	Carbazole	1100		34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	990		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	990		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SLCS886	SDG No.:	BG071524
Lab Sample ID:	PB161886BS	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
BG062081.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	990		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	970		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	950		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		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	1100		38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	950		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	930		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	940		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	780		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1000		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.07		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	21.599		20-120		54	SPK: -40
4165-62-2	Phenol-d5	27.597		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.042		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.079		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	26.689		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	31.667		10-135		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.356		10-120		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.057		10-140		88	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.863		1-145		70	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.643		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	32.738		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.674		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	31.289		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	7/2/2024 12:00:00 AM
Project:		Date Received:	7/2/2024 12:00:00 AM
Client Sample ID:	SLCS886	SDG No.:	BG071524
Lab Sample ID:	PB161886BS	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
BG062081.D	1	7/2/2024 12:00:00 AM	7/15/2024 12:00:00 AM	PB161886

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.702		10-130		79	SPK: -40
1719-06-8	Anthracene-d10	31.713		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	31.16		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.735		10-140		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45644	8.053				
1146-65-2	Naphthalene-d8	209412	10.861				
15067-26-2	Acenaphthene-d10	144308	14.68				
1517-22-2	Phenanthrene-d10	315951	17.43				
1719-03-5	Chrysene-d12	281074	21.696				
1520-96-3	Perylene-d12	332233	24.915				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	SBLK022	SDG No.:	BG071524
Lab Sample ID:	PB162022BL	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
BG062083.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162022

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

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	SBLK022	SDG No.:	BG071524
Lab Sample ID:	PB162022BL	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
BG062083.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162022

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

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	SBLK022	SDG No.:	BG071524
Lab Sample ID:	PB162022BL	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
BG062083.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.541		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	21.697		20-120		54	SPK: -40
4165-62-2	Phenol-d5	24.922		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.304		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.614		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	24.875		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	28.263		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.872		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.548		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.253		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.269		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	28.637		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.307		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	27.213		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	SBLK022	SDG No.:	BG071524
Lab Sample ID:	PB162022BL	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
BG062083.D	1	7/11/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB162022

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.898		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	29.774		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	29.728		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.759		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	54724	8.048				
1146-65-2	Naphthalene-d8	259774	10.857				
15067-26-2	Acenaphthene-d10	175960	14.676				
1517-22-2	Phenanthrene-d10	383312	17.426				
1719-03-5	Chrysene-d12	335420	21.685				
1520-96-3	Perylene-d12	391509	24.905				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	YDZE5DL	SDG No.:	BG071524
Lab Sample ID:	P3137-16DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062084.D	5	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	53	D	6.1	2.6	10	ug/L
100-52-7	Benzaldehyde	12	U	12	25.5	51	ug/L
110-86-1	Pyridine	11	U	11	51	51	ug/L
108-95-2	Phenol	7.7	U	7.7	25.5	51	ug/L
111-44-4	Bis(2-Chloroethyl)ether	6.6	U	6.6	25.5	51	ug/L
95-57-8	2-Chlorophenol	6.1	U	6.1	12.8	26	ug/L
95-48-7	2-Methylphenol	4.2	U	4.2	25.5	51	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	6.1	U	6.1	25.5	51	ug/L
98-86-2	Acetophenone	4.5	U	4.5	25.5	51	ug/L
106-44-5	4-Methylphenol	6.1	U	6.1	25.5	51	ug/L
621-64-7	N-Nitroso-di-n-propylamine	7.7	U	7.7	12.8	26	ug/L
67-72-1	Hexachloroethane	7.7	U	7.7	12.8	26	ug/L
98-95-3	Nitrobenzene	5.1	U	5.1	12.8	26	ug/L
78-59-1	Isophorone	5.6	U	5.6	12.8	26	ug/L
88-75-5	2-Nitrophenol	6.1	U	6.1	12.8	26	ug/L
105-67-9	2,4-Dimethylphenol	5.6	U	5.6	12.8	26	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	6.1	U	6.1	12.8	26	ug/L
120-83-2	2,4-Dichlorophenol	4.7	U	4.7	12.8	26	ug/L
91-20-3	Naphthalene	3.6	U	3.6	12.8	26	ug/L
106-47-8	4-Chloroaniline	9.2	U	9.2	12.8	51	ug/L
87-68-3	Hexachlorobutadiene	5	U	5	12.8	26	ug/L
105-60-2	Caprolactam	15	U	15	25.5	51	ug/L
59-50-7	4-Chloro-3-methylphenol	10	U	10	12.8	26	ug/L
90-12-0	1-Methylnaphthalene	5.1	U	5.1	12.8	26	ug/L
91-57-6	2-Methylnaphthalene	8.2	U	8.2	12.8	26	ug/L
77-47-4	Hexachlorocyclopentadiene	16	U	16	25.5	51	ug/L
88-06-2	2,4,6-Trichlorophenol	4.1	U	4.1	12.8	26	ug/L
95-95-4	2,4,5-Trichlorophenol	4.1	U	4.1	12.8	26	ug/L

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	YDZE5DL	SDG No.:	BG071524
Lab Sample ID:	P3137-16DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062084.D	5	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	5.1	U	5.1	12.8	26	ug/L
91-58-7	2-Chloronaphthalene	5.6	U	5.6	12.8	26	ug/L
88-74-4	2-Nitroaniline	8.7	U	8.7	12.8	26	ug/L
131-11-3	Dimethylphthalate	6.6	U	6.6	12.8	26	ug/L
606-20-2	2,6-Dinitrotoluene	6.6	U	6.6	12.8	26	ug/L
208-96-8	Acenaphthylene	5.6	U	5.6	12.8	26	ug/L
99-09-2	3-Nitroaniline	7.7	U	7.7	25.5	51	ug/L
83-32-9	Acenaphthene	5.6	U	5.6	12.8	26	ug/L
51-28-5	2,4-Dinitrophenol	14	U	14	25.5	51	ug/L
100-02-7	4-Nitrophenol	7.1	U	7.1	25.5	51	ug/L
132-64-9	Dibenzofuran	4.4	U	4.4	12.8	26	ug/L
121-14-2	2,4-Dinitrotoluene	5.6	U	5.6	12.8	26	ug/L
84-66-2	Diethylphthalate	4.4	U	4.4	12.8	26	ug/L
86-73-7	Fluorene	4.4	U	4.4	12.8	26	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.9	U	4.9	12.8	26	ug/L
100-01-6	4-Nitroaniline	6.1	U	6.1	25.5	51	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	6.1	U	6.1	25.5	51	ug/L
86-30-6	N-Nitrosodiphenylamine	3.6	U	3.6	12.8	26	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.6	U	4.6	12.8	26	ug/L
101-55-3	4-Bromophenyl-phenylether	7.1	U	7.1	12.8	26	ug/L
118-74-1	Hexachlorobenzene	2.9	U	2.9	12.8	26	ug/L
1912-24-9	Atrazine	4.9	U	4.9	25.5	51	ug/L
87-86-5	Pentachlorophenol	13	U	13	25.5	51	ug/L
85-01-8	Phenanthrene	4.9	U	4.9	12.8	26	ug/L
608-93-5	Pentachlorobenzene	6.1	U	6.1	12.8	26	ug/L
120-12-7	Anthracene	3.7	U	3.7	12.8	26	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4.7	U	4.7	12.8	26	ug/L
86-74-8	Carbazole	5.1	U	5.1	25.5	51	ug/L
84-74-2	Di-n-butylphthalate	4.1	U	4.1	12.8	26	ug/L
206-44-0	Fluoranthene	3.3	U	3.3	25.5	26	ug/L

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	YDZE5DL	SDG No.:	BG071524
Lab Sample ID:	P3137-16DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062084.D	5	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2.7	U	2.7	12.8	26	ug/L
85-68-7	Butylbenzylphthalate	4.9	U	4.9	12.8	26	ug/L
91-94-1	3,3-Dichlorobenzidine	8.7	U	8.7	25.5	51	ug/L
56-55-3	Benzo(a)anthracene	2.9	U	2.9	12.8	26	ug/L
218-01-9	Chrysene	3.8	U	3.8	12.8	26	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.4	U	4.4	12.8	26	ug/L
117-84-0	Di-n-octyl phthalate	7.7	U	7.7	25.5	51	ug/L
205-99-2	Benzo(b)fluoranthene	5.6	U	5.6	12.8	26	ug/L
207-08-9	Benzo(k)fluoranthene	5.6	U	5.6	12.8	26	ug/L
50-32-8	Benzo(a)pyrene	5.6	U	5.6	12.8	26	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	7.1	U	7.1	12.8	26	ug/L
53-70-3	Dibenzo(a,h)anthracene	6.1	U	6.1	12.8	26	ug/L
191-24-2	Benzo(g,h,i)perylene	5.6	U	5.6	12.8	26	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.1	U	5.1	12.8	26	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.405		15-120		18	SPK: -8
7291-22-7	Pyridine-d5	8.275		20-120		21	SPK: -40
4165-62-2	Phenol-d5	12.66		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.83		25-120		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.505		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	26.72		25-125		67	SPK: -40
4165-60-0	Nitrobenzene-d5	32.755		20-125		82	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.04		20-130		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.51		20-120		89	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.56		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.205		25-130		91	SPK: -40
93951-97-4	Acenaphthylene-d8	37.155		10-130		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.985		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	35.99		25-125		90	SPK: -40

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	YDZE5DL	SDG No.:	BG071524
Lab Sample ID:	P3137-16DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062084.D	5	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	39.84		25-130		100	SPK: -40
1718-52-1	Pyrene-d10	40.92		15-130		102	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.455		20-130		99	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43830	8.047				
1146-65-2	Naphthalene-d8	206025	10.861				
15067-26-2	Acenaphthene-d10	139831	14.68				
1517-22-2	Phenanthrene-d10	307160	17.424				
1719-03-5	Chrysene-d12	273387	21.684				
1520-96-3	Perylene-d12	321743	24.904				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	10.773	13	JD		10.773	
	unknown-01		24	JD		11.402	
	unknown-02		41	JD		13.488	
	(DEL) Alkane: Straight-Chain	13.693	66	JD		13.693	
	unknown-03		15	JD		14.428	
E966796	Total Alkanes		79	D		99	ug/L

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	YDZG7DL	SDG No.:	BG071524
Lab Sample ID:	P3137-18DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062085.D	5	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	89	D	6.1	2.5	10	ug/L
100-52-7	Benzaldehyde	12	U	12	25.3	51	ug/L
110-86-1	Pyridine	11	U	11	50.5	51	ug/L
108-95-2	Phenol	7.6	U	7.6	25.3	51	ug/L
111-44-4	Bis(2-Chloroethyl)ether	6.6	U	6.6	25.3	51	ug/L
95-57-8	2-Chlorophenol	6.1	U	6.1	12.6	25	ug/L
95-48-7	2-Methylphenol	4.1	U	4.1	25.3	51	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	6.1	U	6.1	25.3	51	ug/L
98-86-2	Acetophenone	4.5	U	4.5	25.3	51	ug/L
106-44-5	4-Methylphenol	6.1	U	6.1	25.3	51	ug/L
621-64-7	N-Nitroso-di-n-propylamine	7.6	U	7.6	12.6	25	ug/L
67-72-1	Hexachloroethane	7.6	U	7.6	12.6	25	ug/L
98-95-3	Nitrobenzene	5	U	5	12.6	25	ug/L
78-59-1	Isophorone	5.6	U	5.6	12.6	25	ug/L
88-75-5	2-Nitrophenol	6.1	U	6.1	12.6	25	ug/L
105-67-9	2,4-Dimethylphenol	5.6	U	5.6	12.6	25	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	6.1	U	6.1	12.6	25	ug/L
120-83-2	2,4-Dichlorophenol	4.7	U	4.7	12.6	25	ug/L
91-20-3	Naphthalene	3.5	U	3.5	12.6	25	ug/L
106-47-8	4-Chloroaniline	9.1	U	9.1	12.6	51	ug/L
87-68-3	Hexachlorobutadiene	4.9	U	4.9	12.6	25	ug/L
105-60-2	Caprolactam	15	U	15	25.3	51	ug/L
59-50-7	4-Chloro-3-methylphenol	10	U	10	12.6	25	ug/L
90-12-0	1-Methylnaphthalene	5.1	U	5.1	12.6	25	ug/L
91-57-6	2-Methylnaphthalene	8.1	U	8.1	12.6	25	ug/L
77-47-4	Hexachlorocyclopentadiene	16	U	16	25.3	51	ug/L
88-06-2	2,4,6-Trichlorophenol	4.1	U	4.1	12.6	25	ug/L
95-95-4	2,4,5-Trichlorophenol	4	U	4	12.6	25	ug/L

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	YDZG7DL	SDG No.:	BG071524
Lab Sample ID:	P3137-18DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062085.D	5	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	5	U	5	12.6	25	ug/L
91-58-7	2-Chloronaphthalene	5.6	U	5.6	12.6	25	ug/L
88-74-4	2-Nitroaniline	8.6	U	8.6	12.6	25	ug/L
131-11-3	Dimethylphthalate	6.6	U	6.6	12.6	25	ug/L
606-20-2	2,6-Dinitrotoluene	6.6	U	6.6	12.6	25	ug/L
208-96-8	Acenaphthylene	5.6	U	5.6	12.6	25	ug/L
99-09-2	3-Nitroaniline	7.6	U	7.6	25.3	51	ug/L
83-32-9	Acenaphthene	5.6	U	5.6	12.6	25	ug/L
51-28-5	2,4-Dinitrophenol	14	U	14	25.3	51	ug/L
100-02-7	4-Nitrophenol	7.1	U	7.1	25.3	51	ug/L
132-64-9	Dibenzofuran	4.4	U	4.4	12.6	25	ug/L
121-14-2	2,4-Dinitrotoluene	5.6	U	5.6	12.6	25	ug/L
84-66-2	Diethylphthalate	4.4	U	4.4	12.6	25	ug/L
86-73-7	Fluorene	4.4	U	4.4	12.6	25	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.8	U	4.8	12.6	25	ug/L
100-01-6	4-Nitroaniline	6.1	U	6.1	25.3	51	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	6.1	U	6.1	25.3	51	ug/L
86-30-6	N-Nitrosodiphenylamine	3.6	U	3.6	12.6	25	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.5	U	4.5	12.6	25	ug/L
101-55-3	4-Bromophenyl-phenylether	7.1	U	7.1	12.6	25	ug/L
118-74-1	Hexachlorobenzene	2.8	U	2.8	12.6	25	ug/L
1912-24-9	Atrazine	4.8	U	4.8	25.3	51	ug/L
87-86-5	Pentachlorophenol	13	U	13	25.3	51	ug/L
85-01-8	Phenanthrene	4.9	U	4.9	12.6	25	ug/L
608-93-5	Pentachlorobenzene	6.1	U	6.1	12.6	25	ug/L
120-12-7	Anthracene	3.6	U	3.6	12.6	25	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4.6	U	4.6	12.6	25	ug/L
86-74-8	Carbazole	5.1	U	5.1	25.3	51	ug/L
84-74-2	Di-n-butylphthalate	4.1	U	4.1	12.6	25	ug/L
206-44-0	Fluoranthene	3.3	U	3.3	25.3	25	ug/L

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	YDZG7DL	SDG No.:	BG071524
Lab Sample ID:	P3137-18DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062085.D	5	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2.7	U	2.7	12.6	25	ug/L
85-68-7	Butylbenzylphthalate	4.9	U	4.9	12.6	25	ug/L
91-94-1	3,3-Dichlorobenzidine	8.6	U	8.6	25.3	51	ug/L
56-55-3	Benzo(a)anthracene	2.8	U	2.8	12.6	25	ug/L
218-01-9	Chrysene	3.8	U	3.8	12.6	25	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.4	U	4.4	12.6	25	ug/L
117-84-0	Di-n-octyl phthalate	7.6	U	7.6	25.3	51	ug/L
205-99-2	Benzo(b)fluoranthene	5.6	U	5.6	12.6	25	ug/L
207-08-9	Benzo(k)fluoranthene	5.6	U	5.6	12.6	25	ug/L
50-32-8	Benzo(a)pyrene	5.6	U	5.6	12.6	25	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	7.1	U	7.1	12.6	25	ug/L
53-70-3	Dibenzo(a,h)anthracene	6.1	U	6.1	12.6	25	ug/L
191-24-2	Benzo(g,h,i)perylene	5.6	U	5.6	12.6	25	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.1	U	5.1	12.6	25	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.13	*	15-120		14	SPK: -8
7291-22-7	Pyridine-d5	9.04		20-120		23	SPK: -40
4165-62-2	Phenol-d5	14.275		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.28		25-120		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.605		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	25.945		25-125		65	SPK: -40
4165-60-0	Nitrobenzene-d5	31.2		20-125		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.055		20-130		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.825		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.15		1-146		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.915		25-130		87	SPK: -40
93951-97-4	Acenaphthylene-d8	35.8		10-130		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	12		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	33.62		25-125		84	SPK: -40

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	YDZG7DL	SDG No.:	BG071524
Lab Sample ID:	P3137-18DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062085.D	5	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	36.635		25-130		92	SPK: -40
1718-52-1	Pyrene-d10	37.88		15-130		95	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.44		20-130		91	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43172	8.044				
1146-65-2	Naphthalene-d8	198786	10.858				
15067-26-2	Acenaphthene-d10	135186	14.677				
1517-22-2	Phenanthrene-d10	302981	17.421				
1719-03-5	Chrysene-d12	267227	21.687				
1520-96-3	Perylene-d12	317678	24.906				
TENTATIVE IDENTIFIED COMPOUNDS							
000625-80-9	Diisopropyl sulfide	18	JD			4.483	
	unknown-01	28	JD			6.575	
000126-81-8	1,3-Cyclohexanedione, 5,5-dimethyl	17	JD			7.685	
023586-66-5	1,1,3,3-Tetramethyl-1,3-disilacycl	19	JD			7.926	
056077-22-6	3,3,4,4-Tetramethyl-cyclopentanone	73	JD			8.097	
	unknown-02	16	JD			8.343	
	unknown-03	14	JD			8.59	
	unknown-04	15	JD			8.708	
	unknown-05	31	JD			9.113	
054458-61-6	2-Cyclopenten-1-one, 2,3,4,5-tetra	25	JD			9.407	
000455-36-7	Ethanone, 1-(3-fluorophenyl)-	22	JD			9.571	
	unknown-06	150	JD			9.665	
070786-44-6	3,6-Dimethyl-2,3,3a,4,5,7a-hexahyd	47	JD			10.077	
000464-48-2	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	20	JD			10.265	
	unknown-07	21	JD			10.376	
	unknown-08	22	JD			10.558	
	(DEL) Alkane: Straight-Chain10.788	500	JD			10.788	

Report of Analysis

Client:		Date Collected:	6/28/2024 12:00:00 AM
Project:		Date Received:	6/28/2024 12:00:00 AM
Client Sample ID:	YDZG7DL	SDG No.:	BG071524
Lab Sample ID:	P3137-18DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062085.D	5	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Cyclic10.934	48	JD			10.934	
1000279-07-3	4-Fluorobenzoic acid, 3,5-dimethyl	28	JD			11.111	
	(DEL) Alkane: Straight-Chain11.410	430	JD			11.41	
	unknown-09	120	JD			11.51	
	unknown-10	20	JD			11.575	
000620-02-0	2-Furancarboxaldehyde, 5-methyl-	14	JD			11.663	
000528-21-2	Ethanone, 1-(2,3,4-trihydroxypheny	22	JD			11.927	
	(DEL) Alkane: Straight-Chain12.010	96	JD			12.01	
	(DEL) Alkane: Straight-Chain12.104	12	JD			12.104	
000560-23-6	1-Pentene, 2,3,3-trimethyl-	51	JD			12.309	
1000319-71-9	1H-Pyrazole-4-carboxaldehyde, 1-et	26	JD			12.345	
	(DEL) Alkane: Straight-Chain12.403	20	JD			12.403	
	(DEL) Alkane: Cyclic12.585	88	JD			12.585	
001438-14-8	Oxirane, (1-methylethyl)-	19	JD			12.662	
	(DEL) Alkane: Cyclic12.697	66	JD			12.697	
	unknown-11	12	JD			12.95	
	(DEL) Alkane: Straight-Chain13.032	15	JD			13.032	
	unknown-12	210	JD			13.508	
	(DEL) Alkane: Straight-Chain13.625	24	JD			13.625	
	(DEL) Alkane: Straight-Chain13.714	170	JD			13.714	
021293-01-6	2,4-Hexadiene, 3,4-dimethyl-, (Z,Z	18	JD			13.872	
001515-79-3	5,5-Dimethyl-1,3-hexadiene	18	JD			14.131	
	unknown-13	47	JD			14.436	
000134-62-3	Diethyltoluamide	77	JD			15.412	
E966796	Total Alkanes	1500	D			99	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZE3DL	SDG No.:	BG071524
Lab Sample ID:	P3137-21DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062086.D	2	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	45	D	2.4	1	4	ug/L
100-52-7	Benzaldehyde	4.6	U	4.6	10	20	ug/L
110-86-1	Pyridine	4.4	U	4.4	20	20	ug/L
108-95-2	Phenol	3	U	3	10	20	ug/L
111-44-4	Bis(2-Chloroethyl)ether	2.6	U	2.6	10	20	ug/L
95-57-8	2-Chlorophenol	2.4	U	2.4	5	10	ug/L
95-48-7	2-Methylphenol	1.64	U	1.64	10	20	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.4	U	2.4	10	20	ug/L
98-86-2	Acetophenone	1.78	U	1.78	10	20	ug/L
106-44-5	4-Methylphenol	2.4	U	2.4	10	20	ug/L
621-64-7	N-Nitroso-di-n-propylamine	3	U	3	5	10	ug/L
67-72-1	Hexachloroethane	3	U	3	5	10	ug/L
98-95-3	Nitrobenzene	1.98	U	1.98	5	10	ug/L
78-59-1	Isophorone	2.2	U	2.2	5	10	ug/L
88-75-5	2-Nitrophenol	2.4	U	2.4	5	10	ug/L
105-67-9	2,4-Dimethylphenol	2.2	U	2.2	5	10	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	2.4	U	2.4	5	10	ug/L
120-83-2	2,4-Dichlorophenol	1.86	U	1.86	5	10	ug/L
91-20-3	Naphthalene	1.4	U	1.4	5	10	ug/L
106-47-8	4-Chloroaniline	3.6	U	3.6	5	20	ug/L
87-68-3	Hexachlorobutadiene	1.96	U	1.96	5	10	ug/L
105-60-2	Caprolactam	5.8	U	5.8	10	20	ug/L
59-50-7	4-Chloro-3-methylphenol	4	U	4	5	10	ug/L
90-12-0	1-Methylnaphthalene	2	U	2	5	10	ug/L
91-57-6	2-Methylnaphthalene	3.2	U	3.2	5	10	ug/L
77-47-4	Hexachlorocyclopentadiene	6.2	U	6.2	10	20	ug/L
88-06-2	2,4,6-Trichlorophenol	1.62	U	1.62	5	10	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	5	10	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZE3DL	SDG No.:	BG071524
Lab Sample ID:	P3137-21DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062086.D	2	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.98	U	1.98	5	10	ug/L
91-58-7	2-Chloronaphthalene	2.2	U	2.2	5	10	ug/L
88-74-4	2-Nitroaniline	3.4	U	3.4	5	10	ug/L
131-11-3	Dimethylphthalate	2.6	U	2.6	5	10	ug/L
606-20-2	2,6-Dinitrotoluene	2.6	U	2.6	5	10	ug/L
208-96-8	Acenaphthylene	2.2	U	2.2	5	10	ug/L
99-09-2	3-Nitroaniline	3	U	3	10	20	ug/L
83-32-9	Acenaphthene	2.2	U	2.2	5	10	ug/L
51-28-5	2,4-Dinitrophenol	5.6	U	5.6	10	20	ug/L
100-02-7	4-Nitrophenol	2.8	U	2.8	10	20	ug/L
132-64-9	Dibenzofuran	1.74	U	1.74	5	10	ug/L
121-14-2	2,4-Dinitrotoluene	2.2	U	2.2	5	10	ug/L
84-66-2	Diethylphthalate	1.74	U	1.74	5	10	ug/L
86-73-7	Fluorene	1.74	U	1.74	5	10	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.92	U	1.92	5	10	ug/L
100-01-6	4-Nitroaniline	2.4	U	2.4	10	20	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	10	20	ug/L
86-30-6	N-Nitrosodiphenylamine	1.42	U	1.42	5	10	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	5	10	ug/L
101-55-3	4-Bromophenyl-phenylether	2.8	U	2.8	5	10	ug/L
118-74-1	Hexachlorobenzene	1.12	U	1.12	5	10	ug/L
1912-24-9	Atrazine	1.92	U	1.92	10	20	ug/L
87-86-5	Pentachlorophenol	5	U	5	10	20	ug/L
85-01-8	Phenanthrene	1.94	U	1.94	5	10	ug/L
608-93-5	Pentachlorobenzene	2.4	U	2.4	5	10	ug/L
120-12-7	Anthracene	1.44	U	1.44	5	10	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.84	U	1.84	5	10	ug/L
86-74-8	Carbazole	2	U	2	10	20	ug/L
84-74-2	Di-n-butylphthalate	1.62	U	1.62	5	10	ug/L
206-44-0	Fluoranthene	1.3	U	1.3	10	10	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZE3DL	SDG No.:	BG071524
Lab Sample ID:	P3137-21DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062086.D	2	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.06	U	1.06	5	10	ug/L
85-68-7	Butylbenzylphthalate	1.94	U	1.94	5	10	ug/L
91-94-1	3,3-Dichlorobenzidine	3.4	U	3.4	10	20	ug/L
56-55-3	Benzo(a)anthracene	1.12	U	1.12	5	10	ug/L
218-01-9	Chrysene	1.5	U	1.5	5	10	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.74	U	1.74	5	10	ug/L
117-84-0	Di-n-octyl phthalate	3	U	3	10	20	ug/L
205-99-2	Benzo(b)fluoranthene	2.2	U	2.2	5	10	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	5	10	ug/L
50-32-8	Benzo(a)pyrene	2.2	U	2.2	5	10	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.8	U	2.8	5	10	ug/L
53-70-3	Dibenzo(a,h)anthracene	2.4	U	2.4	5	10	ug/L
191-24-2	Benzo(g,h,i)perylene	2.2	U	2.2	5	10	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	2	U	2	5	10	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.718		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	13.842		20-120		35	SPK: -40
4165-62-2	Phenol-d5	12.25		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.36		25-120		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.854		20-130		65	SPK: -40
190780-66-6	4-Methylphenol-d8	21.122		25-125		53	SPK: -40
4165-60-0	Nitrobenzene-d5	27.346		20-125		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.262		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.44		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.4		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.252		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	28.644		10-130		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.842		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	30.304		25-125		76	SPK: -40

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	YDZE3DL	SDG No.:	BG071524
Lab Sample ID:	P3137-21DL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062086.D	2	7/3/2024 12:00:00 AM	7/16/2024 12:00:00 AM	PB161910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	31.008		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	32.278		15-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.432		20-130		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42164	8.044				
1146-65-2	Naphthalene-d8	200134	10.859				
15067-26-2	Acenaphthene-d10	136923	14.678				
1517-22-2	Phenanthrene-d10	307049	17.421				
1719-03-5	Chrysene-d12	274064	21.681				
1520-96-3	Perylene-d12	326414	24.907				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	13	JD			13.485	
	unknown-02	4.4	JD			13.561	
	(DEL) Alkane: Straight-Chain	13.691	JD			13.691	
	unknown-03	7.8	JD			14.601	
	(DEL) Alkane: Straight-Chain	20.806	JD			20.806	
1000309-18-5	Sulfurous acid, butyl octadecyl es	9.8	JD			21.311	
E966796	Total Alkanes	16	D			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BG071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4BW6								
P3100-08	A4BW6	Solid	1-Phenoxypropan-2-ol	*	380.000	J		
P3100-08	A4BW6	Solid	Isopropyl Alcohol	*	290.000	J		
P3100-08	A4BW6	Solid	Total Alkanes	*	0.000		62	410 ug/Kg
Total Tics :				670.00				
P3100-08	A4BW6	Solid	Anthracene		230.000	J	60	410 ug/Kg
P3100-08	A4BW6	Solid	Benzo(a)anthracene		610.000		55	410 ug/Kg
P3100-08	A4BW6	Solid	Benzo(a)pyrene		450.000		74	410 ug/Kg
P3100-08	A4BW6	Solid	Benzo(b)fluoranthene		590.000		89	410 ug/Kg
P3100-08	A4BW6	Solid	Benzo(g,h,i)perylene		190.000	J	77	410 ug/Kg
P3100-08	A4BW6	Solid	Benzo(k)fluoranthene		240.000	J	91	410 ug/Kg
P3100-08	A4BW6	Solid	Chrysene		550.000		58	410 ug/Kg
P3100-08	A4BW6	Solid	Fluoranthene		1,300.000		46	410 ug/Kg
P3100-08	A4BW6	Solid	Fluorene		90.000	J	65	410 ug/Kg
P3100-08	A4BW6	Solid	Indeno(1,2,3-cd)pyrene		190.000	J	67	410 ug/Kg
P3100-08	A4BW6	Solid	Phenanthrene		960.000		65	410 ug/Kg
P3100-08	A4BW6	Solid	Pyrene		1,000.000		43	410 ug/Kg
Total Svoc :				6,400.00				
Total Concentration:				7,070.00				
Client ID : A4BW9								
P3100-11	A4BW9	Solid	1,1-Biphenyl, 2,2,3,4-tetrachlor	*	220.000	J		
P3100-11	A4BW9	Solid	1-Phenoxypropan-2-ol	*	330.000	J		
P3100-11	A4BW9	Solid	Sulfurous acid, octadecyl 2-propyl	*	1,300.000	J		
P3100-11	A4BW9	Solid	unknown-01	*	230.000	J		
P3100-11	A4BW9	Solid	unknown-02	*	150.000	J		
P3100-11	A4BW9	Solid	unknown-03	*	470.000	J		
P3100-11	A4BW9	Solid	Total Alkanes	*	0.000		51	330 ug/Kg
Total Tics :				2,700.00				
P3100-11	A4BW9	Solid	Anthracene		75.000	J	49	330 ug/Kg
P3100-11	A4BW9	Solid	Benzo(a)anthracene		360.000		45	330 ug/Kg
P3100-11	A4BW9	Solid	Benzo(a)pyrene		210.000	J	60	330 ug/Kg
P3100-11	A4BW9	Solid	Benzo(b)fluoranthene		560.000		72	330 ug/Kg
P3100-11	A4BW9	Solid	Benzo(k)fluoranthene		240.000	J	74	330 ug/Kg
P3100-11	A4BW9	Solid	Bis(2-ethylhexyl)phthalate		290.000	J	49	330 ug/Kg
P3100-11	A4BW9	Solid	Chrysene		440.000		47	330 ug/Kg
P3100-11	A4BW9	Solid	Fluoranthene		780.000		37	330 ug/Kg
P3100-11	A4BW9	Solid	Indeno(1,2,3-cd)pyrene		150.000	J	54	330 ug/Kg
P3100-11	A4BW9	Solid	Phenanthrene		400.000		53	330 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3100-11	A4BW9	Solid	Pyrene	550.000		35	330	ug/Kg
Total Svoc :				4,055.00				
Total Concentration:				6,755.00				
Client ID : A4BX0								
P3100-12	A4BX0	Solid	1-Phenoxypropan-2-ol	*	420.000	J		
P3100-12	A4BX0	Solid	Ethanol, 2-[2-(2-ethoxyethoxy)eth	*	170.000	J		
P3100-12	A4BX0	Solid	unknown-01	*	280.000	J		
P3100-12	A4BX0	Solid	Total Alkanes	*	0.000	59	380	ug/Kg
Total Tics :				870.00				
P3100-12	A4BX0	Solid	Benzo(a)anthracene		350.000	J 52	380	ug/Kg
P3100-12	A4BX0	Solid	Benzo(a)pyrene		370.000	J 70	380	ug/Kg
P3100-12	A4BX0	Solid	Benzo(b)fluoranthene		500.000	83	380	ug/Kg
P3100-12	A4BX0	Solid	Benzo(g,h,i)perylene		290.000	J 72	380	ug/Kg
P3100-12	A4BX0	Solid	Benzo(k)fluoranthene		200.000	J 86	380	ug/Kg
P3100-12	A4BX0	Solid	Bis(2-ethylhexyl)phthalate		160.000	J 56	380	ug/Kg
P3100-12	A4BX0	Solid	Butylbenzylphthalate		96.000	J 50	380	ug/Kg
P3100-12	A4BX0	Solid	Chrysene		430.000	54	380	ug/Kg
P3100-12	A4BX0	Solid	Fluoranthene		790.000	43	380	ug/Kg
P3100-12	A4BX0	Solid	Indeno(1,2,3-cd)pyrene		230.000	J 63	380	ug/Kg
P3100-12	A4BX0	Solid	Phenanthrene		380.000	61	380	ug/Kg
P3100-12	A4BX0	Solid	Pyrene		660.000	41	380	ug/Kg
Total Svoc :				4,456.00				
Total Concentration:				5,326.00				
Client ID : A4BX1								
P3100-13	A4BX1	Solid	1-Phenoxypropan-2-ol	*	280.000	J		
P3100-13	A4BX1	Solid	4H-Cyclopenta[def]phenanthrene	*	170.000	J		
P3100-13	A4BX1	Solid	unknown-01	*	280.000	J		
P3100-13	A4BX1	Solid	Total Alkanes	*	0.000	53	350	ug/Kg
Total Tics :				730.00				
P3100-13	A4BX1	Solid	Anthracene		92.000	J 51	350	ug/Kg
P3100-13	A4BX1	Solid	Benzo(a)anthracene		620.000	47	350	ug/Kg
P3100-13	A4BX1	Solid	Benzo(a)pyrene		340.000	J 63	350	ug/Kg
P3100-13	A4BX1	Solid	Benzo(b)fluoranthene		1,000.000	76	350	ug/Kg
P3100-13	A4BX1	Solid	Benzo(k)fluoranthene		330.000	J 78	350	ug/Kg
P3100-13	A4BX1	Solid	Bis(2-ethylhexyl)phthalate		390.000	51	350	ug/Kg
P3100-13	A4BX1	Solid	Carbazole		77.000	J 69	670	ug/Kg
P3100-13	A4BX1	Solid	Chrysene		780.000	49	350	ug/Kg
P3100-13	A4BX1	Solid	Dibenzo(a,h)anthracene		120.000	J 53	350	ug/Kg
P3100-13	A4BX1	Solid	Fluoranthene		1,400.000	39	350	ug/Kg
P3100-13	A4BX1	Solid	Indeno(1,2,3-cd)pyrene		240.000	J 57	350	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3100-13	A4BX1	Solid	Phenanthrene	620.000		55	350	ug/Kg
P3100-13	A4BX1	Solid	Pyrene	910.000		37	350	ug/Kg
Total Svoc :				6,919.00				
Total Concentration:				7,649.00				
Client ID : A4D08								
P3100-17	A4D08	Solid	(DEL) Alkane: Straight-Chain19.2 *	140.000	J			
P3100-17	A4D08	Solid	(DEL) Alkane: Straight-Chain20.2 *	170.000	J			
P3100-17	A4D08	Solid	(DEL) Alkane: Straight-Chain22.4 *	1,100.000	J			
P3100-17	A4D08	Solid	(DEL) Alkane: Straight-Chain26.6 *	3,200.000	J			
P3100-17	A4D08	Solid	1,1-Biphenyl, 2,2,3,5-tetrachloro *	130.000	J			
P3100-17	A4D08	Solid	1,1-Biphenyl, 2,2,6,6-tetrachloro *	150.000	J			
P3100-17	A4D08	Solid	1,1-Biphenyl, 2,3,3,4-tetrachloro *	270.000	J			
P3100-17	A4D08	Solid	1,1-Biphenyl, 2,3,3-trichloro- *	260.000	J			
P3100-17	A4D08	Solid	1,1-Biphenyl, 2,3,5,5-tetrachloro- *	90.000	J			
P3100-17	A4D08	Solid	1,1-Biphenyl, 3,3,4,5-tetrachloro- *	220.000	J			
P3100-17	A4D08	Solid	1-Heneicosyl formate *	380.000	J			
P3100-17	A4D08	Solid	1-Phenoxypropan-2-ol *	180.000	J			
P3100-17	A4D08	Solid	2,2,4,5-Tetrachloro-1,1-biphenyl *	140.000	J			
P3100-17	A4D08	Solid	2-Octadecyl-propane-1,3-diol *	300.000	J			
P3100-17	A4D08	Solid	Anthracene, 1-methyl- *	120.000	J			
P3100-17	A4D08	Solid	n-Decanoic acid *	110.000	J			
P3100-17	A4D08	Solid	Oxalic acid, allyl octadecyl ester *	640.000	J			
P3100-17	A4D08	Solid	Pentanedioic acid, dimethyl ester *	86.000	J			
P3100-17	A4D08	Solid	Tetracosanal *	490.000	J			
P3100-17	A4D08	Solid	unknown-01 *	160.000	J			
P3100-17	A4D08	Solid	unknown-02 *	300.000	J			
P3100-17	A4D08	Solid	Total Alkanes *	4,600.000		31	200	ug/Kg
Total Tics :				13,236.00				
P3100-17	A4D08	Solid	Anthracene	89.000	J	29	200	ug/Kg
P3100-17	A4D08	Solid	Benzo(a)anthracene	320.000		27	200	ug/Kg
P3100-17	A4D08	Solid	Benzo(a)pyrene	160.000	J	37	200	ug/Kg
P3100-17	A4D08	Solid	Benzo(b)fluoranthene	510.000		44	200	ug/Kg
P3100-17	A4D08	Solid	Benzo(k)fluoranthene	150.000	J	45	200	ug/Kg
P3100-17	A4D08	Solid	Bis(2-ethylhexyl)phthalate	50.000	J	29	200	ug/Kg
P3100-17	A4D08	Solid	Carbazole	48.000	J	40	390	ug/Kg
P3100-17	A4D08	Solid	Chrysene	400.000		28	200	ug/Kg
P3100-17	A4D08	Solid	Dibenzo(a,h)anthracene	58.000	J	31	200	ug/Kg
P3100-17	A4D08	Solid	Fluoranthene	700.000		22	200	ug/Kg
P3100-17	A4D08	Solid	Indeno(1,2,3-cd)pyrene	100.000	J	33	200	ug/Kg
P3100-17	A4D08	Solid	Phenanthrene	460.000		32	200	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3100-17	A4D08	Solid	Pyrene	450.000		21	200	ug/Kg
Total Svoc :						3,495.00		
Total Concentration:						16,731.00		
Client ID : A4D13								
P3100-18	A4D13	Solid	(DEL) Alkane: Straight-Chain19.2 *	140.000	J			
P3100-18	A4D13	Solid	(DEL) Alkane: Straight-Chain20.3 *	190.000	J			
P3100-18	A4D13	Solid	(DEL) Alkane: Straight-Chain22.4 *	760.000	J			
P3100-18	A4D13	Solid	(DEL) Alkane: Straight-Chain26.6 *	6,200.000	J			
P3100-18	A4D13	Solid	(DEL) Alkane: Straight-Chain29.6 *	1,400.000	J			
P3100-18	A4D13	Solid	1,1-Biphenyl, 2,2,3,4-tetrachloro *	260.000	J			
P3100-18	A4D13	Solid	1,1-Biphenyl, 2,2,4,4-tetrachloro *	460.000	J			
P3100-18	A4D13	Solid	1,1-Biphenyl, 2,2,4,5,5-pentachloro *	140.000	J			
P3100-18	A4D13	Solid	1,1-Biphenyl, 2,2,4,6-Tetrachloro *	110.000	J			
P3100-18	A4D13	Solid	1,1-Biphenyl, 2,2,6,6-tetrachloro *	420.000	J			
P3100-18	A4D13	Solid	1,1-Biphenyl, 2,3,3,4,6-pentachloro *	110.000	J			
P3100-18	A4D13	Solid	1,1-Biphenyl, 2,3,3,5-tetrachloro *	210.000	J			
P3100-18	A4D13	Solid	1,1-Biphenyl, 2,3,4,6-tetrachloro *	230.000	J			
P3100-18	A4D13	Solid	1,1-Biphenyl, 2,4,4-trichloro- *	860.000	J			
P3100-18	A4D13	Solid	1,1-Biphenyl, 3,3,4,4-tetrachloro *	560.000	J			
P3100-18	A4D13	Solid	1,1-Biphenyl, 3,4,5-trichloro- *	85.000	J			
P3100-18	A4D13	Solid	1,19-Eicosadiene *	820.000	J			
P3100-18	A4D13	Solid	1,21-Docosadiene *	180.000	J			
P3100-18	A4D13	Solid	1-Heneicosanol *	730.000	J			
P3100-18	A4D13	Solid	1-Phenoxypropan-2-ol *	170.000	J			
P3100-18	A4D13	Solid	1H-Indene, 2-phenyl- *	190.000	J			
P3100-18	A4D13	Solid	2,2,4,5-Tetrachloro-1,1-biphenyl *	730.000	J			
P3100-18	A4D13	Solid	2,3,3,5,6-Pentachloro-1,1-biphenyl *	96.000	J			
P3100-18	A4D13	Solid	2,3,4,5-Tetrachloro-1,1-biphenyl *	330.000	J			
P3100-18	A4D13	Solid	3,3,4,4,,5-Pentachloro-1,1-biphenyl *	88.000	J			
P3100-18	A4D13	Solid	7H-Benz[de]anthracen-7-one *	90.000	J			
P3100-18	A4D13	Solid	Biphenyl, 2,4,4,5-tetrachloro- *	160.000	J			
P3100-18	A4D13	Solid	Decane, 1-iodo- *	100.000	J			
P3100-18	A4D13	Solid	n-Decanoic acid *	370.000	J			
P3100-18	A4D13	Solid	Oxalic acid, isobutyl tetradecyl ester *	810.000	J			
P3100-18	A4D13	Solid	Oxirane, heptadecyl- *	580.000	J			
P3100-18	A4D13	Solid	Propylene Glycol *	180.000	J			
P3100-18	A4D13	Solid	unknown-01 *	95.000	J			
P3100-18	A4D13	Solid	unknown-02 *	410.000	J			
P3100-18	A4D13	Solid	Total Alkanes *	8,700.000		32	210	ug/Kg
Total Tics :						26,964.00		

Hit Summary Sheet SW-846

SDG No.: BG071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3100-18	A4D13	Solid	Anthracene	110.000	J	31	210	ug/Kg
P3100-18	A4D13	Solid	Benzo(a)anthracene	660.000		29	210	ug/Kg
P3100-18	A4D13	Solid	Benzo(a)pyrene	330.000		38	210	ug/Kg
P3100-18	A4D13	Solid	Benzo(b)fluoranthene	1,000.000		46	210	ug/Kg
P3100-18	A4D13	Solid	Benzo(k)fluoranthene	380.000		47	210	ug/Kg
P3100-18	A4D13	Solid	Bis(2-ethylhexyl)phthalate	140.000	J	31	210	ug/Kg
P3100-18	A4D13	Solid	Carbazole	75.000	J	42	410	ug/Kg
P3100-18	A4D13	Solid	Chrysene	810.000		30	210	ug/Kg
P3100-18	A4D13	Solid	Dibenzo(a,h)anthracene	110.000	J	32	210	ug/Kg
P3100-18	A4D13	Solid	Fluoranthene	1,400.000		24	210	ug/Kg
P3100-18	A4D13	Solid	Indeno(1,2,3-cd)pyrene	220.000		35	210	ug/Kg
P3100-18	A4D13	Solid	Phenanthrene	660.000		33	210	ug/Kg
P3100-18	A4D13	Solid	Pyrene	920.000		22	210	ug/Kg

Total Svoc : 6,815.00

Total Concentration: 33,779.00

Client ID : A4D32

P3100-19	A4D32	Solid	1-Phenoxypropan-2-ol	*	310.000	J		
P3100-19	A4D32	Solid	Benzeneethanol, 4-hydroxy-	*	610.000	J		
P3100-19	A4D32	Solid	Pentanedioic acid, dimethyl ester	*	170.000	J		
P3100-19	A4D32	Solid	unknown-01	*	400.000	J		
P3100-19	A4D32	Solid	unknown-02	*	680.000	J		
P3100-19	A4D32	Solid	Total Alkanes	*	0.000	57	370	ug/Kg

Total Tics : 2,170.00

P3100-19	A4D32	Solid	Benzo(a)anthracene		300.000	J	50	370	ug/Kg
P3100-19	A4D32	Solid	Benzo(a)pyrene		330.000	J	68	370	ug/Kg
P3100-19	A4D32	Solid	Benzo(b)fluoranthene		430.000		81	370	ug/Kg
P3100-19	A4D32	Solid	Benzo(g,h,i)perylene		240.000	J	70	370	ug/Kg
P3100-19	A4D32	Solid	Benzo(k)fluoranthene		200.000	J	83	370	ug/Kg
P3100-19	A4D32	Solid	Chrysene		340.000	J	53	370	ug/Kg
P3100-19	A4D32	Solid	Dibenzo(a,h)anthracene		99.000	J	57	370	ug/Kg
P3100-19	A4D32	Solid	Fluoranthene		590.000		42	370	ug/Kg
P3100-19	A4D32	Solid	Indeno(1,2,3-cd)pyrene		210.000	J	61	370	ug/Kg
P3100-19	A4D32	Solid	Phenanthrene		270.000	J	59	370	ug/Kg
P3100-19	A4D32	Solid	Pyrene		480.000		40	370	ug/Kg

Total Svoc : 3,489.00

Total Concentration: 5,659.00

Client ID : A4D33

P3100-20	A4D33	Solid	(DEL) Alkane: Cyclic24.031	*	1,700.000	J		
P3100-20	A4D33	Solid	(DEL) Alkane: Straight-Chain18.5	*	150.000	J		

Hit Summary Sheet SW-846

SDG No.: BG071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3100-20	A4D33	Solid	(DEL) Alkane: Straight-Chain21.5 *	690.000	J			
P3100-20	A4D33	Solid	(DEL) Alkane: Straight-Chain21.8 *	120.000	J			
P3100-20	A4D33	Solid	(DEL) Alkane: Straight-Chain22.4 *	1,700.000	J			
P3100-20	A4D33	Solid	(DEL) Alkane: Straight-Chain26.0 *	10,000.000	J			
P3100-20	A4D33	Solid	(DEL) Alkane: Straight-Chain29.0 *	2,300.000	J			
P3100-20	A4D33	Solid	1,19-Eicosadiene *	3,900.000	J			
P3100-20	A4D33	Solid	1,21-Docosadiene *	2,400.000	J			
P3100-20	A4D33	Solid	1-Phenoxypropan-2-ol *	140.000	J			
P3100-20	A4D33	Solid	11H-Benzo[a]fluoren-11-one *	110.000	J			
P3100-20	A4D33	Solid	5,16[1,2]:8,13[1,2]-Dibenzen *	98.000	J			
P3100-20	A4D33	Solid	5H-Dibenzo[a,d]cycloheptene *	110.000	J			
P3100-20	A4D33	Solid	7H-Benz[de]anthracen-7-one *	190.000	J			
P3100-20	A4D33	Solid	9,10-Anthracenedione *	180.000	J			
P3100-20	A4D33	Solid	9,10-Dimethylanthracene *	250.000	J			
P3100-20	A4D33	Solid	9H-Fluoren-9-one *	86.000	J			
P3100-20	A4D33	Solid	Benzoic acid, 2,4-dihydroxy-3,6-d *	150.000	J			
P3100-20	A4D33	Solid	Bicyclo[10.8.0]eicosane, cis- *	250.000	J			
P3100-20	A4D33	Solid	Cyclopenta(def)phenanthrenone *	110.000	J			
P3100-20	A4D33	Solid	Fluoranthene, 2-methyl- *	120.000	J			
P3100-20	A4D33	Solid	n-Hexadecanoic acid *	610.000	J			
P3100-20	A4D33	Solid	Naphthalene, 1,6-dimethyl- *	77.000	J			
P3100-20	A4D33	Solid	Octadecanal *	3,900.000	J			
P3100-20	A4D33	Solid	Pentanedioic acid, dimethyl ester *	120.000	J			
P3100-20	A4D33	Solid	Phenanthrene, 1-methyl- *	240.000	J			
P3100-20	A4D33	Solid	unknown-01 *	130.000	J			
P3100-20	A4D33	Solid	unknown-02 *	91.000	J			
P3100-20	A4D33	Solid	unknown-03 *	79.000	J			
P3100-20	A4D33	Solid	unknown-04 *	150.000	J			
P3100-20	A4D33	Solid	unknown-05 *	140.000	J			
P3100-20	A4D33	Solid	unknown-06 *	120.000	J			
P3100-20	A4D33	Solid	unknown-07 *	300.000	J			
P3100-20	A4D33	Solid	unknown-08 *	140.000	J			
P3100-20	A4D33	Solid	Total Alkanes *	17,000.000		29	190	ug/Kg
Total Tics :				47,851.00				
P3100-20	A4D33	Solid	1-Methylnaphthalene	50.000	J	27	190	ug/Kg
P3100-20	A4D33	Solid	2-Methylnaphthalene	56.000	J	36	190	ug/Kg
P3100-20	A4D33	Solid	Acenaphthene	40.000	J	29	190	ug/Kg
P3100-20	A4D33	Solid	Anthracene	110.000	J	28	190	ug/Kg
P3100-20	A4D33	Solid	Benzo(a)anthracene	650.000		26	190	ug/Kg
P3100-20	A4D33	Solid	Benzo(a)pyrene	360.000		35	190	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3100-20	A4D33	Solid	Benzo(b)fluoranthene	1,200.000		41	190	ug/Kg
P3100-20	A4D33	Solid	Benzo(k)fluoranthene	340.000		42	190	ug/Kg
P3100-20	A4D33	Solid	Bis(2-ethylhexyl)phthalate	120.000	J	28	190	ug/Kg
P3100-20	A4D33	Solid	Carbazole	87.000	J	38	370	ug/Kg
P3100-20	A4D33	Solid	Chrysene	900.000		27	190	ug/Kg
P3100-20	A4D33	Solid	Dibenzo(a,h)anthracene	120.000	J	29	190	ug/Kg
P3100-20	A4D33	Solid	Dibenzofuran	40.000	J	30	190	ug/Kg
P3100-20	A4D33	Solid	Fluoranthene	1,600.000		21	190	ug/Kg
P3100-20	A4D33	Solid	Indeno(1,2,3-cd)pyrene	270.000		31	190	ug/Kg
P3100-20	A4D33	Solid	Naphthalene	61.000	J	27	190	ug/Kg
P3100-20	A4D33	Solid	Phenanthrene	740.000		30	190	ug/Kg
P3100-20	A4D33	Solid	Pyrene	1,100.000		20	190	ug/Kg
Total Svoc :				7,844.00				
Total Concentration:				55,695.00				

Client ID : A4D50

P3100-22	A4D50	Solid	(DEL) Alkane: Straight-Chain16.2 *	120.000	J			
P3100-22	A4D50	Solid	(DEL) Alkane: Straight-Chain22.4 *	1,600.000	J			
P3100-22	A4D50	Solid	(DEL) Alkane: Straight-Chain26.6 *	4,500.000	J			
P3100-22	A4D50	Solid	1,19-Eicosadiene *	1,100.000	J			
P3100-22	A4D50	Solid	1,21-Docosadiene *	230.000	J			
P3100-22	A4D50	Solid	1-Phenoxypropan-2-ol *	120.000	J			
P3100-22	A4D50	Solid	11H-Benzo[a]fluoren-11-one *	150.000	J			
P3100-22	A4D50	Solid	3,4-Dimethylphenanthrene *	180.000	J			
P3100-22	A4D50	Solid	5-(4-Ethoxy-phenyl)-2H-pyrazol-6-one *	82.000	J			
P3100-22	A4D50	Solid	5H-Dibenzo[a,d]cycloheptene *	210.000	J			
P3100-22	A4D50	Solid	7H-Benz[de]anthracen-7-one *	110.000	J			
P3100-22	A4D50	Solid	9,10-Anthracenedione *	200.000	J			
P3100-22	A4D50	Solid	9H-Fluoren-9-one *	79.000	J			
P3100-22	A4D50	Solid	Anthracene, 1-methyl- *	94.000	J			
P3100-22	A4D50	Solid	Anthracene, 2-methyl- *	340.000	J			
P3100-22	A4D50	Solid	Benzoic acid, 2,4-dihydroxy-3,6-dimethyl- *	140.000	J			
P3100-22	A4D50	Solid	Hexadecane-1,2-diol *	630.000	J			
P3100-22	A4D50	Solid	Naphthalene, 1,2,4a,5,6,8a-hexahydro-6-methyl- *	120.000	J			
P3100-22	A4D50	Solid	Naphthalene, 1,3-dimethyl- *	130.000	J			
P3100-22	A4D50	Solid	Naphthalene, 2-phenyl- *	84.000	J			
P3100-22	A4D50	Solid	Octadecanal *	2,000.000	J			
P3100-22	A4D50	Solid	Oxalic acid, isobutyl tetradecyl ester *	620.000	J			
P3100-22	A4D50	Solid	Phenanthrene, 4-methyl- *	210.000	J			
P3100-22	A4D50	Solid	Pyrene, 1-methyl- *	84.000	J			
P3100-22	A4D50	Solid	unknown-01 *	110.000	J			

Hit Summary Sheet SW-846

SDG No.: BG071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3100-22	A4D50	Solid	unknown-02	*	78.000	J		
P3100-22	A4D50	Solid	unknown-03	*	190.000	J		
P3100-22	A4D50	Solid	unknown-04	*	110.000	J		
P3100-22	A4D50	Solid	unknown-05	*	120.000	J		
P3100-22	A4D50	Solid	Z-10-Octadecen-1-ol acetate	*	2,000.000	J		
P3100-22	A4D50	Solid	Total Alkanes	*	6,200.000	29	190	ug/Kg
Total Tics :				21,941.00				
P3100-22	A4D50	Solid	1-Methylnaphthalene	40.000	J	27	190	ug/Kg
P3100-22	A4D50	Solid	2-Methylnaphthalene	48.000	J	36	190	ug/Kg
P3100-22	A4D50	Solid	Acenaphthylene	52.000	J	33	190	ug/Kg
P3100-22	A4D50	Solid	Anthracene	90.000	J	28	190	ug/Kg
P3100-22	A4D50	Solid	Benzo(a)anthracene	470.000		26	190	ug/Kg
P3100-22	A4D50	Solid	Benzo(a)pyrene	290.000		35	190	ug/Kg
P3100-22	A4D50	Solid	Benzo(b)fluoranthene	820.000		42	190	ug/Kg
P3100-22	A4D50	Solid	Benzo(k)fluoranthene	320.000		43	190	ug/Kg
P3100-22	A4D50	Solid	Bis(2-ethylhexyl)phthalate	72.000	J	28	190	ug/Kg
P3100-22	A4D50	Solid	Carbazole	87.000	J	38	370	ug/Kg
P3100-22	A4D50	Solid	Chrysene	670.000		27	190	ug/Kg
P3100-22	A4D50	Solid	Dibenzo(a,h)anthracene	76.000	J	29	190	ug/Kg
P3100-22	A4D50	Solid	Fluoranthene	1,300.000		21	190	ug/Kg
P3100-22	A4D50	Solid	Fluorene	42.000	J	30	190	ug/Kg
P3100-22	A4D50	Solid	Indeno(1,2,3-cd)pyrene	180.000	J	32	190	ug/Kg
P3100-22	A4D50	Solid	Naphthalene	54.000	J	27	190	ug/Kg
P3100-22	A4D50	Solid	Phenanthrene	620.000		30	190	ug/Kg
P3100-22	A4D50	Solid	Pyrene	830.000		20	190	ug/Kg
Total Svoc :				6,061.00				
Total Concentration:				28,002.00				

Client ID : A4D51

P3100-23	A4D51	Solid	(DEL) Alkane: Straight-Chain22.4 *	130.000	J		
P3100-23	A4D51	Solid	(DEL) Alkane: Straight-Chain26.(*	550.000	J		
P3100-23	A4D51	Solid	(S,1Z,6Z)-8-Isopropyl-1-methyl-5 *	81.000	J		
P3100-23	A4D51	Solid	1-Octen-3-yne	130.000	J		
P3100-23	A4D51	Solid	1-Phenoxypropan-2-ol	84.000	J		
P3100-23	A4D51	Solid	11H-Benzo[a]fluoren-11-one	100.000	J		
P3100-23	A4D51	Solid	11H-Benzo[a]fluorene	96.000	J		
P3100-23	A4D51	Solid	4H-Cyclopenta[def]phenanthrene *	450.000	J		
P3100-23	A4D51	Solid	5,16[1,2]:8,13[1,2]-Dibenzen *	150.000	J		
P3100-23	A4D51	Solid	9,10-Anthracenedione	110.000	J		
P3100-23	A4D51	Solid	9H-Fluorene, 2-methyl-	92.000	J		
P3100-23	A4D51	Solid	Anthracene, 9-methyl-	90.000	J		

Hit Summary Sheet SW-846

SDG No.: BG071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3100-23	A4D51	Solid	Benzeneethanol, 4-hydroxy-	*	600.000	J		
P3100-23	A4D51	Solid	Fluoranthene, 2-methyl-	*	160.000	J		
P3100-23	A4D51	Solid	Naphthalene, 2,3-dimethyl-	*	160.000	J		
P3100-23	A4D51	Solid	Naphtho[1,2-b]thiophene	*	110.000	J		
P3100-23	A4D51	Solid	Phenanthrene, 1-methyl-	*	260.000	J		
P3100-23	A4D51	Solid	Phenanthrene, 3,6-dimethyl-	*	130.000	J		
P3100-23	A4D51	Solid	Phenanthrene, 4-methyl-	*	450.000	J		
P3100-23	A4D51	Solid	Pyrene, 1-methyl-	*	77.000	J		
P3100-23	A4D51	Solid	trans-Sinapaldehyde	*	130.000	J		
P3100-23	A4D51	Solid	unknown-01	*	130.000	J		
P3100-23	A4D51	Solid	unknown-02	*	140.000	J		
P3100-23	A4D51	Solid	Total Alkanes	*	680.000		28	180 ug/Kg
Total Tics :					5,090.00			
P3100-23	A4D51	Solid	Acenaphthene		66.000	J	28	180 ug/Kg
P3100-23	A4D51	Solid	Anthracene		350.000		27	180 ug/Kg
P3100-23	A4D51	Solid	Benzo(a)anthracene		1,100.000		25	180 ug/Kg
P3100-23	A4D51	Solid	Benzo(a)pyrene		590.000		34	180 ug/Kg
P3100-23	A4D51	Solid	Benzo(b)fluoranthene		1,300.000		40	180 ug/Kg
P3100-23	A4D51	Solid	Benzo(g,h,i)perylene		290.000		35	180 ug/Kg
P3100-23	A4D51	Solid	Benzo(k)fluoranthene		360.000		41	180 ug/Kg
P3100-23	A4D51	Solid	Carbazole		81.000	J	37	360 ug/Kg
P3100-23	A4D51	Solid	Chrysene		990.000		26	180 ug/Kg
P3100-23	A4D51	Solid	Dibenzo(a,h)anthracene		180.000		28	180 ug/Kg
P3100-23	A4D51	Solid	Dibenzofuran		78.000	J	29	180 ug/Kg
P3100-23	A4D51	Solid	Fluoranthene		2,300.000		21	180 ug/Kg
P3100-23	A4D51	Solid	Fluorene		200.000		29	180 ug/Kg
P3100-23	A4D51	Solid	Indeno(1,2,3-cd)pyrene		350.000		30	180 ug/Kg
P3100-23	A4D51	Solid	Phenanthrene		1,700.000		29	180 ug/Kg
P3100-23	A4D51	Solid	Pyrene		1,300.000		20	180 ug/Kg
Total Svoc :					11,235.00			
Total Concentration:					16,325.00			
Client ID : A4D52								
P3100-24	A4D52	Solid	(DEL) Alkane: Straight-Chain18.4	*	300.000	J		
P3100-24	A4D52	Solid	(DEL) Alkane: Straight-Chain22.4	*	1,700.000	J		
P3100-24	A4D52	Solid	(DEL) Alkane: Straight-Chain24.4	*	720.000	J		
P3100-24	A4D52	Solid	.alpha.-Cadinol	*	160.000	J		
P3100-24	A4D52	Solid	.alpha.-Muurolene	*	280.000	J		
P3100-24	A4D52	Solid	1,1-Biphenyl, 2,3,4-Trichloro-	*	140.000	J		
P3100-24	A4D52	Solid	1,19-Eicosadiene	*	1,100.000	J		
P3100-24	A4D52	Solid	1-Iodo-2-methylundecane	*	2,000.000	J		

Hit Summary Sheet SW-846

SDG No.: BG071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3100-24	A4D52	Solid	16-Heptadecenal	*	670.000	J		
P3100-24	A4D52	Solid	2,5-Hexadienoic acid, methyl este	*	350.000	J		
P3100-24	A4D52	Solid	2-(Bromomethyl)acrylic acid	*	160.000	J		
P3100-24	A4D52	Solid	2-Propanol, 1-chloro-, phosphate (	*	160.000	J		
P3100-24	A4D52	Solid	3-Methoxy-5-(2-phenylethyl)-2-pr	*	370.000	J		
P3100-24	A4D52	Solid	4H-Cyclopenta[def]phenanthrene	*	520.000	J		
P3100-24	A4D52	Solid	9,10-Anthracenedione	*	420.000	J		
P3100-24	A4D52	Solid	Anthracene, 9-methyl-	*	250.000	J		
P3100-24	A4D52	Solid	Benzeneethanol, 4-hydroxy-	*	650.000	J		
P3100-24	A4D52	Solid	Benzoic acid	*	1,200.000	J		
P3100-24	A4D52	Solid	Benzyl alcohol	*	120.000	J		
P3100-24	A4D52	Solid	n-Hexadecanoic acid	*	2,000.000	J		
P3100-24	A4D52	Solid	Naphthalene, 2,3,4,4a,5,6-hexahy	*	130.000	J		
P3100-24	A4D52	Solid	Naphthalene, 2-phenyl-	*	110.000	J		
P3100-24	A4D52	Solid	Octadecanoic acid	*	130.000	J		
P3100-24	A4D52	Solid	Oxalic acid, cyclobutyl heptadecy	*	1,800.000	J		
P3100-24	A4D52	Solid	Oxirane, hexadecyl-	*	330.000	J		
P3100-24	A4D52	Solid	Tridecane, 1-iodo-	*	670.000	J		
P3100-24	A4D52	Solid	unknown-01	*	120.000	J		
P3100-24	A4D52	Solid	unknown-02	*	120.000	J		
P3100-24	A4D52	Solid	unknown-03	*	190.000	J		
P3100-24	A4D52	Solid	unknown-04	*	390.000	J		
P3100-24	A4D52	Solid	unknown-05	*	600.000	J		
P3100-24	A4D52	Solid	Total Alkanes	*	2,700.000	42	280	ug/Kg
Total Tics :				20,560.00				
P3100-24	A4D52	Solid	4-Methylphenol		400.000	J	86	ug/Kg
P3100-24	A4D52	Solid	Acenaphthene		70.000	J	42	ug/Kg
P3100-24	A4D52	Solid	Anthracene		190.000	J	40	ug/Kg
P3100-24	A4D52	Solid	Benzo(a)anthracene		1,500.000		37	ug/Kg
P3100-24	A4D52	Solid	Benzo(a)pyrene		920.000		50	ug/Kg
P3100-24	A4D52	Solid	Benzo(b)fluoranthene		2,700.000		60	ug/Kg
P3100-24	A4D52	Solid	Benzo(g,h,i)perylene		120.000	J	52	ug/Kg
P3100-24	A4D52	Solid	Benzo(k)fluoranthene		1,000.000		61	ug/Kg
P3100-24	A4D52	Solid	Bis(2-ethylhexyl)phthalate		720.000		40	ug/Kg
P3100-24	A4D52	Solid	Butylbenzylphthalate		170.000	J	36	ug/Kg
P3100-24	A4D52	Solid	Carbazole		180.000	J	55	ug/Kg
P3100-24	A4D52	Solid	Chrysene		2,000.000		39	ug/Kg
P3100-24	A4D52	Solid	Di-n-butylphthalate		55.000	J	44	ug/Kg
P3100-24	A4D52	Solid	Dibenzo(a,h)anthracene		300.000		42	ug/Kg
P3100-24	A4D52	Solid	Fluoranthene		3,400.000		31	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG071524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3100-24	A4D52	Solid	Fluorene	78.000	J	44	280	ug/Kg
P3100-24	A4D52	Solid	Indeno(1,2,3-cd)pyrene	720.000		45	280	ug/Kg
P3100-24	A4D52	Solid	Phenanthrene	1,400.000		44	280	ug/Kg
P3100-24	A4D52	Solid	Pyrene	2,400.000		29	280	ug/Kg
Total Svoc :				18,323.00				
Total Concentration:				38,883.00				
Client ID : YDZE5DL								
P3137-16DL	YDZE5DL	Water	(DEL) Alkane: Straight-Chain10.7 *	13.000	JD			
P3137-16DL	YDZE5DL	Water	(DEL) Alkane: Straight-Chain13.6 *	66.000	JD			
P3137-16DL	YDZE5DL	Water	unknown-01 *	24.000	JD			
P3137-16DL	YDZE5DL	Water	unknown-02 *	41.000	JD			
P3137-16DL	YDZE5DL	Water	unknown-03 *	15.000	JD			
P3137-16DL	YDZE5DL	Water	Total Alkanes *	79.000	D 5.1		26	ug/L
Total Tics :				238.00				
P3137-16DL	YDZE5DL	Water	1,4-Dioxane	53.000	D 6.1		10	ug/L
Total Svoc :				53.00				
Total Concentration:				291.00				
Client ID : YDZG7DL								
P3137-18DL	YDZG7DL	Water	(DEL) Alkane: Cyclic10.934 *	48.000	JD			
P3137-18DL	YDZG7DL	Water	(DEL) Alkane: Cyclic12.585 *	88.000	JD			
P3137-18DL	YDZG7DL	Water	(DEL) Alkane: Cyclic12.697 *	66.000	JD			
P3137-18DL	YDZG7DL	Water	(DEL) Alkane: Straight-Chain10.7 *	500.000	JD			
P3137-18DL	YDZG7DL	Water	(DEL) Alkane: Straight-Chain11.4 *	430.000	JD			
P3137-18DL	YDZG7DL	Water	(DEL) Alkane: Straight-Chain12.6 *	96.000	JD			
P3137-18DL	YDZG7DL	Water	(DEL) Alkane: Straight-Chain12.1 *	12.000	JD			
P3137-18DL	YDZG7DL	Water	(DEL) Alkane: Straight-Chain12.4 *	20.000	JD			
P3137-18DL	YDZG7DL	Water	(DEL) Alkane: Straight-Chain13.6 *	15.000	JD			
P3137-18DL	YDZG7DL	Water	(DEL) Alkane: Straight-Chain13.6 *	24.000	JD			
P3137-18DL	YDZG7DL	Water	(DEL) Alkane: Straight-Chain13.7 *	170.000	JD			
P3137-18DL	YDZG7DL	Water	1,1,3,3-Tetramethyl-1,3-disilacycl *	19.000	JD			
P3137-18DL	YDZG7DL	Water	1,3-Cyclohexanedione, 5,5-dimethl *	17.000	JD			
P3137-18DL	YDZG7DL	Water	1-Pentene, 2,3,3-trimethyl- *	51.000	JD			
P3137-18DL	YDZG7DL	Water	1H-Pyrazole-4-carboxaldehyde, 1. *	26.000	JD			
P3137-18DL	YDZG7DL	Water	2,4-Hexadiene, 3,4-dimethyl-, (Z,4 *	18.000	JD			
P3137-18DL	YDZG7DL	Water	2-Cyclopenten-1-one, 2,3,4,5-tetra *	25.000	JD			
P3137-18DL	YDZG7DL	Water	2-Furancarboxaldehyde, 5-methyl *	14.000	JD			
P3137-18DL	YDZG7DL	Water	3,3,4,4-Tetramethyl-cyclopentano *	73.000	JD			
P3137-18DL	YDZG7DL	Water	3,6-Dimethyl-2,3,3a,4,5,7a-hexahy *	47.000	JD			
P3137-18DL	YDZG7DL	Water	4-Fluorobenzoic acid, 3,5-dimethy *	28.000	JD			

Hit Summary Sheet SW-846

SDG No.: BG071524

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3137-18DL	YDZG7DL	Water	5,5-Dimethyl-1,3-hexadiene	*	18.000	JD		
P3137-18DL	YDZG7DL	Water	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	*	20.000	JD		
P3137-18DL	YDZG7DL	Water	Diethyltoluamide	*	77.000	JD		
P3137-18DL	YDZG7DL	Water	Diisopropyl sulfide	*	18.000	JD		
P3137-18DL	YDZG7DL	Water	Ethanone, 1-(2,3,4-trihydroxyphenyl)-	*	22.000	JD		
P3137-18DL	YDZG7DL	Water	Ethanone, 1-(3-fluorophenyl)-	*	22.000	JD		
P3137-18DL	YDZG7DL	Water	Oxirane, (1-methylethyl)-	*	19.000	JD		
P3137-18DL	YDZG7DL	Water	unknown-01	*	28.000	JD		
P3137-18DL	YDZG7DL	Water	unknown-02	*	16.000	JD		
P3137-18DL	YDZG7DL	Water	unknown-03	*	14.000	JD		
P3137-18DL	YDZG7DL	Water	unknown-04	*	15.000	JD		
P3137-18DL	YDZG7DL	Water	unknown-05	*	31.000	JD		
P3137-18DL	YDZG7DL	Water	unknown-06	*	150.000	JD		
P3137-18DL	YDZG7DL	Water	unknown-07	*	21.000	JD		
P3137-18DL	YDZG7DL	Water	unknown-08	*	22.000	JD		
P3137-18DL	YDZG7DL	Water	unknown-09	*	120.000	JD		
P3137-18DL	YDZG7DL	Water	unknown-10	*	20.000	JD		
P3137-18DL	YDZG7DL	Water	unknown-11	*	12.000	JD		
P3137-18DL	YDZG7DL	Water	unknown-12	*	210.000	JD		
P3137-18DL	YDZG7DL	Water	unknown-13	*	47.000	JD		
P3137-18DL	YDZG7DL	Water	Total Alkanes	*	1,500.000	D 5	25	ug/L
Total Tics :					4,189.00			
P3137-18DL	YDZG7DL	Water	1,4-Dioxane		89.000	D 6.1	10	ug/L
Total Svoc :					89.00			
Total Concentration:					4,278.00			
Client ID : YDZE3DL								
P3137-21DL	YDZE3DL	Water	(DEL) Alkane: Straight-Chain13.6	*	11.000	JD		
P3137-21DL	YDZE3DL	Water	(DEL) Alkane: Straight-Chain20.8	*	5.200	JD		
P3137-21DL	YDZE3DL	Water	Sulfurous acid, butyl octadecyl es	*	9.800	JD		
P3137-21DL	YDZE3DL	Water	unknown-01	*	13.000	JD		
P3137-21DL	YDZE3DL	Water	unknown-02	*	4.400	JD		
P3137-21DL	YDZE3DL	Water	unknown-03	*	7.800	JD		
P3137-21DL	YDZE3DL	Water	Total Alkanes	*	16.000	D 1.98	10	ug/L
Total Tics :					67.20			
P3137-21DL	YDZE3DL	Water	1,4-Dioxane		45.000	D 2.4	4	ug/L
Total Svoc :					45.00			
Total Concentration:					112.20			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG070224 SAS No.: BG070224 SDG No.: BG070224
Instrument ID: _____ Calibration Date(s): 7/2/2024 1: _____
Calibration Time(s): 18:39 _____

LAB FILE ID:		RRFAL1 = BG061850.D		RRFAL2 = BG061851.D		RRFAL3 = BG061852.D		
		RRFAL4 = BG061853.D		RRFAL5 = BG061854.D		RRFAL6 = BG061855.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.634	0.588	0.586	0.560	0.569		0.587	4.8
Benzaldehyde		1.263	1.421	1.270	1.026	0.812	1.158	20.7
Pyridine		1.656	1.728	1.709	1.647	1.651	1.678	2.2
Hexachloroethane	0.683	0.651	0.686	0.660	0.638		0.664	3.1
Nitrobenzene	0.421	0.429	0.433	0.442	0.434		0.432	1.8
Isophorone	1.036	1.021	1.014	0.923	0.883		0.975	7.0
2-Nitrophenol	0.164	0.167	0.187	0.182	0.186		0.177	6.2
2,4-Dimethylphenol	0.413	0.428	0.447	0.423	0.409		0.424	3.5
Bis(2-Chloroethoxy)methane	0.558	0.562	0.551	0.526	0.489		0.537	5.6
2,4-Dichlorophenol	0.325	0.306	0.331	0.306	0.306		0.315	3.8
Naphthalene	1.084	1.112	1.154	1.093	1.050		1.099	3.5
4-Chloroaniline		0.498	0.518	0.479	0.453	0.439	0.477	6.8
Hexachlorobutadiene	0.235	0.231	0.248	0.234	0.237		0.237	2.7
Phenol		2.180	2.239	2.303	2.205	2.277	2.241	2.2
Caprolactam		0.128	0.144	0.118	0.115	0.110	0.123	10.9
4-Chloro-3-methylphenol	0.412	0.433	0.439	0.410	0.402		0.419	3.9
1-Methylnaphthalene	0.834	0.858	0.873	0.807	0.765		0.827	5.2
2-Methylnaphthalene	0.793	0.837	0.833	0.775	0.742		0.796	5.1
Hexachlorocyclopentadiene		0.354	0.377	0.407	0.427	0.433	0.400	8.4
2,4,6-Trichlorophenol	0.396	0.384	0.401	0.408	0.405		0.399	2.4
2,4,5-Trichlorophenol	0.447	0.430	0.442	0.434	0.439		0.438	1.5
1,1-Biphenyl	1.560	1.582	1.558	1.518	1.488		1.541	2.4
2-Chloronaphthalene	1.191	1.149	1.175	1.147	1.121		1.157	2.3
2-Nitroaniline	0.423	0.438	0.479	0.486	0.490		0.463	6.6
Bis(2-Chloroethyl)ether		1.802	1.704	1.749	1.688	1.664	1.721	3.2
Dimethylphthalate	1.651	1.598	1.668	1.514	1.476		1.582	5.3
2,6-Dinitrotoluene	0.276	0.287	0.315	0.313	0.309		0.300	5.8
Acenaphthylene	1.945	1.888	1.929	1.875	1.799		1.887	3.0
3-Nitroaniline		0.287	0.326	0.304	0.280	0.263	0.292	8.3
Acenaphthene	1.314	1.306	1.338	1.305	1.251		1.303	2.4
2,4-Dinitrophenol		0.116	0.152	0.157	0.175	0.184	0.157	16.9
4-Nitrophenol		0.283	0.317	0.303	0.304	0.293	0.300	4.2
Dibenzofuran	1.892	1.880	1.907	1.817	1.712		1.842	4.4
2,4-Dinitrotoluene	0.420	0.419	0.445	0.456	0.459		0.440	4.4
Diethylphthalate	1.799	1.730	1.804	1.638	1.550		1.704	6.4
2-Chlorophenol	1.390	1.576	1.601	1.546	1.535		1.530	5.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG070224 SAS No.: BG070224 SDG No.: BG070224
Instrument ID: _____ Calibration Date(s): 7/2/2024 1: _____
Calibration Time(s): 18:39 _____

LAB FILE ID:		RRFAL1 = BG061850.D		RRFAL2 = BG061851.D		RRFAL3 = BG061852.D		
		RRFAL4 = BG061853.D		RRFAL5 = BG061854.D		RRFAL6 = BG061855.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.751	1.562	1.592	1.498	1.427		1.566	7.8
4-Chlorophenyl-phenylether	0.829	0.823	0.808	0.748	0.724		0.787	6.0
4-Nitroaniline		0.267	0.358	0.312	0.282	0.263	0.296	13.4
4,6-Dinitro-2-methylphenol		0.087	0.113	0.121	0.122	0.123	0.113	13.4
N-Nitrosodiphenylamine	0.554	0.553	0.564	0.546	0.514		0.546	3.5
1,2,4,5-Tetrachlorobenzene	0.596	0.582	0.613	0.609	0.603		0.601	2.1
4-Bromophenyl-phenylether	0.228	0.219	0.231	0.235	0.222		0.227	2.9
Hexachlorobenzene	0.270	0.260	0.272	0.253	0.250		0.261	3.8
Atrazine		0.218	0.238	0.217	0.205	0.200	0.216	6.8
Pentachlorophenol		0.123	0.145	0.147	0.150	0.151	0.143	8.0
2-Methylphenol		1.536	1.631	1.651	1.589	1.589	1.599	2.8
Phenanthrene	1.087	1.055	1.103	1.052	0.976		1.055	4.6
Pentachlorobenzene	0.275	0.274	0.288	0.289	0.290		0.283	2.8
Anthracene	1.138	1.090	1.145	1.074	1.002		1.090	5.3
1,2,3,4-Tetrachlorobenzene	0.235	0.242	0.250	0.257	0.259		0.248	4.2
Carbazole		0.931	1.033	0.940	0.868	0.814	0.917	9.0
Di-n-butylphthalate	1.238	1.155	1.261	1.172	1.061		1.178	6.7
Fluoranthene	1.465	1.388	1.437	1.392	1.280		1.392	5.1
Pyrene	1.497	1.451	1.506	1.432	1.304		1.438	5.6
Butylbenzylphthalate	0.637	0.594	0.626	0.600	0.561		0.604	4.9
3,3-Dichlorobenzidine		0.490	0.530	0.508	0.448	0.403	0.476	10.6
2,2-oxybis(1-Chloropropane)		3.852	3.804	3.842	3.663	3.644	3.761	2.7
Benzo(a)anthracene	1.494	1.442	1.493	1.453	1.359		1.448	3.8
Chrysene	1.435	1.346	1.409	1.343	1.244		1.356	5.5
Bis(2-ethylhexyl)phthalate	0.924	0.866	0.894	0.858	0.788		0.866	5.9
Di-n-octyl phthalate		1.315	1.302	1.265	1.155	1.073	1.222	8.5
Benzo(b)fluoranthene	1.338	1.253	1.298	1.256	1.156		1.260	5.4
Benzo(k)fluoranthene	1.330	1.255	1.275	1.265	1.158		1.257	4.9
Benzo(a)pyrene	1.253	1.176	1.231	1.201	1.106		1.193	4.8
Indeno(1,2,3-cd)pyrene	1.589	1.518	1.547	1.534	1.436		1.525	3.7
Dibenzo(a,h)anthracene	1.309	1.246	1.284	1.275	1.182		1.259	3.9
Benzo(g,h,i)perylene	1.264	1.200	1.238	1.212	1.151		1.213	3.5
Acetophenone		3.076	2.836	2.936	2.737	2.648	2.847	5.9
2,3,4,6-Tetrachlorophenol	0.375	0.395	0.425	0.385	0.399		0.396	4.7
1,4-Dioxane-d8	0.490	0.539	0.561	0.566	0.505		0.532	6.3
Pyridine-d5		1.719	1.656	1.633	1.583	1.591	1.636	3.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG070224 SAS No.: BG070224 SDG No.: BG070224
Instrument ID: _____ Calibration Date(s): 7/2/2024 1: _____
Calibration Time(s): 18:39 _____

LAB FILE ID:		RRFAL1 = BG061850.D			RRFAL2 = BG061851.D		RRFAL3 = BG061852.D	
		RRFAL4 = BG061853.D			RRFAL5 = BG061854.D		RRFAL6 = BG061855.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		2.148	2.226	2.182	2.176	2.212	2.189	1.4
Bis-(2-Chloroethyl)ether-d8		1.446	1.394	1.396	1.367	1.327	1.386	3.1
2-Chlorophenol-d4	1.468	1.495	1.479	1.548	1.517		1.501	2.1
4-Methylphenol-d8		1.727	1.692	1.758	1.714	1.726	1.723	1.4
Nitrobenzene-d5	0.147	0.146	0.157	0.154	0.156		0.152	3.5
2-Nitrophenol-d4	0.154	0.166	0.185	0.179	0.184		0.174	7.7
2,4-Dichlorophenol-d3	0.325	0.318	0.356	0.343	0.334		0.335	4.5
4-Chloroaniline-d4		0.512	0.523	0.483	0.464	0.450	0.486	6.3
4-Methylphenol		1.800	1.799	1.847	1.765	1.745	1.791	2.2
Dimethylphthalate-d6	1.689	1.710	1.711	1.587	1.525		1.644	5.1
Acenaphthylene-d8	1.692	1.727	1.769	1.740	1.669		1.719	2.3
4-Nitrophenol-d4		0.228	0.287	0.274	0.270	0.254	0.263	8.6
Fluorene-d10	1.421	1.410	1.433	1.357	1.299		1.384	4.0
4,6-Dinitro-2-methylphenol-		0.087	0.099	0.109	0.113	0.116	0.105	11.3
Anthracene-d10	0.962	0.925	0.980	0.933	0.869		0.934	4.5
Pyrene-d10	1.200	1.172	1.254	1.173	1.083		1.176	5.3
Benzo(a)pyrene-d12	1.005	0.981	1.025	1.013	0.935		0.992	3.6
N-Nitroso-di-n-propylamine	1.587	1.662	1.582	1.632	1.506		1.594	3.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG071524 SAS No.: BG071524 SDG NO.: BG071524

EPA Sample No.: SSTD020448

Date Analyzed: Jul 15 2024 12:00AM

Lab File ID: BG061852.D

Time Analyzed: 15:15

Instrument ID: BNA_G

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	46570	8.1	230685	10.91	172810	14.72
	UPPER LIMIT	93140	8.6	461370	11.414	345620	15.222
	LOWER LIMIT	23285	7.6	115342.5	10.414	86405	14.222
	EPA SAMPLE NO.						
01	SBLK886	29132	8.03	135063	10.85	109944	14.67
02	A4BX0	47068	8.04	218905	10.85	167930	14.67
03	A4D51	43962	8.04	206420	10.85	145967	14.67
04	A4D52	50241	8.04	242685	10.85	158309	14.67
05	A4D32	45380	8.04	212106	10.86	143782	14.67
06	A4D33	42371	8.04	192225	10.86	132277	14.67
07	A4BW9	40707	8.05	190350	10.86	131687	14.68
08	A4BX1	44752	8.04	219449	10.86	149881	14.67
09	A4D08	47157	8.04	211484	10.86	147442	14.68
10	A4D50	46888	8.05	226838	10.86	149878	14.68
11	A4BW6	44881	8.04	216583	10.86	146651	14.68
12	A4D13	50673	8.05	247029	10.86	160556	14.68
13	SLCS886	45644	8.05	209412	10.86	144308	14.68
14	SBLK022	54724	8.05	259774	10.86	175960	14.68
15	YDZE5DL	43830	8.05	206025	10.86	139831	14.68
16	YDZG7DL	43172	8.04	198786	10.86	135186	14.68
17	YDZE3DL	42164	8.04	200134	10.86	136923	14.68



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG071524 SAS No.: BG071524 SDG NO.: BG071524

EPA Sample No.: SSTD020448 Date Analyzed: Jul 16 2024 12:00AM

Lab File ID: BG061852.D Time Analyzed: 03:35

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	46570	8.1	230685	10.91	172810	14.72
UPPER LIMIT	93140	8.6	461370	11.414	345620	15.222
LOWER LIMIT	23285	7.6	115342.5	10.414	86405	14.222
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.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG071524 SAS No.: BG071524 SDG NO.: BG071524

EPA Sample No.: SSTD020571 Date Analyzed: Jul 15 2024 12:00AM

Lab File ID: BG062068.D Time Analyzed: 15:15

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	30406	8.04	154925	10.85	122964	14.67
UPPER LIMIT	60812	8.54	309850	11.349	245928	15.168
LOWER LIMIT	15203	7.54	77462.5	10.349	61482	14.168
EPA SAMPLE NO.						
01 SBLK886	29132	8.03	135063	10.85	109944	14.67
02 A4BX0	47068	8.04	218905	10.85	167930	14.67
03 A4D51	43962	8.04	206420	10.85	145967	14.67
04 A4D52	50241	8.04	242685	10.85	158309	14.67
05 A4D32	45380	8.04	212106	10.86	143782	14.67
06 A4D33	42371	8.04	192225	10.86	132277	14.67
07 A4BW9	40707	8.05	190350	10.86	131687	14.68
08 A4BX1	44752	8.04	219449	10.86	149881	14.67
09 A4D08	47157	8.04	211484	10.86	147442	14.68
10 A4D50	46888	8.05	226838	10.86	149878	14.68
11 A4BW6	44881	8.04	216583	10.86	146651	14.68
12 A4D13	50673	8.05	247029	10.86	160556	14.68
13 SLCS886	45644	8.05	209412	10.86	144308	14.68

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.



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG071524 SAS No.: BG071524 SDG NO.: BG071524

EPA Sample No.: SSTD020572 Date Analyzed: Jul 16 2024 12:00AM

Lab File ID: BG062082.D Time Analyzed: 01:32

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	42585	8.044	209605	10.86	145865	14.68
UPPER LIMIT	85170	8.544	419210	11.364	291730	15.177
LOWER LIMIT	21292.5	7.544	104802.5	10.364	72932.5	14.177
EPA SAMPLE NO.						
01 SBLK022	54724	8.05	259774	10.86	175960	14.68
02 YDZE5DL	43830	8.05	206025	10.86	139831	14.68
03 YDZG7DL	43172	8.04	198786	10.86	135186	14.68
04 YDZE3DL	42164	8.04	200134	10.86	136923	14.68

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG071524 SAS No.: BG071524 SDG NO.: BG071524

EPA Sample No.: SSTD020448 Date Analyzed: Jul 15 2024 12:00AM

Lab File ID: BG061852.D Time Analyzed: 15:15

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	424925	17.46	382594	21.725	449285	24.963
	UPPER LIMIT	849850	17.96	765188	22.225	898570	25.463
	LOWER LIMIT	212462.5	16.96	191297	21.225	224642.5	24.463
	EPA SAMPLE NO.						
01	SBLK886	273956	17.41	256352	21.67	317712	24.88
02	A4BX0	385593	17.41	349080	21.67	436498	24.89
03	A4D51	329973	17.41	305564	21.68	371120	24.89
04	A4D52	336112	17.41	304754	21.68	371116	24.91
05	A4D32	311509	17.42	287274	21.68	368668	24.90
06	A4D33	288550	17.42	261481	21.68	301140	24.90
07	A4BW9	282690	17.42	258918	21.69	307958	24.90
08	A4BX1	341224	17.42	300275	21.68	368679	24.90
09	A4D08	335976	17.42	293518	21.68	346403	24.91
10	A4D50	341090	17.43	313298	21.68	357678	24.91
11	A4BW6	323359	17.43	288702	21.69	338279	24.91
12	A4D13	352986	17.42	308225	21.69	365523	24.93
13	SLCS886	315951	17.43	281074	21.70	332233	24.92
14	SBLK022	383312	17.43	335420	21.69	391509	24.91
15	YDZE5DL	307160	17.42	273387	21.68	321743	24.90
16	YDZG7DL	302981	17.42	267227	21.69	317678	24.91
17	YDZE3DL	307049	17.42	274064	21.68	326414	24.91

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG071524 SAS No.: BG071524 SDG NO.: BG071524

EPA Sample No.: SSTD020448 Date Analyzed: Jul 16 2024 12:00AM

Lab File ID: BG061852.D Time Analyzed: 03:35

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	424925	17.46	382594	21.725	449285	24.963
UPPER LIMIT	849850	17.96	765188	22.225	898570	25.463
LOWER LIMIT	212462.5	16.96	191297	21.225	224642.5	24.463
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.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG071524 SAS No.: BG071524 SDG NO.: BG071524

EPA Sample No.: SSTD020571 Date Analyzed: Jul 15 2024 12:00AM

Lab File ID: BG062068.D Time Analyzed: 15:15

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	312000	17.412	296575	21.677	344823	24.879
	UPPER LIMIT	624000	17.912	593150	22.177	689646	25.379
	LOWER LIMIT	156000	16.912	148287.5	21.177	172411.5	24.379
	EPA SAMPLE NO.						
01	SBLK886	273956	17.41	256352	21.67	317712	24.88
02	A4BX0	385593	17.41	349080	21.67	436498	24.89
03	A4D51	329973	17.41	305564	21.68	371120	24.89
04	A4D52	336112	17.41	304754	21.68	371116	24.91
05	A4D32	311509	17.42	287274	21.68	368668	24.90
06	A4D33	288550	17.42	261481	21.68	301140	24.90
07	A4BW9	282690	17.42	258918	21.69	307958	24.90
08	A4BX1	341224	17.42	300275	21.68	368679	24.90
09	A4D08	335976	17.42	293518	21.68	346403	24.91
10	A4D50	341090	17.43	313298	21.68	357678	24.91
11	A4BW6	323359	17.43	288702	21.69	338279	24.91
12	A4D13	352986	17.42	308225	21.69	365523	24.93
13	SLCS886	315951	17.43	281074	21.70	332233	24.92

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG071524 SAS No.: BG071524 SDG NO.: BG071524

EPA Sample No.: SSTD020572 Date Analyzed: Jul 16 2024 12:00AM

Lab File ID: BG062082.D Time Analyzed: 01:32

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	325550	17.427	282635	21.686	322153	24.906
UPPER LIMIT	651100	17.927	565270	22.186	644306	25.406
LOWER LIMIT	162775	16.927	141317.5	21.186	161076.5	24.406
EPA SAMPLE NO.						
01 SBLK022	383312	17.43	335420	21.69	391509	24.91
02 YDZE5DL	307160	17.42	273387	21.68	321743	24.90
03 YDZG7DL	302981	17.42	267227	21.69	317678	24.91
04 YDZE3DL	307049	17.42	274064	21.68	326414	24.91

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG071524

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161886BS	1,4-Dioxane	530	280	ug/Kg	53				0	0		
	Benzaldehyde	1300	950	ug/Kg	73				0	0		
	Pyridine	1300	700	ug/Kg	54				0	0		
	Phenol	1300	890	ug/Kg	68				0	0		
	Bis(2-chloroethyl)ether	1300	760	ug/Kg	58				0	0		
	2-Chlorophenol	1300	930	ug/Kg	72				0	0		
	2-Methylphenol	1300	840	ug/Kg	65				0	0		
	2,2-oxybis(1-Chloropropane)	1300	700	ug/Kg	54				0	0		
	Acetophenone	1300	850	ug/Kg	65				0	0		
	4-Methylphenol	1300	870	ug/Kg	67				0	0		
	N-Nitroso-di-n-propylamine	1300	750	ug/Kg	58				0	0		
	Hexachloroethane	1300	950	ug/Kg	73				0	0		
	Nitrobenzene	1300	1000	ug/Kg	77				0	0		
	Isophorone	1300	810	ug/Kg	62				0	0		
	2-Nitrophenol	1300	1100	ug/Kg	85				0	0		
	2,4-Dimethylphenol	1300	750	ug/Kg	58				0	0		
	Bis(2-chloroethoxy)methane	1300	810	ug/Kg	62				0	0		
	2,4-Dichlorophenol	1300	1100	ug/Kg	85				0	0		
	Naphthalene	1300	990	ug/Kg	76				0	0		
	4-Chloroaniline	1300	830	ug/Kg	64				0	0		
	Hexachlorobutadiene	1300	1200	ug/Kg	92				0	0		
	Caprolactam	1300	930	ug/Kg	72				0	0		
	4-Chloro-3-methylphenol	1300	1100	ug/Kg	85				0	0		
	1-Methylnaphthalene	1300	960	ug/Kg	74				0	0		
	2-Methylnaphthalene	1300	1000	ug/Kg	77				0	0		
	Hexachlorocyclopentadiene	1300	190	ug/Kg	15				0	0		
	2,4,6-Trichlorophenol	1300	1000	ug/Kg	77				0	0		
	2,4,5-Trichlorophenol	1300	1100	ug/Kg	85				0	0		
	1,1'-Biphenyl	1300	1000	ug/Kg	77				0	0		
	2-Chloronaphthalene	1300	1000	ug/Kg	77				0	0		
	2-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Dimethylphthalate	1300	980	ug/Kg	75				0	0		
	2,6-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Acenaphthylene	1300	1000	ug/Kg	77				0	0		
	3-Nitroaniline	1300	1100	ug/Kg	85				0	0		
	Acenaphthene	1300	1000	ug/Kg	77				0	0		
	2,4-Dinitrophenol	1300	760	ug/Kg	58				0	0		
	4-Nitrophenol	1300	1200	ug/Kg	92				0	0		
	Dibenzofuran	1300	1000	ug/Kg	77				0	0		
	2,4-Dinitrotoluene	1300	1100	ug/Kg	85				0	0		
	Diethylphthalate	1300	970	ug/Kg	75				0	0		
	Fluorene	1300	980	ug/Kg	75				0	0		
	4-Chlorophenyl-phenylether	1300	1000	ug/Kg	77				0	0		
	4-Nitroaniline	1300	1100	ug/Kg	85				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG071524

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161886BS	4,6-Dinitro-2-methylphenol	1300	1000	ug/Kg	77				0	0		
	N-Nitrosodiphenylamine	1300	1100	ug/Kg	85				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1200	ug/Kg	92				0	0		
	4-Bromophenyl-phenylether	1300	1100	ug/Kg	85				0	0		
	Hexachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Atrazine	1300	550	ug/Kg	42				0	0		
	Pentachlorophenol	1300	760	ug/Kg	58				0	0		
	Phenanthrene	1300	1000	ug/Kg	77				0	0		
	Pentachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Anthracene	1300	970	ug/Kg	75				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1300	ug/Kg	100				0	0		
	Carbazole	1300	1100	ug/Kg	85				0	0		
	Di-n-butylphthalate	1300	990	ug/Kg	76				0	0		
	Fluoranthene	1300	990	ug/Kg	76				0	0		
	Pyrene	1300	990	ug/Kg	76				0	0		
	Butylbenzylphthalate	1300	970	ug/Kg	75				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	950	ug/Kg	73				0	0		
	Di-n-octylphthalate	1300	1000	ug/Kg	77				0	0		
	Benzo(b)fluoranthene	1300	1000	ug/Kg	77				0	0		
	Benzo(k)fluoranthene	1300	1100	ug/Kg	85				0	0		
	Benzo(a)pyrene	1300	950	ug/Kg	73				0	0		
	Indeno(1,2,3-cd)pyrene	1300	930	ug/Kg	72				0	0		
	Dibenzo(a,h)anthracene	1300	940	ug/Kg	72				0	0		
	Benzo(g,h,i)perylene	1300	780	ug/Kg	60				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1000	ug/Kg	77				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK886

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG071524

SAS No.: BG071524 SDG NO.: BG071524

Lab File ID: BG062069.D

Lab Sample ID: PB161886BL

Instrument ID: BNA_G

Date Extracted: 07/02/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/15/2024

Level: (low/med) LOW

Time Analyzed: 15:15

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BX0	P3100-12	BG062070.D	07/15/2024
A4D51	P3100-23	BG062071.D	07/15/2024
A4D52	P3100-24	BG062072.D	07/15/2024
A4D32	P3100-19	BG062073.D	07/15/2024
A4D33	P3100-20	BG062074.D	07/15/2024
A4BW9	P3100-11	BG062075.D	07/15/2024
A4BX1	P3100-13	BG062076.D	07/15/2024
A4D08	P3100-17	BG062077.D	07/15/2024
A4D50	P3100-22	BG062078.D	07/15/2024
A4BW6	P3100-08	BG062079.D	07/15/2024
A4D13	P3100-18	BG062080.D	07/15/2024
PB161886BS	PB161886BS	BG062081.D	07/15/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK022

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG071524

SAS No.: BG071524 SDG NO.: BG071524

Lab File ID: BG062083.D

Lab Sample ID: PB162022BL

Instrument ID: BNA_G

Date Extracted: 07/11/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/16/2024

Level: (low/med) LOW

Time Analyzed: 01:32

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

Surrogate Summary

SW-846

SDG No.: BG071524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3100-08	A4BW6	BG062079.D	1,4-Dioxane-d8	8	3.47	43		15	120
			Pyridine-d5	40	15.62	39		20	120
			Phenol-d5	40	21.30	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.86	47		10	150
			2-Chlorophenol-d4	40	23.03	58		15	120
			4-Methylphenol-d8	40	22.15	55		10	140
			Nitrobenzene-d5	40	24.58	61		10	135
			2-Nitrophenol-d4	40	25.95	65		10	120
			2,4-Dichlorophenol-d3	40	26.69	67		10	140
			4-Chloroaniline-d4	40	21.76	54		1	145
			Dimethylphthalate-d6	40	24.33	61		10	145
			Acenaphthylene-d8	40	26.05	65		15	120
			4-Nitrophenol-d4	40	19.76	49		10	150
			Fluorene-d10	40	25.24	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.05	40		10	130
			Anthracene-d10	40	25.98	65		10	150
			Pyrene-d10	40	25.14	63		10	130
			Benzo(a)pyrene-d12	40	26.68	67		10	140
P3100-11	A4BW9	BG062075.D	1,4-Dioxane-d8	8	3.96	50		15	120
			Pyridine-d5	40	1.72	4	*	20	120
			Phenol-d5	40	25.65	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.49	56		10	150
			2-Chlorophenol-d4	40	28.27	71		15	120
			4-Methylphenol-d8	40	25.56	64		10	140
			Nitrobenzene-d5	40	30.17	75		10	135
			2-Nitrophenol-d4	40	31.77	79		10	120
			2,4-Dichlorophenol-d3	40	32.14	80		10	140
			4-Chloroaniline-d4	40	4.14	10		1	145
			Dimethylphthalate-d6	40	31.02	78		10	145
			Acenaphthylene-d8	40	33.76	84		15	120
			4-Nitrophenol-d4	40	23.60	59		10	150
			Fluorene-d10	40	32.31	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.47	66		10	130
			Anthracene-d10	40	33.27	83		10	150
			Pyrene-d10	40	27.57	69		10	130
			Benzo(a)pyrene-d12	40	21.35	53		10	140
P3100-12	A4BX0	BG062070.D	1,4-Dioxane-d8	8	1.35	17		15	120
			Pyridine-d5	40	6.68	17	*	20	120
			Phenol-d5	40	10.21	26		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.00	23		10	150
			2-Chlorophenol-d4	40	10.92	27		15	120
			4-Methylphenol-d8	40	9.95	25		10	140
			Nitrobenzene-d5	40	11.85	30		10	135
			2-Nitrophenol-d4	40	11.69	29		10	120
			2,4-Dichlorophenol-d3	40	13.74	34		10	140
			4-Chloroaniline-d4	40	5.71	14		1	145
			Dimethylphthalate-d6	40	12.14	30		10	145
			Acenaphthylene-d8	40	13.05	33		15	120
			4-Nitrophenol-d4	40	7.66	19		10	150

Surrogate Summary

SW-846

SDG No.: BG071524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3100-12	A4BX0	BG062070.D	Fluorene-d10	40	13.56	34		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.81	27		10	130
			Anthracene-d10	40	14.02	35		10	150
			Pyrene-d10	40	14.20	35		10	130
			Benzo(a)pyrene-d12	40	14.50	36		10	140
P3100-13	A4BX1	BG062076.D	1,4-Dioxane-d8	8	3.70	46		15	120
			Pyridine-d5	40	1.09	3	*	20	120
			Phenol-d5	40	22.63	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.29	51		10	150
			2-Chlorophenol-d4	40	24.77	62		15	120
			4-Methylphenol-d8	40	19.49	49		10	140
			Nitrobenzene-d5	40	24.99	62		10	135
			2-Nitrophenol-d4	40	27.96	70		10	120
			2,4-Dichlorophenol-d3	40	27.36	68		10	140
			4-Chloroaniline-d4	40	10.65	27		1	145
			Dimethylphthalate-d6	40	27.43	69		10	145
			Acenaphthylene-d8	40	28.42	71		15	120
			4-Nitrophenol-d4	40	20.90	52		10	150
			Fluorene-d10	40	28.52	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.10	53		10	130
			Anthracene-d10	40	28.57	71		10	150
			Pyrene-d10	40	24.52	61		10	130
			Benzo(a)pyrene-d12	40	18.80	47		10	140
P3100-17	A4D08	BG062077.D	1,4-Dioxane-d8	8	2.98	37		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	23.81	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.22	51		10	150
			2-Chlorophenol-d4	40	25.25	63		15	120
			4-Methylphenol-d8	40	22.88	57		10	140
			Nitrobenzene-d5	40	28.93	72		10	135
			2-Nitrophenol-d4	40	29.38	73		10	120
			2,4-Dichlorophenol-d3	40	30.49	76		10	140
			4-Chloroaniline-d4	40	3.34	8		1	145
			Dimethylphthalate-d6	40	27.89	70		10	145
			Acenaphthylene-d8	40	29.26	73		15	120
			4-Nitrophenol-d4	40	24.90	62		10	150
			Fluorene-d10	40	27.99	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.31	53		10	130
			Anthracene-d10	40	28.67	72		10	150
			Pyrene-d10	40	23.71	59		10	130
			Benzo(a)pyrene-d12	40	17.51	44		10	140
P3100-18	A4D13	BG062080.D	1,4-Dioxane-d8	8	3.30	41		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	24.06	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.95	52		10	150
			2-Chlorophenol-d4	40	26.45	66		15	120
			4-Methylphenol-d8	40	23.02	58		10	140
			Nitrobenzene-d5	40	26.47	66		10	135
			2-Nitrophenol-d4	40	29.76	74		10	120

Surrogate Summary

SW-846

SDG No.: BG071524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3100-18	A4D13	BG062080.D	2,4-Dichlorophenol-d3	40	28.63	72		10	140
			4-Chloroaniline-d4	40	0.77	2		1	145
			Dimethylphthalate-d6	40	27.38	68		10	145
			Acenaphthylene-d8	40	29.01	73		15	120
			4-Nitrophenol-d4	40	20.93	52		10	150
			Fluorene-d10	40	27.98	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.83	52		10	130
			Anthracene-d10	40	28.23	71		10	150
			Pyrene-d10	40	23.90	60		10	130
			Benzo(a)pyrene-d12	40	17.32	43		10	140
P3100-19	A4D32	BG062073.D	Pyridine-d5	40	21.42	54		20	120
			1,4-Dioxane-d8	8	4.53	57		15	120
			Phenol-d5	40	28.86	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.41	64		10	150
			2-Chlorophenol-d4	40	30.60	76		15	120
			4-Methylphenol-d8	40	25.67	64		10	140
			Nitrobenzene-d5	40	33.93	85		10	135
			2-Nitrophenol-d4	40	35.38	88		10	120
			2,4-Dichlorophenol-d3	40	34.57	86		10	140
			4-Chloroaniline-d4	40	4.91	12		1	145
			Dimethylphthalate-d6	40	32.12	80		10	145
			Acenaphthylene-d8	40	34.37	86		15	120
			4-Nitrophenol-d4	40	27.20	68		10	150
			Fluorene-d10	40	33.25	83		20	140
			4,6-Dinitro-2-methylphenol-d2	40	29.26	73		10	130
			Anthracene-d10	40	34.15	85		10	150
			Pyrene-d10	40	32.72	82		10	130
P3100-20	A4D33	BG062074.D	Benzo(a)pyrene-d12	40	34.91	87		10	140
			1,4-Dioxane-d8	8	5.02	63		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	33.78	84		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.34	76		10	150
			2-Chlorophenol-d4	40	35.05	88		15	120
			4-Methylphenol-d8	40	32.47	81		10	140
			Nitrobenzene-d5	40	40.89	102		10	135
			2-Nitrophenol-d4	40	44.29	111		10	120
			2,4-Dichlorophenol-d3	40	42.54	106		10	140
			4-Chloroaniline-d4	40	0.90	2		1	145
			Dimethylphthalate-d6	40	38.21	96		10	145
			Acenaphthylene-d8	40	41.22	103		15	120
			4-Nitrophenol-d4	40	33.56	84		10	150
			Fluorene-d10	40	39.80	100		20	140
			4,6-Dinitro-2-methylphenol-d2	40	35.34	88		10	130
			Anthracene-d10	40	41.43	104		10	150
			Pyrene-d10	40	34.45	86		10	130
P3100-22	A4D50	BG062078.D	Benzo(a)pyrene-d12	40	26.43	66		10	140
			1,4-Dioxane-d8	8	3.13	39		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	23.78	59		10	130

Surrogate Summary

SW-846

SDG No.: BG071524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3100-22	A4D50	BG062078.D	Bis(2-Chloroethyl)ether-d8	40	21.39	53		10	150
			2-Chlorophenol-d4	40	24.83	62		15	120
			4-Methylphenol-d8	40	21.24	53		10	140
			Nitrobenzene-d5	40	27.10	68		10	135
			2-Nitrophenol-d4	40	28.28	71		10	120
			2,4-Dichlorophenol-d3	40	26.77	67		10	140
			4-Chloroaniline-d4	40	0.89	2		1	145
			Dimethylphthalate-d6	40	26.62	67		10	145
			Acenaphthylene-d8	40	28.63	72		15	120
			4-Nitrophenol-d4	40	22.65	57		10	150
			Fluorene-d10	40	27.75	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.12	53		10	130
			Anthracene-d10	40	27.75	69		10	150
			Pyrene-d10	40	23.54	59		10	130
			Benzo(a)pyrene-d12	40	18.26	46		10	140
P3100-23	A4D51	BG062071.D	Pyridine-d5	40	4.61	12	*	20	120
			1,4-Dioxane-d8	8	2.55	32		15	120
			Phenol-d5	40	18.58	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.63	34		10	150
			2-Chlorophenol-d4	40	18.48	46		15	120
			4-Methylphenol-d8	40	19.42	49		10	140
			Nitrobenzene-d5	40	19.95	50		10	135
			2-Nitrophenol-d4	40	21.68	54		10	120
			2,4-Dichlorophenol-d3	40	23.88	60		10	140
			4-Chloroaniline-d4	40	0.69	2		1	145
			Dimethylphthalate-d6	40	23.93	60		10	145
			Acenaphthylene-d8	40	24.07	60		15	120
			4-Nitrophenol-d4	40	20.24	51		10	150
			Fluorene-d10	40	24.25	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.91	52		10	130
			Anthracene-d10	40	26.43	66		10	150
			Pyrene-d10	40	20.74	52		10	130
P3100-24	A4D52	BG062072.D	Benzo(a)pyrene-d12	40	17.88	45		10	140
			1,4-Dioxane-d8	8	3.21	40		15	120
			Pyridine-d5	40	0.83	2	*	20	120
			Phenol-d5	40	22.06	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.74	52		10	150
			2-Chlorophenol-d4	40	24.14	60		15	120
			4-Methylphenol-d8	40	20.98	52		10	140
			Nitrobenzene-d5	40	23.95	60		10	135
			2-Nitrophenol-d4	40	27.58	69		10	120
			2,4-Dichlorophenol-d3	40	25.97	65		10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	25.27	63		10	145
			Acenaphthylene-d8	40	26.61	67		15	120
			4-Nitrophenol-d4	40	20.16	50		10	150
			Fluorene-d10	40	26.23	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.79	62		10	130
			Anthracene-d10	40	27.10	68		10	150

Surrogate Summary

SW-846

SDG No.: **BG071524**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3100-24	A4D52	BG062072.D	Pyrene-d10	40	23.47	59		10	130
			Benzo(a)pyrene-d12	40	18.04	45		10	140
PB161886BL	PB161886BL	BG062069.D	Pyridine-d5	40	27.18	68		20	120
			1,4-Dioxane-d8	8	4.82	60		15	120
			Phenol-d5	40	25.38	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.38	58		10	150
			2-Chlorophenol-d4	40	26.14	65		15	120
			4-Methylphenol-d8	40	24.80	62		10	140
			Nitrobenzene-d5	40	28.92	72		10	135
			2-Nitrophenol-d4	40	29.39	73		10	120
			2,4-Dichlorophenol-d3	40	30.69	77		10	140
			4-Chloroaniline-d4	40	29.41	74		1	145
			Dimethylphthalate-d6	40	29.43	74		10	145
			Acenaphthylene-d8	40	28.88	72		15	120
			4-Nitrophenol-d4	40	25.54	64		10	150
			Fluorene-d10	40	29.87	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.12	58		10	130
			Anthracene-d10	40	29.16	73		10	150
			Pyrene-d10	40	29.85	75		10	130
			Benzo(a)pyrene-d12	40	30.37	76		10	140
PB161886BS	PB161886BS	BG062081.D	1,4-Dioxane-d8	8	5.07	63		15	120
			Pyridine-d5	40	21.60	54		20	120
			Phenol-d5	40	27.60	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.04	58		10	150
			2-Chlorophenol-d4	40	28.08	70		15	120
			4-Methylphenol-d8	40	26.69	67		10	140
			Nitrobenzene-d5	40	31.67	79		10	135
			2-Nitrophenol-d4	40	33.36	83		10	120
			2,4-Dichlorophenol-d3	40	35.06	88		10	140
			4-Chloroaniline-d4	40	27.86	70		1	145
			Dimethylphthalate-d6	40	30.64	77		10	145
			Acenaphthylene-d8	40	32.74	82		15	120
			4-Nitrophenol-d4	40	28.67	72		10	150
			Fluorene-d10	40	31.29	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.70	79		10	130
			Anthracene-d10	40	31.71	79		10	150
			Pyrene-d10	40	31.16	78		10	130
			Benzo(a)pyrene-d12	40	33.74	84		10	140



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

Surrogate Summary

SW-846

SDG No.: BG071524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3137-16DL	YDZE5DL	BG062084.D	1,4-Dioxane-d8	8	1.41	18		15	120
			Pyridine-d5	40	8.28	21		20	120
			Phenol-d5	40	12.66	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.83	65		25	120
			2-Chlorophenol-d4	40	28.51	71		20	130
			4-Methylphenol-d8	40	26.72	67		25	125
			Nitrobenzene-d5	40	32.76	82		20	125
			2-Nitrophenol-d4	40	35.04	88		20	130
			2,4-Dichlorophenol-d3	40	35.51	89		20	120
			4-Chloroaniline-d4	40	23.56	59		1	146
			Dimethylphthalate-d6	40	36.21	91		25	130
			Acenaphthylene-d8	40	37.16	93		10	130
			4-Nitrophenol-d4	40	8.99	22		10	150
			Fluorene-d10	40	35.99	90		25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	39.84	100		25	130
			Pyrene-d10	40	40.92	102		15	130
			Benzo(a)pyrene-d12	40	39.46	99		20	130

Surrogate Summary

SW-846

SDG No.: BG071524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3137-18DL	YDZG7DL	BG062085.D	1,4-Dioxane-d8	8	1.13	14	*	15	120
			Pyridine-d5	40	9.04	23		20	120
			Phenol-d5	40	14.28	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.28	63		25	120
			2-Chlorophenol-d4	40	29.61	74		20	130
			4-Methylphenol-d8	40	25.95	65		25	125
			Nitrobenzene-d5	40	31.20	78		20	125
			2-Nitrophenol-d4	40	35.06	88		20	130
			2,4-Dichlorophenol-d3	40	34.83	87		20	120
			4-Chloroaniline-d4	40	24.15	60		1	146
			Dimethylphthalate-d6	40	34.92	87		25	130
			Acenaphthylene-d8	40	35.80	89		10	130
			4-Nitrophenol-d4	40	12.00	30		10	150
			Fluorene-d10	40	33.62	84		25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	36.64	92		25	130
			Pyrene-d10	40	37.88	95		15	130
			Benzo(a)pyrene-d12	40	36.44	91		20	130
P3137-21DL	YDZE3DL	BG062086.D	1,4-Dioxane-d8	8	1.72	21		15	120
			Pyridine-d5	40	13.84	35		20	120
			Phenol-d5	40	12.25	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.36	51		25	120
			2-Chlorophenol-d4	40	25.85	65		20	130
			4-Methylphenol-d8	40	21.12	53		25	125
			Nitrobenzene-d5	40	27.35	68		20	125
			2-Nitrophenol-d4	40	29.26	73		20	130
			2,4-Dichlorophenol-d3	40	30.44	76		20	120
			4-Chloroaniline-d4	40	24.40	61		1	146
			Dimethylphthalate-d6	40	29.25	73		25	130
			Acenaphthylene-d8	40	28.64	72		10	130
			4-Nitrophenol-d4	40	3.84	10		10	150
			Fluorene-d10	40	30.30	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	31.01	78		25	130
			Pyrene-d10	40	32.28	81		15	130
			Benzo(a)pyrene-d12	40	32.43	81		20	130



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

Surrogate Summary

SW-846

SDG No.: BG071524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162022BL	PB162022BL	BG062083.D	1,4-Dioxane-d8	8	4.54	57		15	120
			Pyridine-d5	40	21.70	54		20	120
			Phenol-d5	40	24.92	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.30	53		10	150
			2-Chlorophenol-d4	40	25.61	64		15	120
			4-Methylphenol-d8	40	24.88	62		10	140
			Nitrobenzene-d5	40	28.26	71		10	135
			2-Nitrophenol-d4	40	28.87	72		10	120
			2,4-Dichlorophenol-d3	40	29.55	74		10	140
			4-Chloroaniline-d4	40	26.25	66		1	145
			Dimethylphthalate-d6	40	27.27	68		10	145
			Acenaphthylene-d8	40	28.64	72		15	120
			4-Nitrophenol-d4	40	23.31	58		10	150
			Fluorene-d10	40	27.21	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.90	52		10	130
			Anthracene-d10	40	29.77	74		10	150
			Pyrene-d10	40	29.73	74		10	130
			Benzo(a)pyrene-d12	40	31.76	79		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG071524

Lab Code: CHEM

SAS No.: BG071524

SDG NO.: BG071524

Lab File ID: BG062067.D

DFTPP Injection Date: 07/15/2024

Instrument ID: BNA_G

DFTPP Injection Time: 13:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	53.9
68	Less than 2.0% of mass 69	0.3 (0.7) 1
69	Mass 69 relative abundance	41.7
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	44.4
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	7.1
275	10.0 - 60.0% of mass 198	30.6
365	Greater than 1% of mass 198	6.2
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	97.1
443	15.0 - 24.0% of mass 442	18.8 (19.4) 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
SSTD020571	SSTDCCC020	BG062068.D	07/15/2024	14:33
SBLK886	PB161886BL	BG062069.D	07/15/2024	15:15
A4BX0	P3100-12	BG062070.D	07/15/2024	15:56
A4D51	P3100-23	BG062071.D	07/15/2024	16:38
A4D52	P3100-24	BG062072.D	07/15/2024	17:20
A4D32	P3100-19	BG062073.D	07/15/2024	18:01
A4D33	P3100-20	BG062074.D	07/15/2024	18:42
A4BW9	P3100-11	BG062075.D	07/15/2024	19:23
A4BX1	P3100-13	BG062076.D	07/15/2024	20:04
A4D08	P3100-17	BG062077.D	07/15/2024	20:45
A4D50	P3100-22	BG062078.D	07/15/2024	21:26
A4BW6	P3100-08	BG062079.D	07/15/2024	22:07
A4D13	P3100-18	BG062080.D	07/15/2024	22:48
SLCS886	PB161886BS	BG062081.D	07/15/2024	23:29
SSTD020572	SSTDCCC020	BG062082.D	07/16/2024	00:51
SBLK022	PB162022BL	BG062083.D	07/16/2024	01:32
YDZE5DL	P3137-16DL	BG062084.D	07/16/2024	02:13
YDZG7DL	P3137-18DL	BG062085.D	07/16/2024	02:54

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG071524

Lab Code: CHEM

SAS No.: BG071524

SDG NO.: BG071524

Lab File ID: BG062067.D

DFTPP Injection Date: 07/15/2024

Instrument ID: BNA_G

DFTPP Injection Time: 13:52

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	53.9
68	Less than 2.0% of mass 69	0.3 (0.7) 1
69	Mass 69 relative abundance	41.7
70	Less than 2.0% of mass 69	0.0 (0.0) 1
127	10.0 - 80.0% of mass 198	44.4
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	7.1
275	10.0 - 60.0% of mass 198	30.6
365	Greater than 1% of mass 198	6.2
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	97.1
443	15.0 - 24.0% of mass 442	18.8 (19.4) 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
YDZE3DL	P3137-21DL	BG062086.D	07/16/2024	03:35
SSTD020573	SSTDCCC020EC	BG062087.D	07/16/2024	04:15