

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG072324 SAS No.: BG072324 SDG No.: BG072324

Instrument ID: BNA_G Calibration Date/Time: 7/23/2024 11:50

Lab File ID: BG062181.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020584 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.562	0.576	0.010	2.506	40.0
Benzaldehyde	1.034	1.246	0.010	20.5463	40.0
Pyridine	1.593	1.800	0.010	13.0302	40.0
Phenol	1.943	1.946	0.080	0.1849	20.0
Bis(2-Chloroethyl)ether	1.338	1.338	0.100	0.0316	20.0
2-Chlorophenol	1.260	1.277	0.200	1.3717	20.0
2-Methylphenol	1.456	1.456	0.010	0.032	20.0
2,2-oxybis(1-Chloropropane)	2.368	2.301	0.010	-2.8187	40.0
Acetophenone	2.618	2.454	0.060	-6.2584	20.0
4-Methylphenol	1.605	1.545	0.010	-3.7629	20.0
N-Nitroso-di-n-propylamine	1.498	1.389	0.050	-7.2681	30.0
Hexachloroethane	0.564	0.522	0.100	-7.4366	20.0
Nitrobenzene	0.515	0.477	0.050	-7.4355	25.0
Isophorone	1.045	0.954	0.050	-8.728	25.0
2-Nitrophenol	0.203	0.203	0.050	0.1236	25.0
2,4-Dimethylphenol	0.487	0.472	0.050	-2.97	25.0
Bis(2-Chloroethoxy)methane	0.486	0.436	0.050	-10.2692	20.0
2,4-Dichlorophenol	0.381	0.390	0.060	2.1691	20.0
Naphthalene	1.079	1.083	0.200	0.3707	20.0
4-Chloroaniline	0.454	0.458	0.010	0.8465	40.0
Hexachlorobutadiene	0.362	0.369	0.040	1.9172	30.0
Caprolactam	0.130	0.122	0.010	-6.0757	40.0
4-Chloro-3-methylphenol	0.457	0.448	0.040	-2.0003	25.0
1-Methylnaphthalene	0.840	0.832	0.100	-0.9903	20.0
2-Methylnaphthalene	0.814	0.794	0.100	-2.4702	20.0
Hexachlorocyclopentadiene	0.396	0.420	0.010	6.0827	40.0
2,4,6-Trichlorophenol	0.452	0.487	0.090	7.6773	25.0
2,4,5-Trichlorophenol	0.492	0.519	0.100	5.491	25.0
1,1-Biphenyl	1.416	1.425	0.200	0.6381	20.0
2-Chloronaphthalene	1.164	1.168	0.300	0.3209	20.0
2-Nitroaniline	0.429	0.437	0.050	1.8225	40.0
Dimethylphthalate	1.614	1.522	0.300	-5.6811	20.0
2,6-Dinitrotoluene	0.331	0.325	0.080	-1.7558	30.0
Acenaphthylene	1.874	1.907	0.400	1.7766	20.0
3-Nitroaniline	0.267	0.302	0.010	13.0632	40.0
Acenaphthene	1.244	1.274	0.200	2.443	20.0
2,4-Dinitrophenol	0.177	0.169	0.010	-4.6381	40.0
4-Nitrophenol	0.313	0.269	0.010	-13.8947	40.0
Dibenzofuran	1.873	1.918	0.300	2.3757	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG072324 SAS No.: BG072324 SDG No.: BG072324

Instrument ID: BNA_G Calibration Date/Time: 7/23/2024 11:50

Lab File ID: BG062181.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020584 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.507	0.495	0.070	-2.433	30.0
Diethylphthalate	1.596	1.522	0.300	-4.6405	20.0
Fluorene	1.606	1.633	0.200	1.6542	20.0
4-Chlorophenyl-phenylether	0.995	1.006	0.100	1.1077	20.0
4-Nitroaniline	0.286	0.301	0.010	5.3265	40.0
4,6-Dinitro-2-methylphenol	0.119	0.100	0.010	-16.4614	40.0
N-Nitrosodiphenylamine	0.489	0.485	0.050	-0.9174	20.0
1,2,4,5-Tetrachlorobenzene	0.806	0.851	0.100	5.5102	20.0
4-Bromophenyl-phenylether	0.233	0.242	0.070	3.7973	20.0
Hexachlorobenzene	0.247	0.250	0.050	1.2715	25.0
Atrazine	0.247	0.247	0.010	0.078	25.0
Pentachlorophenol	0.091	0.096	0.010	5.7523	40.0
Phenanthrene	0.962	0.970	0.200	0.7676	20.0
Pentachlorobenzene	0.284	0.294	0.050	3.7056	20.0
Anthracene	0.991	1.010	0.200	1.9154	20.0
1,2,3,4-Tetrachlorobenzene	0.286	0.307	0.050	7.1885	20.0
Carbazole	0.842	0.844	0.050	0.1929	40.0
Di-n-butylphthalate	0.966	0.947	0.500	-1.9268	25.0
Fluoranthene	1.301	1.335	0.400	2.6424	25.0
Pyrene	1.353	1.362	0.400	0.7094	25.0
Butylbenzylphthalate	0.401	0.413	0.100	3.006	40.0
3,3-Dichlorobenzidine	0.434	0.479	0.010	10.3153	40.0
Benzo (a) anthracene	1.404	1.413	0.300	0.681	30.0
Chrysene	1.291	1.292	0.200	0.1228	30.0
Bis (2-ethylhexyl) phthalate	0.575	0.584	0.200	1.5812	40.0
Di-n-octyl phthalate	0.920	0.925	0.010	0.5879	40.0
Benzo (b) fluoranthene	1.236	1.221	0.200	-1.178	25.0
Benzo (k) fluoranthene	1.233	1.236	0.200	0.2475	25.0
Benzo (a) pyrene	1.157	1.151	0.200	-0.548	20.0
Indeno (1,2,3-cd) pyrene	1.330	1.365	0.200	2.6542	25.0
Dibenzo (a,h) anthracene	1.102	1.155	0.200	4.7573	30.0
Benzo (g,h,i) perylene	1.064	1.072	0.200	0.7527	30.0
2,3,4,6-Tetrachlorophenol	0.433	0.439	0.040	1.2852	20.0
1,4-Dioxane-d8	0.428	0.470	0.010	9.7578	25.0
Pyridine-d5	1.556	1.747	0.010	12.271	40.0
Phenol-d5	1.969	1.943	0.010	-1.3271	25.0
Bis- (2-Chloroethyl) ether-d8	1.131	1.109	0.050	-2.0087	25.0
2-Chlorophenol-d4	1.241	1.240	0.200	-0.0967	20.0
4-Methylphenol-d8	1.500	1.476	0.010	-1.5432	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG072324 SAS No.: BG072324 SDG No.: BG072324

Instrument ID: BNA_G Calibration Date/Time: 7/23/2024 11:50

Lab File ID: BG062181.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020584 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.159	0.050	-0.1955	20.0
2-Nitrophenol-d4	0.192	0.179	0.050	-6.4766	30.0
2,4-Dichlorophenol-d3	0.401	0.417	0.060	3.8698	20.0
4-Chloroaniline-d4	0.483	0.474	0.010	-1.8651	40.0
Dimethylphthalate-d6	1.695	1.610	0.300	-5.0351	20.0
Acenaphthylene-d8	1.719	1.781	0.400	3.6256	20.0
4-Nitrophenol-d4	0.204	0.183	0.010	-10.3959	40.0
Fluorene-d10	1.443	1.467	0.100	1.6581	20.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.113	0.010	-10.873	40.0
Anthracene-d10	0.934	0.953	0.300	1.9651	20.0
Pyrene-d10	1.134	1.158	0.300	2.1233	25.0
Benzo(a)pyrene-d12	1.000	1.009	0.010	0.9509	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.: BG072324 SAS No.: BG072324 SDG No.: BG072324

Instrument ID: BNA_G Calibration Date/Time: 7/23/2024 1:16:33

Lab File ID: BG062188.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020585 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.562	0.559	0.010	-0.4915	40.0
Benzaldehyde	1.034	1.274	0.010	23.2717	40.0
Pyridine	1.593	1.700	0.010	6.7601	40.0
Phenol	1.943	1.951	0.080	0.4481	20.0
Bis(2-Chloroethyl)ether	1.338	1.238	0.100	-7.4805	20.0
2-Chlorophenol	1.260	1.261	0.200	0.1334	20.0
2-Methylphenol	1.456	1.455	0.010	-0.0191	20.0
2,2-oxybis(1-Chloropropane)	2.368	2.284	0.010	-3.5336	40.0
Acetophenone	2.618	2.540	0.060	-2.9931	20.0
4-Methylphenol	1.605	1.634	0.010	1.8179	20.0
N-Nitroso-di-n-propylamine	1.498	1.409	0.050	-5.9475	30.0
Hexachloroethane	0.564	0.563	0.100	-0.1621	20.0
Nitrobenzene	0.515	0.474	0.050	-7.9408	25.0
Isophorone	1.045	0.950	0.050	-9.1152	25.0
2-Nitrophenol	0.203	0.200	0.050	-1.1476	25.0
2,4-Dimethylphenol	0.487	0.459	0.050	-5.6868	25.0
Bis(2-Chloroethoxy)methane	0.486	0.441	0.050	-9.3126	20.0
2,4-Dichlorophenol	0.381	0.399	0.060	4.6759	20.0
Naphthalene	1.079	1.091	0.200	1.0838	20.0
4-Chloroaniline	0.454	0.457	0.010	0.6031	40.0
Hexachlorobutadiene	0.362	0.379	0.040	4.4551	30.0
Caprolactam	0.130	0.124	0.010	-4.8192	40.0
4-Chloro-3-methylphenol	0.457	0.474	0.040	3.7112	25.0
1-Methylnaphthalene	0.840	0.832	0.100	-0.9163	20.0
2-Methylnaphthalene	0.814	0.795	0.100	-2.442	20.0
Hexachlorocyclopentadiene	0.396	0.374	0.010	-5.4906	40.0
2,4,6-Trichlorophenol	0.452	0.476	0.090	5.2416	25.0
2,4,5-Trichlorophenol	0.492	0.500	0.100	1.6146	25.0
1,1-Biphenyl	1.416	1.408	0.200	-0.5431	20.0
2-Chloronaphthalene	1.164	1.160	0.300	-0.3225	20.0
2-Nitroaniline	0.429	0.414	0.050	-3.3995	40.0
Dimethylphthalate	1.614	1.484	0.300	-8.0561	20.0
2,6-Dinitrotoluene	0.331	0.312	0.080	-5.562	30.0
Acenaphthylene	1.874	1.882	0.400	0.4102	20.0
3-Nitroaniline	0.267	0.283	0.010	5.9784	40.0
Acenaphthene	1.244	1.235	0.200	-0.7229	20.0
2,4-Dinitrophenol	0.177	0.180	0.010	1.7995	40.0
4-Nitrophenol	0.313	0.280	0.010	-10.5713	40.0
Dibenzofuran	1.873	1.880	0.300	0.3634	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG072324 SAS No.: BG072324 SDG No.: BG072324

Instrument ID: BNA_G Calibration Date/Time: 7/23/2024 1:16:33

Lab File ID: BG062188.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020585 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.507	0.481	0.070	-5.1018	30.0
Diethylphthalate	1.596	1.498	0.300	-6.1476	20.0
Fluorene	1.606	1.546	0.200	-3.7695	20.0
4-Chlorophenyl-phenylether	0.995	0.981	0.100	-1.3889	20.0
4-Nitroaniline	0.286	0.301	0.010	5.4078	40.0
4,6-Dinitro-2-methylphenol	0.119	0.107	0.010	-10.7423	40.0
N-Nitrosodiphenylamine	0.489	0.495	0.050	1.1023	20.0
1,2,4,5-Tetrachlorobenzene	0.806	0.839	0.100	4.0731	20.0
4-Bromophenyl-phenylether	0.233	0.246	0.070	5.4143	20.0
Hexachlorobenzene	0.247	0.250	0.050	1.0861	25.0
Atrazine	0.247	0.254	0.010	2.8886	25.0
Pentachlorophenol	0.091	0.121	0.010	32.7119	40.0
Phenanthrene	0.962	0.978	0.200	1.5716	20.0
Pentachlorobenzene	0.284	0.319	0.050	12.3652	20.0
Anthracene	0.991	0.986	0.200	-0.5168	20.0
1,2,3,4-Tetrachlorobenzene	0.286	0.325	0.050	13.3968	20.0
Carbazole	0.842	0.826	0.050	-1.9544	40.0
Di-n-butylphthalate	0.966	0.928	0.500	-3.8855	25.0
Fluoranthene	1.301	1.376	0.400	5.7939	25.0
Pyrene	1.353	1.390	0.400	2.7429	25.0
Butylbenzylphthalate	0.401	0.410	0.100	2.1932	40.0
3,3-Dichlorobenzidine	0.434	0.471	0.010	8.5605	40.0
Benzo (a) anthracene	1.404	1.405	0.300	0.087	30.0
Chrysene	1.291	1.293	0.200	0.217	30.0
Bis(2-ethylhexyl)phthalate	0.575	0.580	0.200	0.8724	40.0
Di-n-octyl phthalate	0.920	0.933	0.010	1.3904	40.0
Benzo (b) fluoranthene	1.236	1.214	0.200	-1.7871	25.0
Benzo (k) fluoranthene	1.233	1.207	0.200	-2.1075	25.0
Benzo (a) pyrene	1.157	1.155	0.200	-0.1981	20.0
Indeno (1,2,3-cd) pyrene	1.330	1.349	0.200	1.4815	25.0
Dibenzo (a,h) anthracene	1.102	1.171	0.200	6.2405	30.0
Benzo (g,h,i) perylene	1.064	1.105	0.200	3.7854	30.0
2,3,4,6-Tetrachlorophenol	0.433	0.425	0.040	-1.9425	20.0
1,4-Dioxane-d8	0.428	0.437	0.010	2.1012	25.0
Pyridine-d5	1.556	1.637	0.010	5.2033	40.0
Phenol-d5	1.969	2.016	0.010	2.3777	25.0
Bis- (2-Chloroethyl) ether-d8	1.131	1.044	0.050	-7.6976	25.0
2-Chlorophenol-d4	1.241	1.231	0.200	-0.7874	20.0
4-Methylphenol-d8	1.500	1.501	0.010	0.074	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG072324 SAS No.: BG072324 SDG No.: BG072324

Instrument ID: BNA_G Calibration Date/Time: 7/23/2024 1:16:33

Lab File ID: BG062188.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020585 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.162	0.050	1.7712	20.0
2-Nitrophenol-d4	0.192	0.192	0.050	0.1415	30.0
2,4-Dichlorophenol-d3	0.401	0.421	0.060	4.8517	20.0
4-Chloroaniline-d4	0.483	0.467	0.010	-3.3951	40.0
Dimethylphthalate-d6	1.695	1.586	0.300	-6.4258	20.0
Acenaphthylene-d8	1.719	1.716	0.400	-0.1848	20.0
4-Nitrophenol-d4	0.204	0.183	0.010	-10.4869	40.0
Fluorene-d10	1.443	1.399	0.100	-3.0664	20.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.109	0.010	-13.9586	40.0
Anthracene-d10	0.934	0.937	0.300	0.3063	20.0
Pyrene-d10	1.134	1.186	0.300	4.5821	25.0
Benzo(a)pyrene-d12	1.000	1.016	0.010	1.6179	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.: BG072324 SAS No.: BG072324 SDG No.: BG072324

Instrument ID: BNA_G Calibration Date/Time: 7/24/2024 1:04:07

Lab File ID: BG062204.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020586 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.562	0.542	0.010	-3.4031	50.0
Benzaldehyde	1.034	1.168	0.010	12.9422	50.0
Pyridine	1.593	1.587	0.010	-0.3853	50.0
Phenol	1.943	1.910	0.080	-1.6689	50.0
Bis(2-Chloroethyl)ether	1.338	1.267	0.100	-5.3443	50.0
2-Chlorophenol	1.260	1.194	0.200	-5.2587	50.0
2-Methylphenol	1.456	1.415	0.010	-2.7947	50.0
2,2-oxybis(1-Chloropropane)	2.368	2.266	0.010	-4.3239	50.0
Acetophenone	2.618	2.426	0.060	-7.3162	50.0
4-Methylphenol	1.605	1.559	0.010	-2.8715	50.0
N-Nitroso-di-n-propylamine	1.498	1.320	0.050	-11.8642	50.0
Hexachloroethane	0.564	0.564	0.100	0.033	50.0
Nitrobenzene	0.515	0.507	0.050	-1.6477	50.0
Isophorone	1.045	0.918	0.050	-12.144	50.0
2-Nitrophenol	0.203	0.201	0.050	-0.701	50.0
2,4-Dimethylphenol	0.487	0.484	0.050	-0.5545	50.0
Bis(2-Chloroethoxy)methane	0.486	0.438	0.050	-9.9717	50.0
2,4-Dichlorophenol	0.381	0.385	0.060	1.0113	50.0
Naphthalene	1.079	1.106	0.200	2.477	50.0
4-Chloroaniline	0.454	0.452	0.010	-0.3728	50.0
Hexachlorobutadiene	0.362	0.351	0.040	-3.2347	50.0
Caprolactam	0.130	0.113	0.010	-13.5098	50.0
4-Chloro-3-methylphenol	0.457	0.461	0.040	0.9001	50.0
1-Methylnaphthalene	0.840	0.849	0.100	1.0466	50.0
2-Methylnaphthalene	0.814	0.814	0.100	-0.0079	50.0
Hexachlorocyclopentadiene	0.396	0.273	0.010	-30.9773	50.0
2,4,6-Trichlorophenol	0.452	0.450	0.090	-0.5437	50.0
2,4,5-Trichlorophenol	0.492	0.480	0.100	-2.4933	50.0
1,1-Biphenyl	1.416	1.436	0.200	1.4596	50.0
2-Chloronaphthalene	1.164	1.175	0.300	0.936	50.0
2-Nitroaniline	0.429	0.431	0.050	0.5191	50.0
Dimethylphthalate	1.614	1.463	0.300	-9.3594	50.0
2,6-Dinitrotoluene	0.331	0.321	0.080	-2.8337	50.0
Acenaphthylene	1.874	1.873	0.400	-0.0226	50.0
3-Nitroaniline	0.267	0.274	0.010	2.7126	50.0
Acenaphthene	1.244	1.228	0.200	-1.3056	50.0
2,4-Dinitrophenol	0.177	0.026	0.010	-85.4384	50.0
4-Nitrophenol	0.313	0.187	0.010	-40.1671	50.0
Dibenzofuran	1.873	1.832	0.300	-2.1744	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG072324 SAS No.: BG072324 SDG No.: BG072324

Instrument ID: BNA_G Calibration Date/Time: 7/24/2024 1:04:07

Lab File ID: BG062204.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020586 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.507	0.452	0.070	-10.8107	50.0
Diethylphthalate	1.596	1.445	0.300	-9.45	50.0
Fluorene	1.606	1.532	0.200	-4.6017	50.0
4-Chlorophenyl-phenylether	0.995	0.951	0.100	-4.3943	50.0
4-Nitroaniline	0.286	0.289	0.010	1.0054	50.0
4,6-Dinitro-2-methylphenol	0.119	0.051	0.010	-57.5052	50.0
N-Nitrosodiphenylamine	0.489	0.484	0.050	-1.0708	50.0
1,2,4,5-Tetrachlorobenzene	0.806	0.848	0.100	5.1146	50.0
4-Bromophenyl-phenylether	0.233	0.246	0.070	5.6808	50.0
Hexachlorobenzene	0.247	0.260	0.050	5.1364	50.0
Atrazine	0.247	0.245	0.010	-0.8209	50.0
Pentachlorophenol	0.091	0.000	0.010	-100.0	50.0
Phenanthrene	0.962	0.964	0.200	0.1226	50.0
Pentachlorobenzene	0.284	0.310	0.050	9.4731	50.0
Anthracene	0.991	0.987	0.200	-0.4135	50.0
1,2,3,4-Tetrachlorobenzene	0.286	0.332	0.050	15.9405	50.0
Carbazole	0.842	0.831	0.050	-1.3404	50.0
Di-n-butylphthalate	0.966	0.921	0.500	-4.5895	50.0
Fluoranthene	1.301	1.344	0.400	3.3351	50.0
Pyrene	1.353	1.349	0.400	-0.2756	50.0
Butylbenzylphthalate	0.401	0.404	0.100	0.7176	50.0
3,3-Dichlorobenzidine	0.434	0.478	0.010	10.0468	50.0
Benzo (a) anthracene	1.404	1.387	0.300	-1.1926	50.0
Chrysene	1.291	1.271	0.200	-1.5434	50.0
Bis (2-ethylhexyl) phthalate	0.575	0.577	0.200	0.2238	50.0
Di-n-octyl phthalate	0.920	0.953	0.010	3.5428	50.0
Benzo (b) fluoranthene	1.236	1.239	0.200	0.3037	50.0
Benzo (k) fluoranthene	1.233	1.263	0.200	2.3562	50.0
Benzo (a) pyrene	1.157	1.153	0.200	-0.3537	50.0
Indeno (1,2,3-cd) pyrene	1.330	1.365	0.200	2.6749	50.0
Dibenzo (a,h) anthracene	1.102	1.142	0.200	3.5529	50.0
Benzo (g,h,i) perylene	1.064	1.082	0.200	1.6181	50.0
2,3,4,6-Tetrachlorophenol	0.433	0.277	0.040	-36.0219	50.0
1,4-Dioxane-d8	0.428	0.397	0.010	-7.2578	50.0
Pyridine-d5	1.556	1.491	0.010	-4.226	50.0
Phenol-d5	1.969	1.912	0.010	-2.9048	50.0
Bis- (2-Chloroethyl) ether-d8	1.131	1.047	0.050	-7.4526	50.0
2-Chlorophenol-d4	1.241	1.268	0.200	2.1784	50.0
4-Methylphenol-d8	1.500	1.533	0.010	2.2459	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG072324 SAS No.: BG072324 SDG No.: BG072324

Instrument ID: BNA_G Calibration Date/Time: 7/24/2024 1:04:07

Lab File ID: BG062204.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020586 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.152	0.050	-4.5392	50.0
2-Nitrophenol-d4	0.192	0.191	0.050	-0.2974	50.0
2,4-Dichlorophenol-d3	0.401	0.430	0.060	7.0108	50.0
4-Chloroaniline-d4	0.483	0.460	0.010	-4.821	50.0
Dimethylphthalate-d6	1.695	1.555	0.300	-8.2786	50.0
Acenaphthylene-d8	1.719	1.739	0.400	1.1572	50.0
4-Nitrophenol-d4	0.204	0.126	0.010	-38.2467	50.0
Fluorene-d10	1.443	1.428	0.100	-1.0434	50.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.063	0.010	-50.6217	50.0
Anthracene-d10	0.934	0.939	0.300	0.5436	50.0
Pyrene-d10	1.134	1.136	0.300	0.1786	50.0
Benzo(a)pyrene-d12	1.000	1.027	0.010	2.7192	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK098	SDG No.:	BG072324
Lab Sample ID:	PB162098BL	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
BG062182.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

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:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK098	SDG No.:	BG072324
Lab Sample ID:	PB162098BL	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
BG062182.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

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:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK098	SDG No.:	BG072324
Lab Sample ID:	PB162098BL	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
BG062182.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.303		15-120		79	SPK: -8
7291-22-7	Pyridine-d5	26.179		20-120		65	SPK: -40
4165-62-2	Phenol-d5	24.09		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.268		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.49		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	23.608		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	23.76		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.705		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.739		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.044		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.115		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	25.654		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.388		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	25.399		20-140		63	SPK: -40



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

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK098	SDG No.:	BG072324
Lab Sample ID:	PB162098BL	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
BG062182.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.936		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	26.743		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	27.28		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.945		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40618	8.063				
1146-65-2	Naphthalene-d8	169461	10.877				
15067-26-2	Acenaphthene-d10	149171	14.695				
1517-22-2	Phenanthrene-d10	403458	17.439				
1719-03-5	Chrysene-d12	408390	21.698				
1520-96-3	Perylene-d12	441185	24.934				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BA0	SDG No.:	BG072324
Lab Sample ID:	P3263-01	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
BG062183.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

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:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BA0	SDG No.:	BG072324
Lab Sample ID:	P3263-01	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
BG062183.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

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	180		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.5	170	ug/Kg
120-12-7	Anthracene	34	J	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	360		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BA0	SDG No.:	BG072324
Lab Sample ID:	P3263-01	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
BG062183.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	230		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	140	J	23	42.5	170	ug/Kg
218-01-9	Chrysene	160	J	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	200		37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	78	J	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	80	J	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	73	J	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	3.756		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	1.678	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	16.254		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.232		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.031		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	16.673		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	14.654		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.08		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.706		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.638		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.559		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	18.474		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.329		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	19.015		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BA0	SDG No.:	BG072324
Lab Sample ID:	P3263-01	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
BG062183.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.729		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	18.98		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	18.195		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.262		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	40743	8.064				
1146-65-2	Naphthalene-d8	167981	10.878				
15067-26-2	Acenaphthene-d10	140387	14.696				
1517-22-2	Phenanthrene-d10	379258	17.439				
1719-03-5	Chrysene-d12	365003	21.698				
1520-96-3	Perylene-d12	388454	24.929				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-15-3	(S)-(+)-1,2-Propanediol	82	J			3.734	
000770-35-4	1-Phenoxypropan-2-ol	110	J			11.606	
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BA2	SDG No.:	BG072324
Lab Sample ID:	P3263-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062184.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	37	U	37	9.1	92	ug/Kg
100-52-7	Benzaldehyde	80	U	80	110	450	ug/Kg
110-86-1	Pyridine	110	U	110	230	450	ug/Kg
108-95-2	Phenol	41	U	41	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	110	450	ug/Kg
95-57-8	2-Chlorophenol	39	U	39	58.5	230	ug/Kg
95-48-7	2-Methylphenol	43	U	43	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	55	U	55	110	450	ug/Kg
98-86-2	Acetophenone	91	U	91	110	450	ug/Kg
106-44-5	4-Methylphenol	73	U	73	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	58.5	230	ug/Kg
67-72-1	Hexachloroethane	84	U	84	58.5	230	ug/Kg
98-95-3	Nitrobenzene	88	U	88	58.5	230	ug/Kg
78-59-1	Isophorone	91	U	91	58.5	230	ug/Kg
88-75-5	2-Nitrophenol	83	U	83	58.5	230	ug/Kg
105-67-9	2,4-Dimethylphenol	44	U	44	58.5	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	62	U	62	58.5	230	ug/Kg
120-83-2	2,4-Dichlorophenol	52	U	52	58.5	230	ug/Kg
91-20-3	Naphthalene	33	U	33	58.5	230	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	58.5	450	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	58.5	230	ug/Kg
105-60-2	Caprolactam	88	U	88	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	58.5	230	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	58.5	230	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	58.5	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	33	U	33	58.5	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	58.5	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BA2	SDG No.:	BG072324
Lab Sample ID:	P3263-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062184.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	36	U	36	58.5	230	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	58.5	230	ug/Kg
88-74-4	2-Nitroaniline	62	U	62	58.5	230	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	58.5	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	28	U	28	58.5	230	ug/Kg
208-96-8	Acenaphthylene	40	U	40	58.5	230	ug/Kg
99-09-2	3-Nitroaniline	91	U	91	110	450	ug/Kg
83-32-9	Acenaphthene	67	J	36	58.5	230	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	110	450	ug/Kg
100-02-7	4-Nitrophenol	61	U	61	110	450	ug/Kg
132-64-9	Dibenzofuran	37	U	37	58.5	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	58.5	230	ug/Kg
84-66-2	Diethylphthalate	45	U	45	58.5	230	ug/Kg
86-73-7	Fluorene	67	J	37	58.5	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	58.5	230	ug/Kg
100-01-6	4-Nitroaniline	33	U	33	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	52	U	52	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	58.5	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	47	U	47	58.5	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	58.5	230	ug/Kg
118-74-1	Hexachlorobenzene	39	U	39	58.5	230	ug/Kg
1912-24-9	Atrazine	39	U	39	110	450	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	110	450	ug/Kg
85-01-8	Phenanthrene	1100		37	58.5	230	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	58.5	230	ug/Kg
120-12-7	Anthracene	190	J	34	58.5	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	23	U	23	58.5	230	ug/Kg
86-74-8	Carbazole	120	J	47	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	37	U	37	58.5	230	ug/Kg
206-44-0	Fluoranthene	2000		26	110	230	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BA2	SDG No.:	BG072324
Lab Sample ID:	P3263-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062184.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		25	58.5	230	ug/Kg
85-68-7	Butylbenzylphthalate	54	J	30	58.5	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	72	U	72	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	820		32	58.5	230	ug/Kg
218-01-9	Chrysene	930		33	58.5	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	310		34	58.5	230	ug/Kg
117-84-0	Di-n-octyl phthalate	66	U	66	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		51	58.5	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	400		52	58.5	230	ug/Kg
50-32-8	Benzo(a)pyrene	460		43	58.5	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	360		39	58.5	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	J	36	58.5	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	73	J	44	58.5	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	50	U	50	58.5	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.358		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	3.189	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	23.801		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.195		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.242		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	23.73		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	24.208		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.863		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.484		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.437		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.606		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	26.516		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.543		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	26.791		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BA2	SDG No.:	BG072324
Lab Sample ID:	P3263-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27.4
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062184.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.833		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	26.718		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	25.159		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.069		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	33730	8.066				
1146-65-2	Naphthalene-d8	146176	10.88				
15067-26-2	Acenaphthene-d10	122972	14.693				
1517-22-2	Phenanthrene-d10	314375	17.436				
1719-03-5	Chrysene-d12	297485	21.701				
1520-96-3	Perylene-d12	329240	24.938				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	160	J			3.737	
000770-35-4	1-Phenoxypropan-2-ol	230	J			11.609	
1000384-80-3	4-(1,1-Dimethylheptyl)phenol	110	J			16.508	
000537-92-8	Acetamide, N-(3-methylphenyl)-	160	J			16.561	
024518-48-7	4-(7-Methyloctyl)phenol	100	J			16.625	
000120-66-1	Acetamide, N-(2-methylphenyl)-	110	J			16.831	
000098-54-4	Phenol, p-tert-butyl-	110	J			16.89	
002531-84-2	Phenanthrene, 2-methyl-	130	J			18.311	
000832-69-9	Phenanthrene, 1-methyl-	200	J			18.358	
018791-75-8	4-Bromothiophene-2-aldehyde	380	J			18.499	
000084-65-1	9,10-Anthracenedione	150	J			18.852	
001576-67-6	Phenanthrene, 3,6-dimethyl-	130	J			19.216	
	unknown-02	130	J			21.319	
E966796	Total Alkanes	36	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BA5	SDG No.:	BG072324
Lab Sample ID:	P3263-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062185.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7	71	ug/Kg
100-52-7	Benzaldehyde	62	U	62	87.8	350	ug/Kg
110-86-1	Pyridine	82	U	82	180	350	ug/Kg
108-95-2	Phenol	32	U	32	87.8	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	87.8	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45.2	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	87.8	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	43	U	43	87.8	350	ug/Kg
98-86-2	Acetophenone	70	U	70	87.8	350	ug/Kg
106-44-5	4-Methylphenol	56	U	56	87.8	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	84	U	84	45.2	180	ug/Kg
67-72-1	Hexachloroethane	65	U	65	45.2	180	ug/Kg
98-95-3	Nitrobenzene	68	U	68	45.2	180	ug/Kg
78-59-1	Isophorone	70	U	70	45.2	180	ug/Kg
88-75-5	2-Nitrophenol	64	U	64	45.2	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	45.2	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	45.2	180	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	45.2	180	ug/Kg
91-20-3	Naphthalene	26	U	26	45.2	180	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	45.2	350	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	45.2	180	ug/Kg
105-60-2	Caprolactam	68	U	68	87.8	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	44	U	44	45.2	180	ug/Kg
90-12-0	1-Methylnaphthalene	26	U	26	45.2	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	45.2	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	87.8	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	26	U	26	45.2	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35	U	35	45.2	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BA5	SDG No.:	BG072324
Lab Sample ID:	P3263-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062185.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45.2	180	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	45.2	180	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	45.2	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45.2	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	45.2	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45.2	180	ug/Kg
99-09-2	3-Nitroaniline	70	U	70	87.8	350	ug/Kg
83-32-9	Acenaphthene	28	U	28	45.2	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	87.8	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	87.8	350	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45.2	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	45.2	180	ug/Kg
84-66-2	Diethylphthalate	35	U	35	45.2	180	ug/Kg
86-73-7	Fluorene	29	U	29	45.2	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45.2	180	ug/Kg
100-01-6	4-Nitroaniline	26	U	26	87.8	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	87.8	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	26	U	26	45.2	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	45.2	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45.2	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45.2	180	ug/Kg
1912-24-9	Atrazine	30	U	30	87.8	350	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	87.8	350	ug/Kg
85-01-8	Phenanthrene	220		29	45.2	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	45.2	180	ug/Kg
120-12-7	Anthracene	48	J	27	45.2	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45.2	180	ug/Kg
86-74-8	Carbazole	36	U	36	87.8	350	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45.2	180	ug/Kg
206-44-0	Fluoranthene	440		20	87.8	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BA5	SDG No.:	BG072324
Lab Sample ID:	P3263-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062185.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	300		19	45.2	180	ug/Kg
85-68-7	Butylbenzylphthalate	23	U	23	45.2	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	87.8	350	ug/Kg
56-55-3	Benzo(a)anthracene	180		24	45.2	180	ug/Kg
218-01-9	Chrysene	230		26	45.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	J	27	45.2	180	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	87.8	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	280		39	45.2	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	78	J	40	45.2	180	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	33	45.2	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	94	J	30	45.2	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	45.2	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	45.2	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	45.2	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.384		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	1.955	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	22.223		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.662		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.506		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	22.399		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	21.481		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.698		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.811		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.284		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.891		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	24.768		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.597		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	24.298		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BA5	SDG No.:	BG072324
Lab Sample ID:	P3263-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	6.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062185.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.42		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	25.44		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	24.105		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.078		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	38083	8.067				
1146-65-2	Naphthalene-d8	161410	10.881				
15067-26-2	Acenaphthene-d10	136725	14.693				
1517-22-2	Phenanthrene-d10	337179	17.442				
1719-03-5	Chrysene-d12	314107	21.701				
1520-96-3	Perylene-d12	346766	24.938				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	160	J			3.737	
000770-35-4	1-Phenoxypropan-2-ol	180	J			11.609	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BA7	SDG No.:	BG072324
Lab Sample ID:	P3263-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062186.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.7	78	ug/Kg
100-52-7	Benzaldehyde	67	U	67	95.9	380	ug/Kg
110-86-1	Pyridine	90	U	90	190	380	ug/Kg
108-95-2	Phenol	35	U	35	95.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	95.9	380	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.4	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	95.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	47	U	47	95.9	380	ug/Kg
98-86-2	Acetophenone	77	U	77	95.9	380	ug/Kg
106-44-5	4-Methylphenol	62	U	62	95.9	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	92	U	92	49.4	200	ug/Kg
67-72-1	Hexachloroethane	71	U	71	49.4	200	ug/Kg
98-95-3	Nitrobenzene	74	U	74	49.4	200	ug/Kg
78-59-1	Isophorone	77	U	77	49.4	200	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	49.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	37	U	37	49.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	52	U	52	49.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	49.4	200	ug/Kg
91-20-3	Naphthalene	96	J	28	49.4	200	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	49.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	49.4	200	ug/Kg
105-60-2	Caprolactam	74	U	74	95.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	48	U	48	49.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	28	U	28	49.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	48	J	37	49.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	95.9	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28	U	28	49.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	38	U	38	49.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BA7	SDG No.:	BG072324
Lab Sample ID:	P3263-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062186.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	49.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	38	U	38	49.4	200	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	49.4	200	ug/Kg
131-11-3	Dimethylphthalate	35	U	35	49.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	49.4	200	ug/Kg
208-96-8	Acenaphthylene	34	U	34	49.4	200	ug/Kg
99-09-2	3-Nitroaniline	77	U	77	95.9	380	ug/Kg
83-32-9	Acenaphthene	120	J	30	49.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	95.9	380	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	95.9	380	ug/Kg
132-64-9	Dibenzofuran	62	J	31	49.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	41	U	41	49.4	200	ug/Kg
84-66-2	Diethylphthalate	38	U	38	49.4	200	ug/Kg
86-73-7	Fluorene	110	J	31	49.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	49.4	200	ug/Kg
100-01-6	4-Nitroaniline	28	U	28	95.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	44	U	44	95.9	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	28	U	28	49.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	49.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	49.4	200	ug/Kg
118-74-1	Hexachlorobenzene	33	U	33	49.4	200	ug/Kg
1912-24-9	Atrazine	33	U	33	95.9	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.9	380	ug/Kg
85-01-8	Phenanthrene	710		31	49.4	200	ug/Kg
608-93-5	Pentachlorobenzene	43	U	43	49.4	200	ug/Kg
120-12-7	Anthracene	170	J	29	49.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	20	U	20	49.4	200	ug/Kg
86-74-8	Carbazole	93	J	40	95.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	49.4	200	ug/Kg
206-44-0	Fluoranthene	770		22	95.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BA7	SDG No.:	BG072324
Lab Sample ID:	P3263-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062186.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	620		21	49.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	26	U	26	49.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	95.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	340		27	49.4	200	ug/Kg
218-01-9	Chrysene	340		28	49.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	29	U	29	49.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	56	U	56	95.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	360		43	49.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	44	49.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	290		36	49.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	33	49.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56	J	30	49.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	55	J	37	49.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	49.4	200	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	6.325	*	20-120		16	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.259		15-120		41	SPK: -8
4165-62-2	Phenol-d5	17.298		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.388		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.3		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	18.361		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	17.793		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.248		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.439		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.585		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.654		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	19.997		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.415		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	19.934		20-140		50	SPK: -40

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BA7	SDG No.:	BG072324
Lab Sample ID:	P3263-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062186.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.685		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	20.779		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	18.928		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.674		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43918	8.064				
1146-65-2	Naphthalene-d8	180865	10.878				
15067-26-2	Acenaphthene-d10	157238	14.696				
1517-22-2	Phenanthrene-d10	400622	17.439				
1719-03-5	Chrysene-d12	379687	21.704				
1520-96-3	Perylene-d12	411513	24.935				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	91	J			3.735	
000770-35-4	1-Phenoxypropan-2-ol	150	J			11.612	
000832-71-3	Phenanthrene, 3-methyl-	89	J			18.315	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	130	J			18.362	
000203-64-5	4H-Cyclopenta[def]phenanthrene	240	J			18.509	
E966796	Total Alkanes	30	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BB0	SDG No.:	BG072324
Lab Sample ID:	P3263-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062187.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	U	30	7.4	75	ug/Kg
100-52-7	Benzaldehyde	65	U	65	92.6	370	ug/Kg
110-86-1	Pyridine	86	U	86	190	370	ug/Kg
108-95-2	Phenol	34	U	34	92.6	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	92.6	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.7	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	92.6	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	92.6	370	ug/Kg
98-86-2	Acetophenone	74	U	74	92.6	370	ug/Kg
106-44-5	4-Methylphenol	59	U	59	92.6	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	89	U	89	47.7	190	ug/Kg
67-72-1	Hexachloroethane	68	U	68	47.7	190	ug/Kg
98-95-3	Nitrobenzene	72	U	72	47.7	190	ug/Kg
78-59-1	Isophorone	74	U	74	47.7	190	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	47.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	47.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	47.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	47.7	190	ug/Kg
91-20-3	Naphthalene	46	J	27	47.7	190	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	47.7	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	47.7	190	ug/Kg
105-60-2	Caprolactam	72	U	72	92.6	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	46	U	46	47.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	47.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	47.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	92.6	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	47.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	47.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BB0	SDG No.:	BG072324
Lab Sample ID:	P3263-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062187.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	29	U	29	47.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	47.7	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	47.7	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	47.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	22	U	22	47.7	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	47.7	190	ug/Kg
99-09-2	3-Nitroaniline	74	U	74	92.6	370	ug/Kg
83-32-9	Acenaphthene	56	J	29	47.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	92.6	370	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	92.6	370	ug/Kg
132-64-9	Dibenzofuran	50	J	30	47.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	39	U	39	47.7	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	47.7	190	ug/Kg
86-73-7	Fluorene	71	J	30	47.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	47.7	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	92.6	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	92.6	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	47.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38	U	38	47.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	47.7	190	ug/Kg
118-74-1	Hexachlorobenzene	31	U	31	47.7	190	ug/Kg
1912-24-9	Atrazine	31	U	31	92.6	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	92.6	370	ug/Kg
85-01-8	Phenanthrene	820		30	47.7	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	47.7	190	ug/Kg
120-12-7	Anthracene	160	J	28	47.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	47.7	190	ug/Kg
86-74-8	Carbazole	77	J	38	92.6	370	ug/Kg
84-74-2	Di-n-butylphthalate	30	U	30	47.7	190	ug/Kg
206-44-0	Fluoranthene	1100		21	92.6	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BB0	SDG No.:	BG072324
Lab Sample ID:	P3263-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062187.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	710		20	47.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	47.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	58	U	58	92.6	370	ug/Kg
56-55-3	Benzo(a)anthracene	430		26	47.7	190	ug/Kg
218-01-9	Chrysene	460		27	47.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	28	U	28	47.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	92.6	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	540		42	47.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	190		43	47.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	220		35	47.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	31	47.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	77	J	29	47.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	47.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	47.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.958		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	3.71	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	18.881		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.528		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.687		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	17.821		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	17.708		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.912		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.747		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.471		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.509		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	18.957		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.603		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	19.164		20-140		48	SPK: -40



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Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BB0	SDG No.:	BG072324
Lab Sample ID:	P3263-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
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
BG062187.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.31		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	20.104		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	19.195		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.735		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43048	8.066				
1146-65-2	Naphthalene-d8	181615	10.88				
15067-26-2	Acenaphthene-d10	161702	14.699				
1517-22-2	Phenanthrene-d10	401901	17.442				
1719-03-5	Chrysene-d12	378627	21.701				
1520-96-3	Perylene-d12	404056	24.938				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.615	
000832-69-9	Phenanthrene, 1-methyl-	94	J			18.311	
000610-48-0	Anthracene, 1-methyl-	140	J			18.358	
000203-64-5	4H-Cyclopenta[def]phenanthrene	180	J			18.511	
000084-65-1	9,10-Anthracenedione	82	J			18.852	
E966796	Total Alkanes	29	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK100	SDG No.:	BG072324
Lab Sample ID:	PB162100BL	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
BG062189.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK100	SDG No.:	BG072324
Lab Sample ID:	PB162100BL	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
BG062189.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK100	SDG No.:	BG072324
Lab Sample ID:	PB162100BL	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
BG062189.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.199		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	21.965		20-120		55	SPK: -40
4165-62-2	Phenol-d5	25.861		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.861		25-120		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.42		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	25.965		25-125		65	SPK: -40
4165-60-0	Nitrobenzene-d5	24.888		20-125		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.546		20-130		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.624		20-120		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.533		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.475		25-130		61	SPK: -40
93951-97-4	Acenaphthylene-d8	26.265		10-130		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.16		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	26.109		25-125		65	SPK: -40



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SBLK100	SDG No.:	BG072324
Lab Sample ID:	PB162100BL	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
BG062189.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.988		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	27.151		25-130		68	SPK: -40
1718-52-1	Pyrene-d10	28.7		15-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.89		20-130		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	44783	8.064				
1146-65-2	Naphthalene-d8	195628	10.878				
15067-26-2	Acenaphthene-d10	172323	14.69				
1517-22-2	Phenanthrene-d10	448048	17.44				
1719-03-5	Chrysene-d12	417656	21.698				
1520-96-3	Perylene-d12	444009	24.929				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BD6	SDG No.:	BG072324
Lab Sample ID:	P3263-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062190.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	28	U	28	6.9	70	ug/Kg
100-52-7	Benzaldehyde	61	U	61	86.8	350	ug/Kg
110-86-1	Pyridine	81	U	81	170	350	ug/Kg
108-95-2	Phenol	32	U	32	86.8	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	86.8	350	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	44.7	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	86.8	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42	U	42	86.8	350	ug/Kg
98-86-2	Acetophenone	69	U	69	86.8	350	ug/Kg
106-44-5	4-Methylphenol	56	U	56	86.8	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	83	U	83	44.7	180	ug/Kg
67-72-1	Hexachloroethane	64	U	64	44.7	180	ug/Kg
98-95-3	Nitrobenzene	67	U	67	44.7	180	ug/Kg
78-59-1	Isophorone	69	U	69	44.7	180	ug/Kg
88-75-5	2-Nitrophenol	63	U	63	44.7	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	44.7	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	44.7	180	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	44.7	180	ug/Kg
91-20-3	Naphthalene	25	U	25	44.7	180	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	44.7	350	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	44.7	180	ug/Kg
105-60-2	Caprolactam	67	U	67	86.8	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	44.7	180	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	44.7	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	44.7	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	86.8	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	25	U	25	44.7	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35	U	35	44.7	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BD6	SDG No.:	BG072324
Lab Sample ID:	P3263-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062190.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27	U	27	44.7	180	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	44.7	180	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	44.7	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	44.7	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	44.7	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	44.7	180	ug/Kg
99-09-2	3-Nitroaniline	69	U	69	86.8	350	ug/Kg
83-32-9	Acenaphthene	36	J	27	44.7	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	86.8	350	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	86.8	350	ug/Kg
132-64-9	Dibenzofuran	37	J	28	44.7	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	44.7	180	ug/Kg
84-66-2	Diethylphthalate	35	U	35	44.7	180	ug/Kg
86-73-7	Fluorene	28	U	28	44.7	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	44.7	180	ug/Kg
100-01-6	4-Nitroaniline	25	U	25	86.8	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	86.8	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	25	U	25	44.7	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	44.7	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	27	U	27	44.7	180	ug/Kg
118-74-1	Hexachlorobenzene	29	U	29	44.7	180	ug/Kg
1912-24-9	Atrazine	29	U	29	86.8	350	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	86.8	350	ug/Kg
85-01-8	Phenanthrene	530		28	44.7	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	44.7	180	ug/Kg
120-12-7	Anthracene	64	J	26	44.7	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	44.7	180	ug/Kg
86-74-8	Carbazole	42	J	36	86.8	350	ug/Kg
84-74-2	Di-n-butylphthalate	28	U	28	44.7	180	ug/Kg
206-44-0	Fluoranthene	680		20	86.8	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BD6	SDG No.:	BG072324
Lab Sample ID:	P3263-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062190.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	430		19	44.7	180	ug/Kg
85-68-7	Butylbenzylphthalate	23	U	23	44.7	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	86.8	350	ug/Kg
56-55-3	Benzo(a)anthracene	250		24	44.7	180	ug/Kg
218-01-9	Chrysene	310		25	44.7	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	82	J	26	44.7	180	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	86.8	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	350		39	44.7	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	J	40	44.7	180	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	33	44.7	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	29	44.7	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50	J	27	44.7	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	44.7	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	44.7	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.431		15-120		55	SPK: -8
7291-22-7	Pyridine-d5	4.638	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	22.452		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.27		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.297		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	21.617		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	22.288		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.077		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.04		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.276		1-145		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.879		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	24.138		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.11		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	24.329		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4BD6	SDG No.:	BG072324
Lab Sample ID:	P3263-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062190.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.601		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	24.594		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	23.414		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.262		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41580	8.07				
1146-65-2	Naphthalene-d8	174148	10.878				
15067-26-2	Acenaphthene-d10	147231	14.691				
1517-22-2	Phenanthrene-d10	369285	17.44				
1719-03-5	Chrysene-d12	343193	21.699				
1520-96-3	Perylene-d12	362717	24.936				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	100	J			3.735	
004712-55-4	Phosphonic acid, diphenyl ester	120	J			11.607	
000949-41-7	1H-Cyclopropa[l]phenanthrene,1a,9b	89	J			18.357	
000203-64-5	4H-Cyclopenta[def]phenanthrene	110	J			18.503	
000084-65-1	9,10-Anthracenedione	83	J			18.85	
000112-84-5	13-Docosenamide, (Z)-	130	J			23.15	
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CK9	SDG No.:	BG072324
Lab Sample ID:	P3263-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062191.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	7.5	76	ug/Kg
100-52-7	Benzaldehyde	66	U	66	93.7	370	ug/Kg
110-86-1	Pyridine	87	U	87	190	370	ug/Kg
108-95-2	Phenol	34	U	34	93.7	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	33	U	33	93.7	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.2	190	ug/Kg
95-48-7	2-Methylphenol	35	U	35	93.7	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	45	U	45	93.7	370	ug/Kg
98-86-2	Acetophenone	75	U	75	93.7	370	ug/Kg
106-44-5	4-Methylphenol	60	U	60	93.7	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	90	U	90	48.2	190	ug/Kg
67-72-1	Hexachloroethane	69	U	69	48.2	190	ug/Kg
98-95-3	Nitrobenzene	73	U	73	48.2	190	ug/Kg
78-59-1	Isophorone	75	U	75	48.2	190	ug/Kg
88-75-5	2-Nitrophenol	68	U	68	48.2	190	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	48.2	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	51	U	51	48.2	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	48.2	190	ug/Kg
91-20-3	Naphthalene	27	U	27	48.2	190	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	48.2	370	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	48.2	190	ug/Kg
105-60-2	Caprolactam	73	U	73	93.7	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	47	U	47	48.2	190	ug/Kg
90-12-0	1-Methylnaphthalene	27	U	27	48.2	190	ug/Kg
91-57-6	2-Methylnaphthalene	36	U	36	48.2	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	93.7	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	27	U	27	48.2	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	37	U	37	48.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CK9	SDG No.:	BG072324
Lab Sample ID:	P3263-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
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
BG062191.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	30	U	30	48.2	190	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	48.2	190	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	48.2	190	ug/Kg
131-11-3	Dimethylphthalate	34	U	34	48.2	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	48.2	190	ug/Kg
208-96-8	Acenaphthylene	33	U	33	48.2	190	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	93.7	370	ug/Kg
83-32-9	Acenaphthene	30	U	30	48.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	93.7	370	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	93.7	370	ug/Kg
132-64-9	Dibenzofuran	31	U	31	48.2	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	40	U	40	48.2	190	ug/Kg
84-66-2	Diethylphthalate	37	U	37	48.2	190	ug/Kg
86-73-7	Fluorene	31	U	31	48.2	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.2	190	ug/Kg
100-01-6	4-Nitroaniline	27	U	27	93.7	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	43	U	43	93.7	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	27	U	27	48.2	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	39	U	39	48.2	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	30	U	30	48.2	190	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	48.2	190	ug/Kg
1912-24-9	Atrazine	32	U	32	93.7	370	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	93.7	370	ug/Kg
85-01-8	Phenanthrene	220		31	48.2	190	ug/Kg
608-93-5	Pentachlorobenzene	42	U	42	48.2	190	ug/Kg
120-12-7	Anthracene	40	J	28	48.2	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	19	U	19	48.2	190	ug/Kg
86-74-8	Carbazole	39	U	39	93.7	370	ug/Kg
84-74-2	Di-n-butylphthalate	31	U	31	48.2	190	ug/Kg
206-44-0	Fluoranthene	390		22	93.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CK9	SDG No.:	BG072324
Lab Sample ID:	P3263-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
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
BG062191.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	290		20	48.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	25	U	25	48.2	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	59	U	59	93.7	370	ug/Kg
56-55-3	Benzo(a)anthracene	180	J	26	48.2	190	ug/Kg
218-01-9	Chrysene	220		27	48.2	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	J	28	48.2	190	ug/Kg
117-84-0	Di-n-octyl phthalate	54	U	54	93.7	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	240		42	48.2	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	43	48.2	190	ug/Kg
50-32-8	Benzo(a)pyrene	110	J	35	48.2	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	80	J	32	48.2	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	J	30	48.2	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36	U	36	48.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	48.2	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.613		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	16.564		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.075		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.027		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	16.683		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	15.493		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.251		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.348		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	1.018		1-145		3	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.038		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	17.789		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.522		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	18		20-140		45	SPK: -40

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CK9	SDG No.:	BG072324
Lab Sample ID:	P3263-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
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
BG062191.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.554		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	18.35		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	17.242		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.905		10-140		32	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48227	8.066				
1146-65-2	Naphthalene-d8	208293	10.88				
15067-26-2	Acenaphthene-d10	169084	14.692				
1517-22-2	Phenanthrene-d10	403364	17.441				
1719-03-5	Chrysene-d12	366406	21.7				
1520-96-3	Perylene-d12	385070	24.937				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-14-2	R-(-)-1,2-propanediol	110	J			3.736	
	unknown-01	140	J			10.175	
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.608	
	unknown-02	98	J			18.499	
000500-67-4	5-Heptylresorcinol	170	J			19.715	
081769-66-6	Imidazole, 5-methyl-4-trifluoromet	100	J			20.578	
1000351-74-9	Octacosyl trifluoroacetate	430	J			21.318	
035599-77-0	Tridecane, 1-iodo-	350	J			22.47	
057866-08-7	Tetracosanal	450	J			23.515	
053057-53-7	1,21-Docosadiene	760	J			25.442	
	(DEL) Alkane: Straight-Chain26.047	1300	J			26.047	
E966796	Total Alkanes	1300				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CL0	SDG No.:	BG072324
Lab Sample ID:	P3263-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
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
BG062192.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	29	U	29	7	71	ug/Kg
100-52-7	Benzaldehyde	61	U	61	87.3	350	ug/Kg
110-86-1	Pyridine	81	U	81	170	350	ug/Kg
108-95-2	Phenol	32	U	32	87.3	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	31	U	31	87.3	350	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	45	180	ug/Kg
95-48-7	2-Methylphenol	33	U	33	87.3	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	42	U	42	87.3	350	ug/Kg
98-86-2	Acetophenone	70	U	70	87.3	350	ug/Kg
106-44-5	4-Methylphenol	56	U	56	87.3	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	84	U	84	45	180	ug/Kg
67-72-1	Hexachloroethane	65	U	65	45	180	ug/Kg
98-95-3	Nitrobenzene	68	U	68	45	180	ug/Kg
78-59-1	Isophorone	70	U	70	45	180	ug/Kg
88-75-5	2-Nitrophenol	63	U	63	45	180	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	45	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	45	180	ug/Kg
120-83-2	2,4-Dichlorophenol	40	U	40	45	180	ug/Kg
91-20-3	Naphthalene	25	U	25	45	180	ug/Kg
106-47-8	4-Chloroaniline	38	U	38	45	350	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	45	180	ug/Kg
105-60-2	Caprolactam	68	U	68	87.3	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43	U	43	45	180	ug/Kg
90-12-0	1-Methylnaphthalene	25	U	25	45	180	ug/Kg
91-57-6	2-Methylnaphthalene	34	U	34	45	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	87.3	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	25	U	25	45	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35	U	35	45	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CL0	SDG No.:	BG072324
Lab Sample ID:	P3263-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062192.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	28	U	28	45	180	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	45	180	ug/Kg
88-74-4	2-Nitroaniline	48	U	48	45	180	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	45	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	45	180	ug/Kg
208-96-8	Acenaphthylene	31	U	31	45	180	ug/Kg
99-09-2	3-Nitroaniline	70	U	70	87.3	350	ug/Kg
83-32-9	Acenaphthene	28	U	28	45	180	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	87.3	350	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	87.3	350	ug/Kg
132-64-9	Dibenzofuran	29	U	29	45	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	37	U	37	45	180	ug/Kg
84-66-2	Diethylphthalate	35	U	35	45	180	ug/Kg
86-73-7	Fluorene	29	U	29	45	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	21	U	21	45	180	ug/Kg
100-01-6	4-Nitroaniline	25	U	25	87.3	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	40	U	40	87.3	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	25	U	25	45	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36	U	36	45	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	28	U	28	45	180	ug/Kg
118-74-1	Hexachlorobenzene	30	U	30	45	180	ug/Kg
1912-24-9	Atrazine	30	U	30	87.3	350	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	87.3	350	ug/Kg
85-01-8	Phenanthrene	480		29	45	180	ug/Kg
608-93-5	Pentachlorobenzene	39	U	39	45	180	ug/Kg
120-12-7	Anthracene	87	J	26	45	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	18	U	18	45	180	ug/Kg
86-74-8	Carbazole	41	J	36	87.3	350	ug/Kg
84-74-2	Di-n-butylphthalate	29	U	29	45	180	ug/Kg
206-44-0	Fluoranthene	770		20	87.3	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CL0	SDG No.:	BG072324
Lab Sample ID:	P3263-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062192.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	580		19	45	180	ug/Kg
85-68-7	Butylbenzylphthalate	23	U	23	45	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	87.3	350	ug/Kg
56-55-3	Benzo(a)anthracene	390		24	45	180	ug/Kg
218-01-9	Chrysene	410		25	45	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	26	45	180	ug/Kg
117-84-0	Di-n-octyl phthalate	51	U	51	87.3	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	470		39	45	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	180		40	45	180	ug/Kg
50-32-8	Benzo(a)pyrene	210		33	45	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	30	45	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	77	J	28	45	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	45	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	45	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.984		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	24.603		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.793		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.244		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	24.449		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	23.409		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.916		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.039		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.151		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.398		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	26.246		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.152		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	24.451		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CL0	SDG No.:	BG072324
Lab Sample ID:	P3263-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062192.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.131		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	25.701		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	24.523		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.334		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42154	8.064				
1146-65-2	Naphthalene-d8	172956	10.878				
15067-26-2	Acenaphthene-d10	145536	14.697				
1517-22-2	Phenanthrene-d10	348965	17.44				
1719-03-5	Chrysene-d12	325302	21.705				
1520-96-3	Perylene-d12	354940	24.942				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	110	J			3.741	
000770-35-4	1-Phenoxypropan-2-ol	190	J			11.613	
000613-12-7	Anthracene, 2-methyl-	120	J			18.362	
018791-75-8	4-Bromothiophene-2-aldehyde	160	J			18.503	
086544-79-8	1,3-Diphenyl-3-methylcyclopropene	78	J			19.22	
	unknown-02	180	J			21.323	
026627-85-0	Hexacosanal	710	J			23.514	
E966796	Total Alkanes	28	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CL0MS	SDG No.:	BG072324
Lab Sample ID:	P3263-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062193.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	300		29	7	71	ug/Kg
100-52-7	Benzaldehyde	830		61	87.2	350	ug/Kg
110-86-1	Pyridine	350		81	170	350	ug/Kg
108-95-2	Phenol	860		32	87.2	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	780		31	87.2	350	ug/Kg
95-57-8	2-Chlorophenol	820		30	44.9	180	ug/Kg
95-48-7	2-Methylphenol	820		33	87.2	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	770		42	87.2	350	ug/Kg
98-86-2	Acetophenone	790		70	87.2	350	ug/Kg
106-44-5	4-Methylphenol	860		56	87.2	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	750		84	44.9	180	ug/Kg
67-72-1	Hexachloroethane	650		65	44.9	180	ug/Kg
98-95-3	Nitrobenzene	820		68	44.9	180	ug/Kg
78-59-1	Isophorone	770		70	44.9	180	ug/Kg
88-75-5	2-Nitrophenol	880		63	44.9	180	ug/Kg
105-67-9	2,4-Dimethylphenol	660		34	44.9	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	800		48	44.9	180	ug/Kg
120-83-2	2,4-Dichlorophenol	970		40	44.9	180	ug/Kg
91-20-3	Naphthalene	920		25	44.9	180	ug/Kg
106-47-8	4-Chloroaniline	370		38	44.9	350	ug/Kg
87-68-3	Hexachlorobutadiene	930		37	44.9	180	ug/Kg
105-60-2	Caprolactam	830		68	87.2	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	910		43	44.9	180	ug/Kg
90-12-0	1-Methylnaphthalene	880		25	44.9	180	ug/Kg
91-57-6	2-Methylnaphthalene	900		34	44.9	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	310	J	100	87.2	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	990		25	44.9	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	960		35	44.9	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CL0MS	SDG No.:	BG072324
Lab Sample ID:	P3263-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
Sample Wt/Vol:	30.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062193.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	890		27	44.9	180	ug/Kg
91-58-7	2-Chloronaphthalene	890		35	44.9	180	ug/Kg
88-74-4	2-Nitroaniline	890		48	44.9	180	ug/Kg
131-11-3	Dimethylphthalate	800		32	44.9	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	900		21	44.9	180	ug/Kg
208-96-8	Acenaphthylene	860		31	44.9	180	ug/Kg
99-09-2	3-Nitroaniline	720		70	87.2	350	ug/Kg
83-32-9	Acenaphthene	870		27	44.9	180	ug/Kg
51-28-5	2,4-Dinitrophenol	650		140	87.2	350	ug/Kg
100-02-7	4-Nitrophenol	760		47	87.2	350	ug/Kg
132-64-9	Dibenzofuran	880		29	44.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	800		37	44.9	180	ug/Kg
84-66-2	Diethylphthalate	780		35	44.9	180	ug/Kg
86-73-7	Fluorene	870		29	44.9	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	830		21	44.9	180	ug/Kg
100-01-6	4-Nitroaniline	770		25	87.2	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	840		40	87.2	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	960		25	44.9	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	900		36	44.9	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	950		27	44.9	180	ug/Kg
118-74-1	Hexachlorobenzene	740		30	44.9	180	ug/Kg
1912-24-9	Atrazine	640		30	87.2	350	ug/Kg
87-86-5	Pentachlorophenol	810		93	87.2	350	ug/Kg
85-01-8	Phenanthrene	1300		29	44.9	180	ug/Kg
608-93-5	Pentachlorobenzene	940		39	44.9	180	ug/Kg
120-12-7	Anthracene	920		26	44.9	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1000		18	44.9	180	ug/Kg
86-74-8	Carbazole	840		36	87.2	350	ug/Kg
84-74-2	Di-n-butylphthalate	850		29	44.9	180	ug/Kg
206-44-0	Fluoranthene	1500		20	87.2	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CL0MS	SDG No.:	BG072324
Lab Sample ID:	P3263-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062193.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		19	44.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	910		23	44.9	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	87.2	350	ug/Kg
56-55-3	Benzo(a)anthracene	1200		24	44.9	180	ug/Kg
218-01-9	Chrysene	1200		25	44.9	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	980		26	44.9	180	ug/Kg
117-84-0	Di-n-octyl phthalate	900		51	87.2	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		39	44.9	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		40	44.9	180	ug/Kg
50-32-8	Benzo(a)pyrene	630		33	44.9	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	870		30	44.9	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		27	44.9	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	J	34	44.9	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	890		38	44.9	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.502		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	2.646	*	20-120		7	SPK: -40
4165-62-2	Phenol-d5	18.644		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.678		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.712		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	18.34		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	21.027		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.351		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.687		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.44		1-145		19	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.269		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	20.983		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.169		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	20.399		20-140		51	SPK: -40



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

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CL0MS	SDG No.:	BG072324
Lab Sample ID:	P3263-21MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062193.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.439		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	21.407		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	19.799		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.293		10-140		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	45642	8.068				
1146-65-2	Naphthalene-d8	181969	10.882				
15067-26-2	Acenaphthene-d10	157346	14.694				
1517-22-2	Phenanthrene-d10	381005	17.443				
1719-03-5	Chrysene-d12	348814	21.708				
1520-96-3	Perylene-d12	374091	24.945				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CL0MSD	SDG No.:	BG072324
Lab Sample ID:	P3263-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062194.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	290		29	7	70	ug/Kg
100-52-7	Benzaldehyde	870		61	87.1	350	ug/Kg
110-86-1	Pyridine	420		81	170	350	ug/Kg
108-95-2	Phenol	840		32	87.1	350	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	780		31	87.1	350	ug/Kg
95-57-8	2-Chlorophenol	840		30	44.9	180	ug/Kg
95-48-7	2-Methylphenol	830		33	87.1	350	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	810		42	87.1	350	ug/Kg
98-86-2	Acetophenone	850		70	87.1	350	ug/Kg
106-44-5	4-Methylphenol	860		56	87.1	350	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	790		83	44.9	180	ug/Kg
67-72-1	Hexachloroethane	690		64	44.9	180	ug/Kg
98-95-3	Nitrobenzene	840		68	44.9	180	ug/Kg
78-59-1	Isophorone	760		70	44.9	180	ug/Kg
88-75-5	2-Nitrophenol	850		63	44.9	180	ug/Kg
105-67-9	2,4-Dimethylphenol	540		34	44.9	180	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	780		48	44.9	180	ug/Kg
120-83-2	2,4-Dichlorophenol	910		40	44.9	180	ug/Kg
91-20-3	Naphthalene	890		25	44.9	180	ug/Kg
106-47-8	4-Chloroaniline	380		38	44.9	350	ug/Kg
87-68-3	Hexachlorobutadiene	910		37	44.9	180	ug/Kg
105-60-2	Caprolactam	740		68	87.1	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	860		43	44.9	180	ug/Kg
90-12-0	1-Methylnaphthalene	850		25	44.9	180	ug/Kg
91-57-6	2-Methylnaphthalene	890		34	44.9	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	350		100	87.1	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	990		25	44.9	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	970		35	44.9	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CL0MSD	SDG No.:	BG072324
Lab Sample ID:	P3263-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062194.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	950		27	44.9	180	ug/Kg
91-58-7	2-Chloronaphthalene	930		35	44.9	180	ug/Kg
88-74-4	2-Nitroaniline	950		48	44.9	180	ug/Kg
131-11-3	Dimethylphthalate	830		32	44.9	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	860		21	44.9	180	ug/Kg
208-96-8	Acenaphthylene	890		31	44.9	180	ug/Kg
99-09-2	3-Nitroaniline	700		70	87.1	350	ug/Kg
83-32-9	Acenaphthene	900		27	44.9	180	ug/Kg
51-28-5	2,4-Dinitrophenol	630		140	87.1	350	ug/Kg
100-02-7	4-Nitrophenol	820		46	87.1	350	ug/Kg
132-64-9	Dibenzofuran	890		29	44.9	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	830		37	44.9	180	ug/Kg
84-66-2	Diethylphthalate	810		35	44.9	180	ug/Kg
86-73-7	Fluorene	890		29	44.9	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	860		21	44.9	180	ug/Kg
100-01-6	4-Nitroaniline	750		25	87.1	350	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	890		40	87.1	350	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1000		25	44.9	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	960		36	44.9	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	990		27	44.9	180	ug/Kg
118-74-1	Hexachlorobenzene	770		30	44.9	180	ug/Kg
1912-24-9	Atrazine	650		30	87.1	350	ug/Kg
87-86-5	Pentachlorophenol	860		93	87.1	350	ug/Kg
85-01-8	Phenanthrene	1300		29	44.9	180	ug/Kg
608-93-5	Pentachlorobenzene	990		39	44.9	180	ug/Kg
120-12-7	Anthracene	940		26	44.9	180	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		18	44.9	180	ug/Kg
86-74-8	Carbazole	860		36	87.1	350	ug/Kg
84-74-2	Di-n-butylphthalate	860		29	44.9	180	ug/Kg
206-44-0	Fluoranthene	1600		20	87.1	180	ug/Kg

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CL0MSD	SDG No.:	BG072324
Lab Sample ID:	P3263-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062194.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1300		19	44.9	180	ug/Kg
85-68-7	Butylbenzylphthalate	940		23	44.9	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	87.1	350	ug/Kg
56-55-3	Benzo(a)anthracene	1300		24	44.9	180	ug/Kg
218-01-9	Chrysene	1300		25	44.9	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000		26	44.9	180	ug/Kg
117-84-0	Di-n-octyl phthalate	920		51	87.1	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		39	44.9	180	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		40	44.9	180	ug/Kg
50-32-8	Benzo(a)pyrene	650		33	44.9	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	870		30	44.9	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		27	44.9	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	J	34	44.9	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	860		38	44.9	180	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.473		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	3.691	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	19.684		10-130		49	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.608		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.739		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	19.766		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	20.777		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.577		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.102		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.471		1-145		19	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.05		10-145		53	SPK: -40
93951-97-4	Acenaphthylene-d8	22.395		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.884		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	21.76		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	7/15/2024 12:00:00 AM
Project:		Date Received:	7/15/2024 12:00:00 AM
Client Sample ID:	A4CL0MSD	SDG No.:	BG072324
Lab Sample ID:	P3263-22MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	5.5
Sample Wt/Vol:	30.07 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062194.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162098

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.195		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	22.146		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	21.287		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.46		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49458	8.064				
1146-65-2	Naphthalene-d8	207360	10.883				
15067-26-2	Acenaphthene-d10	162448	14.696				
1517-22-2	Phenanthrene-d10	385010	17.445				
1719-03-5	Chrysene-d12	349097	21.704				
1520-96-3	Perylene-d12	379255	24.947				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	27	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SLCS089	SDG No.:	BG072324
Lab Sample ID:	PB162089BS	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
BG062195.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162089

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	1000		58	82.5	330	ug/Kg
110-86-1	Pyridine	820		77	170	330	ug/Kg
108-95-2	Phenol	1100		30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	990		29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1000		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1100		31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	990		40	82.5	330	ug/Kg
98-86-2	Acetophenone	1000		66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1100		53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	960		79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1100		61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1000		64	42.5	170	ug/Kg
78-59-1	Isophorone	950		66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1000		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	960		45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		38	42.5	170	ug/Kg
91-20-3	Naphthalene	1100		24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	900		36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1100		35	42.5	170	ug/Kg
105-60-2	Caprolactam	990		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	1000		24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1100		32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	390		97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		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:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SLCS089	SDG No.:	BG072324
Lab Sample ID:	PB162089BS	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
BG062195.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1100		33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1200		45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1000		30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1100		20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1100		29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1200		66	82.5	330	ug/Kg
83-32-9	Acenaphthene	1100		26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	820		130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1000		44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1100		27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	990		33	42.5	170	ug/Kg
86-73-7	Fluorene	1100		27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1200		24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1200		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	1200		26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1100		28	42.5	170	ug/Kg
1912-24-9	Atrazine	120	J	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	710		88	82.5	330	ug/Kg
85-01-8	Phenanthrene	1100		27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1200		37	42.5	170	ug/Kg
120-12-7	Anthracene	1100		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	1100		27	42.5	170	ug/Kg
206-44-0	Fluoranthene	1200		19	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SLCS089	SDG No.:	BG072324
Lab Sample ID:	PB162089BS	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
BG062195.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1200		22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1200		52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1100		23	42.5	170	ug/Kg
218-01-9	Chrysene	1100		24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		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	1100		31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1100		32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	930		36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.7		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	25.295		20-120		63	SPK: -40
4165-62-2	Phenol-d5	31.173		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.375		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.449		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	29.916		10-140		75	SPK: -40
4165-60-0	Nitrobenzene-d5	30.843		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.18		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.177		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.323		1-145		68	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.821		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	32.678		15-120		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.875		10-150		75	SPK: -40
81103-79-9	Fluorene-d10	31.867		20-140		80	SPK: -40



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

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SLCS089	SDG No.:	BG072324
Lab Sample ID:	PB162089BS	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
BG062195.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.218		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	31.105		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	35.184		10-130		88	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.095		10-140		88	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	41002	8.069				
1146-65-2	Naphthalene-d8	174909	10.883				
15067-26-2	Acenaphthene-d10	143554	14.696				
1517-22-2	Phenanthrene-d10	357748	17.439				
1719-03-5	Chrysene-d12	320380	21.71				
1520-96-3	Perylene-d12	344413	24.941				
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:	YDZD0	SDG No.:	BG072324
Lab Sample ID:	P3244-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062196.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.8		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	93		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	100	E	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	29		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	21		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	71		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	94	E	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD0	SDG No.:	BG072324
Lab Sample ID:	P3244-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062196.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	J	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.7	J	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	1	J	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD0	SDG No.:	BG072324
Lab Sample ID:	P3244-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062196.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.016		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	10.25		20-120		26	SPK: -40
4165-62-2	Phenol-d5	5.841		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.437		25-120		26	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.766		20-130		32	SPK: -40
190780-66-6	4-Methylphenol-d8	11.921		25-125		30	SPK: -40
4165-60-0	Nitrobenzene-d5	11.049		20-125		28	SPK: -40
93951-78-1	2-Nitrophenol-d4	10.549		20-130		26	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.046		20-120		33	SPK: -40
191656-33-4	4-Chloroaniline-d4	2.547		1-146		6	SPK: -40
85448-30-2	Dimethylphthalate-d6	10.101		25-130		25	SPK: -40
93951-97-4	Acenaphthylene-d8	10.496		10-130		26	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.188		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	10.738		25-125		27	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:	YDZD0	SDG No.:	BG072324
Lab Sample ID:	P3244-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062196.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.822		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	11.412		25-130		29	SPK: -40
1718-52-1	Pyrene-d10	12.234		15-130		31	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.695		20-130		29	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47680	8.066				
1146-65-2	Naphthalene-d8	194043	10.885				
15067-26-2	Acenaphthene-d10	158082	14.698				
1517-22-2	Phenanthrene-d10	363559	17.441				
1719-03-5	Chrysene-d12	343761	21.706				
1520-96-3	Perylene-d12	373012	24.949				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-11-2	2-Pentanol, 4-methyl-	52	J			4.03	
000108-38-3	Benzene, 1,3-dimethyl-	38	J			5.687	
000108-93-0	Cyclohexanol	18	J			5.939	
000620-14-4	Benzene, 1-ethyl-3-methyl-	20	J			7.137	
000526-73-8	Benzene, 1,2,3-trimethyl-	35	J			7.707	
000470-82-6	Eucalyptol	23	J			8.365	
000105-05-5	Benzene, 1,4-diethyl-	17	J			8.694	
001074-55-1	Benzene, 1-methyl-4-propyl-	16	J			8.859	
001195-79-5	Fenchone	38	J			9.311	
000576-26-1	Phenol, 2,6-dimethyl-	27	J			9.505	
000090-00-6	Phenol, 2-ethyl-	13	J			9.857	
000498-81-7	Cyclohexanemethanol, .alpha...alph	96	J			10.245	
000464-49-3	(+)-2-Bornanone	95	J			10.292	
000108-68-9	Phenol, 3,5-dimethyl-	51	J			10.374	
000095-65-8	Phenol, 3,4-dimethyl-	25	J			10.762	
000769-57-3	Benzene, (1,2-dimethyl-1-propenyl)	18	J			11.778	
000575-43-9	Naphthalene, 1,6-dimethyl-	19	J			14.016	

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:	YDZD0	SDG No.:	BG072324
Lab Sample ID:	P3244-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062196.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000098-73-7	Benzoic acid, p-tert-butyl-	17	J			14.569	
001453-06-1	Benzenebutanoic acid, 2,5-dimethyl	23	J			15.25	
000134-62-3	Diethyltoluamide	29	J			15.444	
	unknown-01	12	J			16.419	
000140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	28	J			16.513	
	unknown-02	51	J			16.572	
024518-48-7	4-(7-Methyloctyl)phenol	32	J			16.636	
000537-92-8	Acetamide, N-(3-methylphenyl)-	16	J			16.677	
1000368-71-4	Acetic acid, (2-bromophenyl)methyl	29	J			16.836	
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	25	J			16.901	
1000190-22-3	1-(2,6-Dimethyl-4-propoxyphenyl)pr	13	J			16.936	
	unknown-03	16	J			16.971	
000098-54-4	Phenol, p-tert-butyl-	11	J			18.281	
E966796	Total Alkanes	0.99	U			99	ug/L

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:	YDZD2	SDG No.:	BG072324
Lab Sample ID:	P3244-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062197.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	7.1		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	120		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	13		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	96	E	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	44		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	18		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	110	E	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	120	E	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD2	SDG No.:	BG072324
Lab Sample ID:	P3244-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062197.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.6	J	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.5	J	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	1	J	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	4.4	J	2.5	5	10	ug/L
85-01-8	Phenanthrene	2.5	J	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	2.2	J	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	2.3	J	0.65	5	5	ug/L

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:	YDZD2	SDG No.:	BG072324
Lab Sample ID:	P3244-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062197.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	2.1	J	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.256		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	6.673	*	20-120		17	SPK: -40
4165-62-2	Phenol-d5	5.463		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.118		25-120		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.248		20-130		36	SPK: -40
190780-66-6	4-Methylphenol-d8	11.429		25-125		29	SPK: -40
4165-60-0	Nitrobenzene-d5	13.633		20-125		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.385		20-130		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.068		20-120		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.175		1-146		8	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.985		25-130		32	SPK: -40
93951-97-4	Acenaphthylene-d8	14.038		10-130		35	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.64		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	13.835		25-125		35	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:	YDZD2	SDG No.:	BG072324
Lab Sample ID:	P3244-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062197.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.602		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	14.221		25-130		36	SPK: -40
1718-52-1	Pyrene-d10	15.443		15-130		39	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.78		20-130		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49782	8.069				
1146-65-2	Naphthalene-d8	215259	10.889				
15067-26-2	Acenaphthene-d10	169359	14.695				
1517-22-2	Phenanthrene-d10	403860	17.444				
1719-03-5	Chrysene-d12	370964	21.709				
1520-96-3	Perylene-d12	411725	24.952				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-11-2	2-Pentanol, 4-methyl-	23	J			4.033	
001757-42-2	Cyclopentanone, 3-methyl-	18	J			5.355	
000928-94-9	2-Hexen-1-ol, (Z)-	26	J			5.942	
000620-14-4	Benzene, 1-ethyl-3-methyl-	39	J			7.141	
000526-73-8	Benzene, 1,2,3-trimethyl-	18	J			7.199	
000622-96-8	Benzene, 1-ethyl-4-methyl-	25	J			7.446	
000470-82-6	Eucalyptol	160	J			8.368	
006052-63-7	Benzeneethanol, .beta.-ethenyl-	24	J			8.439	
	unknown-01	20	J			8.697	
001195-79-5	Fenchone	180	J			9.314	
001632-73-1	Fenchol	29	J			9.79	
000498-81-7	Cyclohexanemethanol, .alpha...alph	640	J			10.272	
000464-49-3	(+)-2-Bornanone	220	J			10.307	
000108-68-9	Phenol, 3,5-dimethyl-	46	J			10.378	
003761-94-2	1-Methylcycloheptanol	16	J			10.436	
000507-70-0	endo-Borneol	26	J			10.665	
000095-65-8	Phenol, 3,4-dimethyl-	22	J			10.765	

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:	YDZD2	SDG No.:	BG072324
Lab Sample ID:	P3244-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062197.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-02	38	J			11.247	
000698-71-5	Phenol, 3-ethyl-5-methyl-	27	J			11.723	
000876-02-8	4-Hydroxy-3-methylacetophenone	55	J			13.127	
000591-35-5	Phenol, 3,5-dichloro-	35	J			13.45	
000581-40-8	Naphthalene, 2,3-dimethyl-	44	J			13.879	
000575-41-7	Naphthalene, 1,3-dimethyl-	25	J			14.02	
000134-62-3	Diethyltoluamide	39	J			15.453	
002446-69-7	Phenol, 4-hexyl-	23	J			15.529	
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	28	J			16.516	
006652-28-4	Ethanone, 2-(1-methylethoxy)-1,2-d	58	J			16.575	
024518-48-7	4-(7-Methyloctyl)phenol	40	J			16.64	
000120-66-1	Acetamide, N-(2-methylphenyl)-	34	J			16.839	
000140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	26	J			16.904	
E966796	Total Alkanes	0.99	U			99	ug/L

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:	YDZD4	SDG No.:	BG072324
Lab Sample ID:	P3244-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062198.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	24		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	3.5	J	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	3.2	J	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	120	E	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	74		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	23		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	200	E	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	270	E	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD4	SDG No.:	BG072324
Lab Sample ID:	P3244-03	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
BG062198.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4.3	J	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	3.7	J	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	2.6	J	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	3.3	J	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	4.7	J	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	2.9	J	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	1.5	J	0.65	5	5	ug/L

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:	YDZD4	SDG No.:	BG072324
Lab Sample ID:	P3244-03	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
BG062198.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.3	J	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.474		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	12.345		20-120		31	SPK: -40
4165-62-2	Phenol-d5	5.504		10-130		14	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.507		25-120		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.716		20-130		42	SPK: -40
190780-66-6	4-Methylphenol-d8	11.528		25-125		29	SPK: -40
4165-60-0	Nitrobenzene-d5	22.033		20-125		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.476		20-130		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.101		20-120		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.76		1-146		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.841		25-130		52	SPK: -40
93951-97-4	Acenaphthylene-d8	22.158		10-130		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.162		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	20.942		25-125		52	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:	YDZD4	SDG No.:	BG072324
Lab Sample ID:	P3244-03	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
BG062198.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.33		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	22.203		25-130		56	SPK: -40
1718-52-1	Pyrene-d10	23.075		15-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.208		20-130		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	48590	8.073				
1146-65-2	Naphthalene-d8	194368	10.887				
15067-26-2	Acenaphthene-d10	151071	14.7				
1517-22-2	Phenanthrene-d10	357703	17.449				
1719-03-5	Chrysene-d12	348364	21.708				
1520-96-3	Perylene-d12	383713	24.95				
TENTATIVE IDENTIFIED COMPOUNDS							
000611-14-3	Benzene, 1-ethyl-2-methyl-	30	J			7.145	
000622-96-8	Benzene, 1-ethyl-4-methyl-	25	J			7.445	
000526-73-8	Benzene, 1,2,3-trimethyl-	61	J			8.185	
000470-82-6	Eucalyptol	24	J			8.367	
001195-79-5	Fenchone	88	J			9.319	
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	27	J			9.507	
000144-19-4	1,3-Pentanediol, 2,2,4-trimethyl-	45	J			10.217	
007322-63-6	Cyclohexanemethanol, .alpha.,.alph	520	J			10.276	
000464-49-3	(+)-2-Bornanone	640	J			10.317	
000108-68-9	Phenol, 3,5-dimethyl-	110	J			10.394	
000577-16-2	Ethanone, 1-(2-methylphenyl)-	55	J			10.588	
000095-65-8	Phenol, 3,4-dimethyl-	35	J			10.781	
	unknown-01	26	J			11.187	
	unknown-02	71	J			11.251	
	unknown-03	140	J			11.404	
	(DEL) Alkane: Straight-Chain	37	J			11.527	
003855-26-3	Phenol, 2-ethyl-4-methyl-	33	J			11.739	

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:	YDZD4	SDG No.:	BG072324
Lab Sample ID:	P3244-03	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
BG062198.D	1	7/16/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
053172-84-2	Benzene, (1-methyl-1-butenyl)-	38	J			11.98	
035587-60-1	1-Methylindan-2-one	26	J			12.608	
	unknown-04	30	J			13.16	
000581-42-0	Naphthalene, 2,6-dimethyl-	43	J			13.883	
000582-16-1	Naphthalene, 2,7-dimethyl-	39	J			14.024	
	(DEL) Alkane: Straight-Chain14.564	9.1	J			14.564	
	unknown-05	33	J			14.917	
000134-62-3	Diethyltoluamide	83	J			15.446	
1000384-80-3	4-(1,1-Dimethylheptyl)phenol	42	J			16.521	
936095-07-7	1-(Isocyanatomethyl)-4-propoxybenz	81	J			16.579	
024518-48-7	4-(7-Methyloctyl)phenol	58	J			16.644	
	unknown-06	24	J			16.685	
	unknown-07	110	J			16.85	
000140-66-9	Phenol, 4-(1,1,3,3-tetramethylbuty	33	J			16.908	
051110-60-2	2-Methyl-4-hydroxybenzoxazole	30	J			16.985	
E966796	Total Alkanes	46				99	ug/L

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:	YDZD5	SDG No.:	BG072324
Lab Sample ID:	P3244-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062199.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	6.6		1.2	0.51	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5.1	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10.1	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5.1	ug/L
95-48-7	2-Methylphenol	12		0.83	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5.1	10	ug/L
98-86-2	Acetophenone	0.9	U	0.9	5.1	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.5	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	43		1.1	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.94	U	0.94	2.5	5.1	ug/L
91-20-3	Naphthalene	32		0.71	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.99	U	0.99	2.5	5.1	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	7.8		2	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	140	E	1	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	200	E	1.6	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.82	U	0.82	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.81	U	0.81	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD5	SDG No.:	BG072324
Lab Sample ID:	P3244-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062199.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	J	1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5.1	10	ug/L
83-32-9	Acenaphthene	1.5	J	1.1	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.88	U	0.88	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	0.88	U	0.88	2.5	5.1	ug/L
86-73-7	Fluorene	0.88	U	0.88	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.97	U	0.97	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.72	U	0.72	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.91	U	0.91	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.5	5.1	ug/L
1912-24-9	Atrazine	0.97	U	0.97	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5.1	10	ug/L
85-01-8	Phenanthrene	1.4	J	0.98	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.93	U	0.93	2.5	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.82	U	0.82	2.5	5.1	ug/L
206-44-0	Fluoranthene	0.66	U	0.66	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	YDZD5	SDG No.:	BG072324
Lab Sample ID:	P3244-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062199.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.98	U	0.98	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	0.57	U	0.57	2.5	5.1	ug/L
218-01-9	Chrysene	0.76	U	0.76	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.88	U	0.88	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.792		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	9.648		20-120		24	SPK: -40
4165-62-2	Phenol-d5	3.842		10-130		10	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.393		25-120		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	10.456		20-130		26	SPK: -40
190780-66-6	4-Methylphenol-d8	9.26	*	25-125		23	SPK: -40
4165-60-0	Nitrobenzene-d5	18.272		20-125		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.71		20-130		29	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.062		20-120		33	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.523		1-146		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.555		25-130		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.894		10-130		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.397		10-150		18	SPK: -40
81103-79-9	Fluorene-d10	19.049		25-125		48	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:	YDZD5	SDG No.:	BG072324
Lab Sample ID:	P3244-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062199.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.16	*	10-130		5	SPK: -40
1719-06-8	Anthracene-d10	19.795		25-130		49	SPK: -40
1718-52-1	Pyrene-d10	20.785		15-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.204		20-130		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47265	8.07				
1146-65-2	Naphthalene-d8	188969	10.884				
15067-26-2	Acenaphthene-d10	155082	14.696				
1517-22-2	Phenanthrene-d10	375805	17.446				
1719-03-5	Chrysene-d12	353392	21.705				
1520-96-3	Perylene-d12	385886	24.941				
TENTATIVE IDENTIFIED COMPOUNDS							
000108-38-3	Benzene, 1,3-dimethyl-	32	J			5.685	
000620-14-4	Benzene, 1-ethyl-3-methyl-	21	J			7.142	
000622-96-8	Benzene, 1-ethyl-4-methyl-	12	J			7.201	
000526-73-8	Benzene, 1,2,3-trimethyl-	16	J			7.447	
000470-82-6	Eucalyptol	38	J			8.364	
000460-01-5	2,6-Dimethyl-1,3,5,7-octatetraene,	32	J			8.693	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	18	J			9.169	
001195-79-5	Fenchone	71	J			9.31	
	(DEL) Alkane: Cyclic9.891	5.1	J			9.891	
007322-63-6	Cyclohexanemethanol, .alpha.,.alph	110	J			10.249	
000464-48-2	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	60	J			10.297	
000108-68-9	Phenol, 3,5-dimethyl-	25	J			10.379	
000095-65-8	Phenol, 3,4-dimethyl-	15	J			10.767	
	unknown-01	16	J			11.242	
000582-16-1	Naphthalene, 2,7-dimethyl-	17	J			13.856	
000575-41-7	Naphthalene, 1,3-dimethyl-	28	J			14.021	
000575-43-9	Naphthalene, 1,6-dimethyl-	11	J			14.256	

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:	YDZD5	SDG No.:	BG072324
Lab Sample ID:	P3244-04	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062199.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000134-62-3	Diethyltoluamide	36	J			15.454	
1000395-18-7	2-Propylphenol, isopropyl ether	14	J			15.525	
001008-91-9	1-(4-Pyridinyl)piperazine	29	J			16.424	
003884-95-5	Phenol, 2-(1,1,3,3-tetramethylbuty	60	J			16.517	
	unknown-02	120	J			16.576	
024518-48-7	4-(7-Methyloctyl)phenol	83	J			16.635	
000537-92-8	Acetamide, N-(3-methylphenyl)-	38	J			16.682	
	unknown-03	26	J			16.729	
1000365-31-7	Hexestrol, O-trifluoroacetyl-	18	J			16.758	
	unknown-04	16	J			16.782	
000120-66-1	Acetamide, N-(2-methylphenyl)-	69	J			16.841	
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	54	J			16.905	
936095-07-7	1-(Isocyanatomethyl)-4-propoxybenz	29	J			16.941	
	unknown-05	36	J			16.976	
E966796	Total Alkanes	5.1				99	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZF1	SDG No.:	BG072324
Lab Sample ID:	P3244-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062200.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.51	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5.1	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10.2	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.6	5.1	ug/L
95-48-7	2-Methylphenol	0.84	U	0.84	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5.1	10	ug/L
98-86-2	Acetophenone	0.91	U	0.91	5.1	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.6	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.95	U	0.95	2.6	5.1	ug/L
91-20-3	Naphthalene	0.71	U	0.71	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1	U	1	2.6	5.1	ug/L
105-60-2	Caprolactam	3	U	3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	72		1	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	33		1.6	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.83	U	0.83	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.82	U	0.82	2.6	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZF1	SDG No.:	BG072324
Lab Sample ID:	P3244-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062200.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1	U	1	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5.1	10	ug/L
83-32-9	Acenaphthene	1.3	J	1.1	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.9	U	2.9	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.89	U	0.89	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.6	5.1	ug/L
84-66-2	Diethylphthalate	0.89	U	0.89	2.6	5.1	ug/L
86-73-7	Fluorene	0.89	U	0.89	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	2.6	5.1	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.72	U	0.72	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.92	U	0.92	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.6	5.1	ug/L
1912-24-9	Atrazine	0.98	U	0.98	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	5.1	10	ug/L
85-01-8	Phenanthrene	0.99	U	0.99	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.6	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.94	U	0.94	2.6	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.83	U	0.83	2.6	5.1	ug/L
206-44-0	Fluoranthene	0.66	U	0.66	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZF1	SDG No.:	BG072324
Lab Sample ID:	P3244-06	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
BG062200.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.99	U	0.99	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	0.57	U	0.57	2.6	5.1	ug/L
218-01-9	Chrysene	0.77	U	0.77	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.89	U	0.89	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.426		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	9.103		20-120		23	SPK: -40
4165-62-2	Phenol-d5	10.059		10-130		25	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.316		25-120		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.886		20-130		60	SPK: -40
190780-66-6	4-Methylphenol-d8	20.335		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	24.821		20-125		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.538		20-130		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.803		20-120		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.277		1-146		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.579		25-130		59	SPK: -40
93951-97-4	Acenaphthylene-d8	24.701		10-130		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.48		10-150		14	SPK: -40
81103-79-9	Fluorene-d10	24.446		25-125		61	SPK: -40

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZF1	SDG No.:	BG072324
Lab Sample ID:	P3244-06	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
BG062200.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.521		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	27.544		25-130		69	SPK: -40
1718-52-1	Pyrene-d10	29.459		15-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.392		20-130		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	42381	8.065				
1146-65-2	Naphthalene-d8	182123	10.885				
15067-26-2	Acenaphthene-d10	148943	14.697				
1517-22-2	Phenanthrene-d10	351192	17.441				
1719-03-5	Chrysene-d12	333025	21.7				
1520-96-3	Perylene-d12	348877	24.937				
TENTATIVE IDENTIFIED COMPOUNDS							
000103-65-1	Benzene, propyl-	4.1	J			7.031	
000620-14-4	Benzene, 1-ethyl-3-methyl-	2.3	J			7.196	
002085-88-3	Oxirane, 2-methyl-2-phenyl-	3.8	J			7.954	
000526-73-8	Benzene, 1,2,3-trimethyl-	3	J			8.177	
000496-11-7	Indane	4.9	J			8.435	
097631-68-0	Bicyclo[3.1.0]hex-3-en-2-ol, 2-met	2.7	J			8.7	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	9.8	J			9.17	
056253-64-6	Benzene, (2-methyl-1-butenyl)-	2.2	J			9.51	
000527-53-7	Benzene, 1,2,3,5-tetramethyl-	2.9	J			9.692	
	unknown-01	2.1	J			10.057	
001005-64-7	(E)-1-Phenyl-1-butene	9.1	J			10.268	
001559-81-5	Naphthalene, 1,2,3,4-tetrahydro-1-	2.3	J			11.778	
027087-54-3	Bicyclo[4.2.0]octa-1,3,5-triene, 7	2.1	J			12.254	
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	2.5	J			12.412	
	(DEL) Alkane: Straight-Chain13.493	2.9	J			13.493	
000575-43-9	Naphthalene, 1,6-dimethyl-	4.2	J			13.857	
000575-41-7	Naphthalene, 1,3-dimethyl-	9.7	J			14.016	



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

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZF1	SDG No.:	BG072324
Lab Sample ID:	P3244-06	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062200.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000581-40-8	Naphthalene, 2,3-dimethyl-	3.9	J			14.251	
071042-74-5	4-Indancarboxylic acid, 7-methyl-	5.4	J			16.072	
1000487-68-4	Hexestrol, O-isopropylloxycarbonyl-	2.6	J			16.513	
000120-66-1	Acetamide, N-(2-methylphenyl)-	5.1	J			16.566	
1000384-80-3	4-(1,1-Dimethylheptyl)phenol	3.6	J			16.63	
006652-28-4	Ethanone, 2-(1-methylethoxy)-1,2-d	3.9	J			16.83	
024518-48-7	4-(7-Methyloctyl)phenol	2.1	J			16.895	
062951-96-6	1,5,9-Undecatriene, 2,6,10-trimeth	3.1	J			23.351	
E966796	Total Alkanes	2.9				99	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZF2	SDG No.:	BG072324
Lab Sample ID:	P3244-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062201.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	25		1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZF2	SDG No.:	BG072324
Lab Sample ID:	P3244-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062201.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZF2	SDG No.:	BG072324
Lab Sample ID:	P3244-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062201.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.773		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	10.586		20-120		26	SPK: -40
4165-62-2	Phenol-d5	10.749		10-130		27	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.845		25-120		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.905		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	21.703		25-125		54	SPK: -40
4165-60-0	Nitrobenzene-d5	24.126		20-125		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.11		20-130		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.125		20-120		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.138		1-146		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.92		25-130		62	SPK: -40
93951-97-4	Acenaphthylene-d8	26.636		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.982		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	25.943		25-125		65	SPK: -40

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZF2	SDG No.:	BG072324
Lab Sample ID:	P3244-07	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062201.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.932		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	27.818		25-130		70	SPK: -40
1718-52-1	Pyrene-d10	29.571		15-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.898		20-130		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47934	8.064				
1146-65-2	Naphthalene-d8	202317	10.884				
15067-26-2	Acenaphthene-d10	159615	14.696				
1517-22-2	Phenanthrene-d10	371399	17.44				
1719-03-5	Chrysene-d12	353617	21.704				
1520-96-3	Perylene-d12	383972	24.941				
TENTATIVE IDENTIFIED COMPOUNDS							
002516-93-0	Butoxyacetic acid	22	J			9.069	
005870-63-3	2-Cyclopenten-1-one,3-hydroxy-2-me	2	J			9.903	
000585-34-2	Phenol, m-tert-butyl-	7.2	J			12.217	
	unknown-01	2.1	J			12.482	
	unknown-02	5.6	J			13.128	
	unknown-03	3.6	J			13.386	
000098-54-4	Phenol, p-tert-butyl-	18	J			15.155	
000134-62-3	Diethyltoluamide	12	J			15.431	
000088-18-6	Phenol, 2-(1,1-dimethylethyl)-	4.5	J			16.077	
000934-34-9	2(3H)-Benzothiazolone	5.2	J			16.406	
	unknown-04	6.1	J			16.911	
003622-84-2	Benzenesulfonamide, N-butyl-	63	J			17.263	
E966796	Total Alkanes	0.99	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZF9	SDG No.:	BG072324
Lab Sample ID:	P3244-08	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
BG062202.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.51	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5.1	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10.2	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.6	5.1	ug/L
95-48-7	2-Methylphenol	0.84	U	0.84	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5.1	10	ug/L
98-86-2	Acetophenone	0.91	U	0.91	5.1	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.6	5.1	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.6	5.1	ug/L
98-95-3	Nitrobenzene	1	U	1	2.6	5.1	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.6	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.6	5.1	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.6	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.6	5.1	ug/L
120-83-2	2,4-Dichlorophenol	0.95	U	0.95	2.6	5.1	ug/L
91-20-3	Naphthalene	0.71	U	0.71	2.6	5.1	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.6	10	ug/L
87-68-3	Hexachlorobutadiene	1	U	1	2.6	5.1	ug/L
105-60-2	Caprolactam	3	U	3	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.6	5.1	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.6	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.6	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.2	U	3.2	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.83	U	0.83	2.6	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	0.82	U	0.82	2.6	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZF9	SDG No.:	BG072324
Lab Sample ID:	P3244-08	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
BG062202.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1	U	1	2.6	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.6	5.1	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.6	5.1	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.6	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.6	5.1	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.6	5.1	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5.1	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.6	5.1	ug/L
51-28-5	2,4-Dinitrophenol	2.9	U	2.9	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	0.89	U	0.89	2.6	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.6	5.1	ug/L
84-66-2	Diethylphthalate	0.89	U	0.89	2.6	5.1	ug/L
86-73-7	Fluorene	0.89	U	0.89	2.6	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.98	U	0.98	2.6	5.1	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.72	U	0.72	2.6	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.92	U	0.92	2.6	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.6	5.1	ug/L
118-74-1	Hexachlorobenzene	0.57	U	0.57	2.6	5.1	ug/L
1912-24-9	Atrazine	0.98	U	0.98	5.1	10	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	5.1	10	ug/L
85-01-8	Phenanthrene	0.99	U	0.99	2.6	5.1	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.6	5.1	ug/L
120-12-7	Anthracene	0.73	U	0.73	2.6	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.94	U	0.94	2.6	5.1	ug/L
86-74-8	Carbazole	1	U	1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	0.83	U	0.83	2.6	5.1	ug/L
206-44-0	Fluoranthene	0.66	U	0.66	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZF9	SDG No.:	BG072324
Lab Sample ID:	P3244-08	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
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
BG062202.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.54	U	0.54	2.6	5.1	ug/L
85-68-7	Butylbenzylphthalate	0.99	U	0.99	2.6	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	0.57	U	0.57	2.6	5.1	ug/L
218-01-9	Chrysene	0.77	U	0.77	2.6	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.89	U	0.89	2.6	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.6	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.6	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.6	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.6	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.2	U	1.2	2.6	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.6	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.6	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.268		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	9.942		20-120		25	SPK: -40
4165-62-2	Phenol-d5	8.981		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.948		25-120		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.593		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	20.406		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	24.614		20-125		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.626		20-130		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.767		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.221		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.501		25-130		66	SPK: -40
93951-97-4	Acenaphthylene-d8	26.91		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.373		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	26.982		25-125		67	SPK: -40



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

Report of Analysis

Client:		Date Collected:	7/12/2024 12:00:00 AM
Project:		Date Received:	7/12/2024 12:00:00 AM
Client Sample ID:	YDZF9	SDG No.:	BG072324
Lab Sample ID:	P3244-08	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	980	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BG062202.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162104

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.41		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	30.474		25-130		76	SPK: -40
1718-52-1	Pyrene-d10	31.964		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.685		20-130		82	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	39636	8.064				
1146-65-2	Naphthalene-d8	175583	10.884				
15067-26-2	Acenaphthene-d10	148363	14.696				
1517-22-2	Phenanthrene-d10	356121	17.439				
1719-03-5	Chrysene-d12	334627	21.704				
1520-96-3	Perylene-d12	352802	24.941				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SLCS100	SDG No.:	BG072324
Lab Sample ID:	PB162100BS	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
BG062203.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	8.1		1.2	0.5	2	ug/L
110-86-1	Pyridine	24		2.2	10	10	ug/L
100-52-7	Benzaldehyde	24		2.3	5	10	ug/L
108-95-2	Phenol	27		1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	25		1.3	5	10	ug/L
95-57-8	2-Chlorophenol	26		1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	27		0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	26		1.2	5	10	ug/L
98-86-2	Acetophenone	25		0.89	5	10	ug/L
106-44-5	4-Methylphenol	27		1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	24		1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	26		1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	24		0.99	2.5	5	ug/L
78-59-1	Isophorone	23		1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	25		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	22		1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	24		1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	27		0.93	2.5	5	ug/L
91-20-3	Naphthalene	26		0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	21		1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	26		0.98	2.5	5	ug/L
105-60-2	Caprolactam	24		2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	27		2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	25		1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	26		1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	9.5	J	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	25		0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	24		0.8	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SLCS100	SDG No.:	BG072324
Lab Sample ID:	PB162100BS	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
BG062203.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	27		0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	26		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	26		1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	24		1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	26		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	26		1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	28		1.5	5	10	ug/L
83-32-9	Acenaphthene	26		1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	18		1.4	5	10	ug/L
132-64-9	Dibenzofuran	26		0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	24		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	24		0.87	2.5	5	ug/L
86-73-7	Fluorene	25		0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	26		0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	28		1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	16		1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	28		0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	27		0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	29		1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	27		0.56	2.5	5	ug/L
1912-24-9	Atrazine	4	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	27		0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	30		1.2	2.5	5	ug/L
120-12-7	Anthracene	26		0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	32		0.92	2.5	5	ug/L
86-74-8	Carbazole	27		1	5	10	ug/L
84-74-2	Di-n-butylphthalate	26		0.81	2.5	5	ug/L
206-44-0	Fluoranthene	28		0.65	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SLCS100	SDG No.:	BG072324
Lab Sample ID:	PB162100BS	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
BG062203.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	28		0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	28		0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	30		1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	27		0.56	2.5	5	ug/L
218-01-9	Chrysene	27		0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	27		0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	28		1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	28		1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	28		1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	26		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	28		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	28		1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	27		1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	15		1	2.5	5	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	24.768		20-120		62	SPK: -40
17647-74-4	1,4-Dioxane-d8	5.434		15-120		68	SPK: -8
4165-62-2	Phenol-d5	26.747		10-130		67	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.144		25-120		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.718		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	25.865		25-125		65	SPK: -40
4165-60-0	Nitrobenzene-d5	24.658		20-125		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.569		20-130		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.754		20-120		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.457		1-146		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.926		25-130		60	SPK: -40
93951-97-4	Acenaphthylene-d8	25.926		10-130		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.299		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	25.497		25-125		64	SPK: -40



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

Report of Analysis

Client:		Date Collected:	7/16/2024 12:00:00 AM
Project:		Date Received:	7/16/2024 12:00:00 AM
Client Sample ID:	SLCS100	SDG No.:	BG072324
Lab Sample ID:	PB162100BS	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
BG062203.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162100

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.798		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	26.227		25-130		66	SPK: -40
1718-52-1	Pyrene-d10	28.045		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.534		20-130		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	43933	8.069				
1146-65-2	Naphthalene-d8	195246	10.877				
15067-26-2	Acenaphthene-d10	166102	14.696				
1517-22-2	Phenanthrene-d10	404104	17.439				
1719-03-5	Chrysene-d12	382047	21.704				
1520-96-3	Perylene-d12	396780	24.947				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L



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

Hit Summary Sheet SW-846

SDG No.: BG072324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : YDZD0								
P3244-01	YDZD0	Water	(+)-2-Bornanone	*	95.000	J		
P3244-01	YDZD0	Water	1-(2,6-Dimethyl-4-propoxyphenyl)	*	13.000	J		
P3244-01	YDZD0	Water	2-Pentanol, 4-methyl-	*	52.000	J		
P3244-01	YDZD0	Water	4-(7-Methyloctyl)phenol	*	32.000	J		
P3244-01	YDZD0	Water	Acetamide, N-(3-methylphenyl)-	*	16.000	J		
P3244-01	YDZD0	Water	Acetic acid, (2-bromophenyl)meth	*	29.000	J		
P3244-01	YDZD0	Water	Benzene, (1,2-dimethyl-1-propenyl)	*	18.000	J		
P3244-01	YDZD0	Water	Benzene, 1,2,3-trimethyl-	*	35.000	J		
P3244-01	YDZD0	Water	Benzene, 1,3-dimethyl-	*	38.000	J		
P3244-01	YDZD0	Water	Benzene, 1,4-diethyl-	*	17.000	J		
P3244-01	YDZD0	Water	Benzene, 1-ethyl-3-methyl-	*	20.000	J		
P3244-01	YDZD0	Water	Benzene, 1-methyl-4-propyl-	*	16.000	J		
P3244-01	YDZD0	Water	Benzenecarboxylic acid, 2,5-dimethyl-	*	23.000	J		
P3244-01	YDZD0	Water	Benzoic acid, p-tert-butyl-	*	17.000	J		
P3244-01	YDZD0	Water	Cyclohexanemethanol, alpha.,alpha.	*	96.000	J		
P3244-01	YDZD0	Water	Cyclohexanol	*	18.000	J		
P3244-01	YDZD0	Water	Diethyltoluamide	*	29.000	J		
P3244-01	YDZD0	Water	Eucalyptol	*	23.000	J		
P3244-01	YDZD0	Water	Fenchone	*	38.000	J		
P3244-01	YDZD0	Water	Naphthalene, 1,6-dimethyl-	*	19.000	J		
P3244-01	YDZD0	Water	Phenol, 2,6-dimethyl-	*	27.000	J		
P3244-01	YDZD0	Water	Phenol, 2-ethyl-	*	13.000	J		
P3244-01	YDZD0	Water	Phenol, 3,4-dimethyl-	*	25.000	J		
P3244-01	YDZD0	Water	Phenol, 3,5-dimethyl-	*	51.000	J		
P3244-01	YDZD0	Water	Phenol, 4-(1,1,3,3-tetramethylbutyl)	*	28.000	J		
P3244-01	YDZD0	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	25.000	J		
P3244-01	YDZD0	Water	Phenol, p-tert-butyl-	*	11.000	J		
P3244-01	YDZD0	Water	unknown-01	*	12.000	J		
P3244-01	YDZD0	Water	unknown-02	*	51.000	J		
P3244-01	YDZD0	Water	unknown-03	*	16.000	J		
P3244-01	YDZD0	Water	Total Alkanes	*	0.000	0.99	5	ug/L
Total Tics :				903.00				
P3244-01	YDZD0	Water	1,1-Biphenyl		1.100	J 0.99	5	ug/L
P3244-01	YDZD0	Water	1,4-Dioxane		3.800	1.2	2	ug/L
P3244-01	YDZD0	Water	1-Methylnaphthalene		71.000	1	5	ug/L
P3244-01	YDZD0	Water	2,4-Dimethylphenol		100.000	E 1.1	5	ug/L
P3244-01	YDZD0	Water	2-Methylnaphthalene		94.000	E 1.6	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BG072324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3244-01	YDZD0	Water	2-Methylphenol	93.000		0.82	10	ug/L
P3244-01	YDZD0	Water	4-Chloro-3-methylphenol	21.000		2	5	ug/L
P3244-01	YDZD0	Water	Acenaphthene	1.700	J	1.1	5	ug/L
P3244-01	YDZD0	Water	Naphthalene	29.000		0.7	5	ug/L
P3244-01	YDZD0	Water	Phenanthrene	1.000	J	0.97	5	ug/L
Total Svoc :				415.60				
Total Concentration:				1,318.60				

Client ID : YDZD2

P3244-02	YDZD2	Water	(+)-2-Bornanone	*	220.000	J		
P3244-02	YDZD2	Water	1-Methylcycloheptanol	*	16.000	J		
P3244-02	YDZD2	Water	2-Hexen-1-ol, (Z)-	*	26.000	J		
P3244-02	YDZD2	Water	2-Pentanol, 4-methyl-	*	23.000	J		
P3244-02	YDZD2	Water	4-(7-Methyloctyl)phenol	*	40.000	J		
P3244-02	YDZD2	Water	4-Hydroxy-3-methylacetophenone	*	55.000	J		
P3244-02	YDZD2	Water	Acetamide, N-(2-methylphenyl)-	*	34.000	J		
P3244-02	YDZD2	Water	Benzene, 1,2,3-trimethyl-	*	18.000	J		
P3244-02	YDZD2	Water	Benzene, 1-ethyl-3-methyl-	*	39.000	J		
P3244-02	YDZD2	Water	Benzene, 1-ethyl-4-methyl-	*	25.000	J		
P3244-02	YDZD2	Water	Benzeneethanol, .beta.-ethenyl-	*	24.000	J		
P3244-02	YDZD2	Water	Cyclohexanemethanol, .alpha.,.alp	*	640.000	J		
P3244-02	YDZD2	Water	Cyclopentanone, 3-methyl-	*	18.000	J		
P3244-02	YDZD2	Water	Diethyltoluamide	*	39.000	J		
P3244-02	YDZD2	Water	endo-Borneol	*	26.000	J		
P3244-02	YDZD2	Water	Ethanone, 2-(1-methylethoxy)-1,2	*	58.000	J		
P3244-02	YDZD2	Water	Eucalyptol	*	160.000	J		
P3244-02	YDZD2	Water	Fenchol	*	29.000	J		
P3244-02	YDZD2	Water	Fenchone	*	180.000	J		
P3244-02	YDZD2	Water	Naphthalene, 1,3-dimethyl-	*	25.000	J		
P3244-02	YDZD2	Water	Naphthalene, 2,3-dimethyl-	*	44.000	J		
P3244-02	YDZD2	Water	Phenol, 3,4-dimethyl-	*	22.000	J		
P3244-02	YDZD2	Water	Phenol, 3,5-dichloro-	*	35.000	J		
P3244-02	YDZD2	Water	Phenol, 3,5-dimethyl-	*	46.000	J		
P3244-02	YDZD2	Water	Phenol, 3-ethyl-5-methyl-	*	27.000	J		
P3244-02	YDZD2	Water	Phenol, 4-(1,1,3,3-tetramethylbuty	*	26.000	J		
P3244-02	YDZD2	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	28.000	J		
P3244-02	YDZD2	Water	Phenol, 4-hexyl-	*	23.000	J		
P3244-02	YDZD2	Water	unknown-01	*	20.000	J		
P3244-02	YDZD2	Water	unknown-02	*	38.000	J		
P3244-02	YDZD2	Water	Total Alkanes	*	0.000	0.99	5	ug/L

Total Tics : 2,004.00

Hit Summary Sheet
SW-846

SDG No.: BG072324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3244-02	YDZD2	Water	1,1-Biphenyl	1.600	J	0.99	5	ug/L
P3244-02	YDZD2	Water	1,4-Dioxane	7.100		1.2	2	ug/L
P3244-02	YDZD2	Water	1-Methylnaphthalene	110.000	E	1	5	ug/L
P3244-02	YDZD2	Water	2,4-Dimethylphenol	96.000	E	1.1	5	ug/L
P3244-02	YDZD2	Water	2-Methylnaphthalene	120.000	E	1.6	5	ug/L
P3244-02	YDZD2	Water	2-Methylphenol	120.000		0.82	10	ug/L
P3244-02	YDZD2	Water	4-Chloro-3-methylphenol	18.000		2	5	ug/L
P3244-02	YDZD2	Water	4-Methylphenol	13.000		1.2	10	ug/L
P3244-02	YDZD2	Water	Acenaphthene	1.500	J	1.1	5	ug/L
P3244-02	YDZD2	Water	Carbazole	2.200	J	1	10	ug/L
P3244-02	YDZD2	Water	Fluoranthene	2.300	J	0.65	5	ug/L
P3244-02	YDZD2	Water	Fluorene	1.000	J	0.87	5	ug/L
P3244-02	YDZD2	Water	Naphthalene	44.000		0.7	5	ug/L
P3244-02	YDZD2	Water	Pentachlorophenol	4.400	J	2.5	10	ug/L
P3244-02	YDZD2	Water	Phenanthrene	2.500	J	0.97	5	ug/L
P3244-02	YDZD2	Water	Pyrene	2.100	J	0.53	5	ug/L
Total Svoc :				545.70				
Total Concentration:				2,549.70				

Client ID : YDZD4

P3244-03	YDZD4	Water	(+)-2-Bornanone	*	640.000	J		
P3244-03	YDZD4	Water	(DEL) Alkane: Straight-Chain11.5	*	37.000	J		
P3244-03	YDZD4	Water	(DEL) Alkane: Straight-Chain14.5	*	9.100	J		
P3244-03	YDZD4	Water	1,3-Pentanediol, 2,2,4-trimethyl-	*	45.000	J		
P3244-03	YDZD4	Water	1-(Isocyanatomethyl)-4-propoxyb	*	81.000	J		
P3244-03	YDZD4	Water	1-Methylindan-2-one	*	26.000	J		
P3244-03	YDZD4	Water	2-Methyl-4-hydroxybenzoxazole	*	30.000	J		
P3244-03	YDZD4	Water	4-(1,1-Dimethylheptyl)phenol	*	42.000	J		
P3244-03	YDZD4	Water	4-(7-Methyloctyl)phenol	*	58.000	J		
P3244-03	YDZD4	Water	Benzene, (1-methyl-1-butenyl)-	*	38.000	J		
P3244-03	YDZD4	Water	Benzene, 1,2,3-trimethyl-	*	61.000	J		
P3244-03	YDZD4	Water	Benzene, 1-ethyl-2,4-dimethyl-	*	27.000	J		
P3244-03	YDZD4	Water	Benzene, 1-ethyl-2-methyl-	*	30.000	J		
P3244-03	YDZD4	Water	Benzene, 1-ethyl-4-methyl-	*	25.000	J		
P3244-03	YDZD4	Water	Cyclohexanemethanol, .alpha.,.alpha.	*	520.000	J		
P3244-03	YDZD4	Water	Diethyltoluamide	*	83.000	J		
P3244-03	YDZD4	Water	Ethanone, 1-(2-methylphenyl)-	*	55.000	J		
P3244-03	YDZD4	Water	Eucalyptol	*	24.000	J		
P3244-03	YDZD4	Water	Fenchone	*	88.000	J		
P3244-03	YDZD4	Water	Naphthalene, 2,6-dimethyl-	*	43.000	J		
P3244-03	YDZD4	Water	Naphthalene, 2,7-dimethyl-	*	39.000	J		

Hit Summary Sheet SW-846

SDG No.: BG072324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3244-03	YDZD4	Water	Phenol, 2-ethyl-4-methyl-	*	33.000	J		
P3244-03	YDZD4	Water	Phenol, 3,4-dimethyl-	*	35.000	J		
P3244-03	YDZD4	Water	Phenol, 3,5-dimethyl-	*	110.000	J		
P3244-03	YDZD4	Water	Phenol, 4-(1,1,3,3-tetramethylbuty	*	33.000	J		
P3244-03	YDZD4	Water	unknown-01	*	26.000	J		
P3244-03	YDZD4	Water	unknown-02	*	71.000	J		
P3244-03	YDZD4	Water	unknown-03	*	140.000	J		
P3244-03	YDZD4	Water	unknown-04	*	30.000	J		
P3244-03	YDZD4	Water	unknown-05	*	33.000	J		
P3244-03	YDZD4	Water	unknown-06	*	24.000	J		
P3244-03	YDZD4	Water	unknown-07	*	110.000	J		
P3244-03	YDZD4	Water	Total Alkanes	*	46.000		0.99	5 ug/L
Total Tics :					2,692.10			
P3244-03	YDZD4	Water	1,1-Biphenyl		4.300	J	0.99	5 ug/L
P3244-03	YDZD4	Water	1,4-Dioxane		24.000		1.2	2 ug/L
P3244-03	YDZD4	Water	1-Methylnaphthalene		200.000	E	1	5 ug/L
P3244-03	YDZD4	Water	2,4-Dimethylphenol		120.000	E	1.1	5 ug/L
P3244-03	YDZD4	Water	2-Methylnaphthalene		270.000	E	1.6	5 ug/L
P3244-03	YDZD4	Water	2-Methylphenol		3.500	J	0.82	10 ug/L
P3244-03	YDZD4	Water	4-Chloro-3-methylphenol		23.000		2	5 ug/L
P3244-03	YDZD4	Water	4-Methylphenol		3.200	J	1.2	10 ug/L
P3244-03	YDZD4	Water	Acenaphthene		3.700	J	1.1	5 ug/L
P3244-03	YDZD4	Water	Di-n-butylphthalate		2.900	J	0.81	5 ug/L
P3244-03	YDZD4	Water	Dibenzofuran		2.600	J	0.87	5 ug/L
P3244-03	YDZD4	Water	Fluoranthene		1.500	J	0.65	5 ug/L
P3244-03	YDZD4	Water	Fluorene		3.300	J	0.87	5 ug/L
P3244-03	YDZD4	Water	Naphthalene		74.000		0.7	5 ug/L
P3244-03	YDZD4	Water	Phenanthrene		4.700	J	0.97	5 ug/L
P3244-03	YDZD4	Water	Pyrene		1.300	J	0.53	5 ug/L
Total Svoc :					742.00			
Total Concentration:					3,434.10			
Client ID : YDZD5								
P3244-04	YDZD5	Water	(DEL) Alkane: Cyclic9.891	*	5.100	J		
P3244-04	YDZD5	Water	1-(4-Pyridinyl)piperazine	*	29.000	J		
P3244-04	YDZD5	Water	1-(Isocyanatomethyl)-4-propoxyb	*	29.000	J		
P3244-04	YDZD5	Water	2,6-Dimethyl-1,3,5,7-octatetraene	*	32.000	J		
P3244-04	YDZD5	Water	2-Propylphenol, isopropyl ether	*	14.000	J		
P3244-04	YDZD5	Water	4-(7-Methyloctyl)phenol	*	83.000	J		
P3244-04	YDZD5	Water	Acetamide, N-(2-methylphenyl)-	*	69.000	J		
P3244-04	YDZD5	Water	Acetamide, N-(3-methylphenyl)-	*	38.000	J		

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SDG No.: BG072324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3244-04	YDZD5	Water	Benzene, 1,2,3-trimethyl-	*	16.000	J		
P3244-04	YDZD5	Water	Benzene, 1,3-dimethyl-	*	32.000	J		
P3244-04	YDZD5	Water	Benzene, 1-ethyl-2,3-dimethyl-	*	18.000	J		
P3244-04	YDZD5	Water	Benzene, 1-ethyl-3-methyl-	*	21.000	J		
P3244-04	YDZD5	Water	Benzene, 1-ethyl-4-methyl-	*	12.000	J		
P3244-04	YDZD5	Water	Bicyclo[2.2.1]heptan-2-one, 1,7,7-	*	60.000	J		
P3244-04	YDZD5	Water	Cyclohexanemethanol, .alpha.,.alpha.	*	110.000	J		
P3244-04	YDZD5	Water	Diethyltoluamide	*	36.000	J		
P3244-04	YDZD5	Water	Eucalyptol	*	38.000	J		
P3244-04	YDZD5	Water	Fenchone	*	71.000	J		
P3244-04	YDZD5	Water	Hexestrol, O-trifluoroacetyl-	*	18.000	J		
P3244-04	YDZD5	Water	Naphthalene, 1,3-dimethyl-	*	28.000	J		
P3244-04	YDZD5	Water	Naphthalene, 1,6-dimethyl-	*	11.000	J		
P3244-04	YDZD5	Water	Naphthalene, 2,7-dimethyl-	*	17.000	J		
P3244-04	YDZD5	Water	Phenol, 2-(1,1,3,3-tetramethylbuty	*	60.000	J		
P3244-04	YDZD5	Water	Phenol, 3,4-dimethyl-	*	15.000	J		
P3244-04	YDZD5	Water	Phenol, 3,5-dimethyl-	*	25.000	J		
P3244-04	YDZD5	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	54.000	J		
P3244-04	YDZD5	Water	unknown-01	*	16.000	J		
P3244-04	YDZD5	Water	unknown-02	*	120.000	J		
P3244-04	YDZD5	Water	unknown-03	*	26.000	J		
P3244-04	YDZD5	Water	unknown-04	*	16.000	J		
P3244-04	YDZD5	Water	unknown-05	*	36.000	J		
P3244-04	YDZD5	Water	Total Alkanes	*	5.100	1	5.1	ug/L
Total Tics :					1,160.20			
P3244-04	YDZD5	Water	1,1-Biphenyl		1.900	J 1	5.1	ug/L
P3244-04	YDZD5	Water	1,4-Dioxane		6.600	1.2	2	ug/L
P3244-04	YDZD5	Water	1-Methylnaphthalene		140.000	E 1	5.1	ug/L
P3244-04	YDZD5	Water	2,4-Dimethylphenol		43.000	1.1	5.1	ug/L
P3244-04	YDZD5	Water	2-Methylnaphthalene		200.000	E 1.6	5.1	ug/L
P3244-04	YDZD5	Water	2-Methylphenol		12.000	0.83	10	ug/L
P3244-04	YDZD5	Water	4-Chloro-3-methylphenol		7.800	2	5.1	ug/L
P3244-04	YDZD5	Water	Acenaphthene		1.500	J 1.1	5.1	ug/L
P3244-04	YDZD5	Water	Naphthalene		32.000	0.71	5.1	ug/L
P3244-04	YDZD5	Water	Phenanthrene		1.400	J 0.98	5.1	ug/L
Total Svoc :					446.20			
Total Concentration:					1,606.40			
Client ID : YDZF1								
P3244-06	YDZF1	Water	(DEL) Alkane: Straight-Chain13,4	*	2.900	J		
P3244-06	YDZF1	Water	(E)-1-Phenyl-1-butene	*	9.100	J		

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SDG No.: BG072324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3244-06	YDZF1	Water	1,5,9-Undecatriene, 2,6,10-trimethyl	*	3.100	J		
P3244-06	YDZF1	Water	4-(1,1-Dimethylheptyl)phenol	*	3.600	J		
P3244-06	YDZF1	Water	4-(7-Methyloctyl)phenol	*	2.100	J		
P3244-06	YDZF1	Water	4-Indancarboxylic acid, 7-methyl-	*	5.400	J		
P3244-06	YDZF1	Water	Acetamide, N-(2-methylphenyl)-	*	5.100	J		
P3244-06	YDZF1	Water	Benzene, (2-methyl-1-butenyl)-	*	2.200	J		
P3244-06	YDZF1	Water	Benzene, 1,2,3,5-tetramethyl-	*	2.900	J		
P3244-06	YDZF1	Water	Benzene, 1,2,3-trimethyl-	*	3.000	J		
P3244-06	YDZF1	Water	Benzene, 1-ethyl-3-methyl-	*	2.300	J		
P3244-06	YDZF1	Water	Benzene, 2-ethyl-1,4-dimethyl-	*	9.800	J		
P3244-06	YDZF1	Water	Benzene, propyl-	*	4.100	J		
P3244-06	YDZF1	Water	Bicyclo[3.1.0]hex-3-en-2-ol, 2-methyl-	*	2.700	J		
P3244-06	YDZF1	Water	Bicyclo[4.2.0]octa-1,3,5-triene, 7-methyl-	*	2.100	J		
P3244-06	YDZF1	Water	Ethanone, 2-(1-methylethoxy)-1,2-dimethyl-	*	3.900	J		
P3244-06	YDZF1	Water	Hexestrol, O-isopropylloxycarbonyl-	*	2.600	J		
P3244-06	YDZF1	Water	Indane	*	4.900	J		
P3244-06	YDZF1	Water	Naphthalene, 1,2,3,4-tetrahydro-1-methyl-	*	2.300	J		
P3244-06	YDZF1	Water	Naphthalene, 1,2,3,4-tetrahydro-5-methyl-	*	2.500	J		
P3244-06	YDZF1	Water	Naphthalene, 1,3-dimethyl-	*	9.700	J		
P3244-06	YDZF1	Water	Naphthalene, 1,6-dimethyl-	*	4.200	J		
P3244-06	YDZF1	Water	Naphthalene, 2,3-dimethyl-	*	3.900	J		
P3244-06	YDZF1	Water	Oxirane, 2-methyl-2-phenyl-	*	3.800	J		
P3244-06	YDZF1	Water	unknown-01	*	2.100	J		
P3244-06	YDZF1	Water	Total Alkanes	*	2.900	J	1	5.1 ug/L
Total Tics :					103.20			
P3244-06	YDZF1	Water	1-Methylnaphthalene		72.000		1	5.1 ug/L
P3244-06	YDZF1	Water	2-Methylnaphthalene		33.000		1.6	5.1 ug/L
P3244-06	YDZF1	Water	Acenaphthene		1.300	J	1.1	5.1 ug/L
Total Svoc :					106.30			
Total Concentration:					209.50			
Client ID : YDZF2								
P3244-07	YDZF2	Water	2(3H)-Benzothiazolone	*	5.200	J		
P3244-07	YDZF2	Water	2-Cyclopenten-1-one,3-hydroxy-2-methyl-	*	2.000	J		
P3244-07	YDZF2	Water	Benzenesulfonamide, N-butyl-	*	63.000	J		
P3244-07	YDZF2	Water	Butoxyacetic acid	*	22.000	J		
P3244-07	YDZF2	Water	Diethyltoluamide	*	12.000	J		
P3244-07	YDZF2	Water	Phenol, 2-(1,1-dimethylethyl)-	*	4.500	J		
P3244-07	YDZF2	Water	Phenol, m-tert-butyl-	*	7.200	J		
P3244-07	YDZF2	Water	Phenol, p-tert-butyl-	*	18.000	J		
P3244-07	YDZF2	Water	unknown-01	*	2.100	J		

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SDG No.: BG072324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
P3244-07	YDZF2	Water	unknown-02	*	5.600	J		
P3244-07	YDZF2	Water	unknown-03	*	3.600	J		
P3244-07	YDZF2	Water	unknown-04	*	6.100	J		
P3244-07	YDZF2	Water	Total Alkanes	*	0.000	0.99	5	ug/L
			Total Tics :		151.30			
P3244-07	YDZF2	Water	1,4-Dioxane		25.000	1.2	2	ug/L
			Total Svoc :		25.00			
			Total Concentration:		176.30			
Client ID : YDZF9								
P3244-08	YDZF9	Water	Total Alkanes	*	0.000	1	5.1	ug/L
			Total Tics :		0.00			
			Total Concentration:		0.00			
Client ID : A4BA0								
P3263-01	A4BA0	Solid	(S)-(+)-1,2-Propanediol	*	82.000	J		
P3263-01	A4BA0	Solid	1-Phenoxypropan-2-ol	*	110.000	J		
P3263-01	A4BA0	Solid	Total Alkanes	*	0.000	26	170	ug/Kg
			Total Tics :		192.00			
P3263-01	A4BA0	Solid	Anthracene		34.000	J 25	170	ug/Kg
P3263-01	A4BA0	Solid	Benzo(a)anthracene		140.000	J 23	170	ug/Kg
P3263-01	A4BA0	Solid	Benzo(a)pyrene		80.000	J 31	170	ug/Kg
P3263-01	A4BA0	Solid	Benzo(b)fluoranthene		200.000	37	170	ug/Kg
P3263-01	A4BA0	Solid	Benzo(k)fluoranthene		78.000	J 38	170	ug/Kg
P3263-01	A4BA0	Solid	Chrysene		160.000	J 24	170	ug/Kg
P3263-01	A4BA0	Solid	Fluoranthene		360.000	19	170	ug/Kg
P3263-01	A4BA0	Solid	Indeno(1,2,3-cd)pyrene		73.000	J 28	170	ug/Kg
P3263-01	A4BA0	Solid	Phenanthrene		180.000	27	170	ug/Kg
P3263-01	A4BA0	Solid	Pyrene		230.000	18	170	ug/Kg
			Total Svoc :		1,535.00			
			Total Concentration:		1,727.00			
Client ID : A4BA2								
P3263-02	A4BA2	Solid	1-Phenoxypropan-2-ol	*	230.000	J		
P3263-02	A4BA2	Solid	4-(1,1-Dimethylheptyl)phenol	*	110.000	J		
P3263-02	A4BA2	Solid	4-(7-Methyloctyl)phenol	*	100.000	J		
P3263-02	A4BA2	Solid	4-Bromothiophene-2-aldehyde	*	380.000	J		
P3263-02	A4BA2	Solid	9,10-Anthracenedione	*	150.000	J		
P3263-02	A4BA2	Solid	Acetamide, N-(2-methylphenyl)-	*	110.000	J		
P3263-02	A4BA2	Solid	Acetamide, N-(3-methylphenyl)-	*	160.000	J		
P3263-02	A4BA2	Solid	Phenanthrene, 1-methyl-	*	200.000	J		
P3263-02	A4BA2	Solid	Phenanthrene, 2-methyl-	*	130.000	J		

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SDG No.: BG072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3263-02	A4BA2	Solid	Phenanthrene, 3,6-dimethyl-	*	130.000	J		
P3263-02	A4BA2	Solid	Phenol, p-tert-butyl-	*	110.000	J		
P3263-02	A4BA2	Solid	unknown-01	*	160.000	J		
P3263-02	A4BA2	Solid	unknown-02	*	130.000	J		
P3263-02	A4BA2	Solid	Total Alkanes	*	0.000	36	230	ug/Kg
Total Tics :				2,100.00				
P3263-02	A4BA2	Solid	Acenaphthene		67.000	J 36	230	ug/Kg
P3263-02	A4BA2	Solid	Anthracene		190.000	J 34	230	ug/Kg
P3263-02	A4BA2	Solid	Benzo(a)anthracene		820.000	32	230	ug/Kg
P3263-02	A4BA2	Solid	Benzo(a)pyrene		460.000	43	230	ug/Kg
P3263-02	A4BA2	Solid	Benzo(b)fluoranthene		1,100.000	51	230	ug/Kg
P3263-02	A4BA2	Solid	Benzo(g,h,i)perylene		73.000	J 44	230	ug/Kg
P3263-02	A4BA2	Solid	Benzo(k)fluoranthene		400.000	52	230	ug/Kg
P3263-02	A4BA2	Solid	Bis(2-ethylhexyl)phthalate		310.000	34	230	ug/Kg
P3263-02	A4BA2	Solid	Butylbenzylphthalate		54.000	J 30	230	ug/Kg
P3263-02	A4BA2	Solid	Carbazole		120.000	J 47	450	ug/Kg
P3263-02	A4BA2	Solid	Chrysene		930.000	33	230	ug/Kg
P3263-02	A4BA2	Solid	Dibenzo(a,h)anthracene		160.000	J 36	230	ug/Kg
P3263-02	A4BA2	Solid	Fluoranthene		2,000.000	26	230	ug/Kg
P3263-02	A4BA2	Solid	Fluorene		67.000	J 37	230	ug/Kg
P3263-02	A4BA2	Solid	Indeno(1,2,3-cd)pyrene		360.000	39	230	ug/Kg
P3263-02	A4BA2	Solid	Phenanthrene		1,100.000	37	230	ug/Kg
P3263-02	A4BA2	Solid	Pyrene		1,300.000	25	230	ug/Kg
Total Svoc :				9,511.00				
Total Concentration:				11,611.00				
Client ID : A4BA5								
P3263-03	A4BA5	Solid	1-Phenoxypropan-2-ol	*	180.000	J		
P3263-03	A4BA5	Solid	Propylene Glycol	*	160.000	J		
P3263-03	A4BA5	Solid	Total Alkanes	*	0.000	28	180	ug/Kg
Total Tics :				340.00				
P3263-03	A4BA5	Solid	Anthracene		48.000	J 27	180	ug/Kg
P3263-03	A4BA5	Solid	Benzo(a)anthracene		180.000	24	180	ug/Kg
P3263-03	A4BA5	Solid	Benzo(a)pyrene		110.000	J 33	180	ug/Kg
P3263-03	A4BA5	Solid	Benzo(b)fluoranthene		280.000	39	180	ug/Kg
P3263-03	A4BA5	Solid	Benzo(k)fluoranthene		78.000	J 40	180	ug/Kg
P3263-03	A4BA5	Solid	Bis(2-ethylhexyl)phthalate		160.000	J 27	180	ug/Kg
P3263-03	A4BA5	Solid	Chrysene		230.000	26	180	ug/Kg
P3263-03	A4BA5	Solid	Fluoranthene		440.000	20	180	ug/Kg
P3263-03	A4BA5	Solid	Indeno(1,2,3-cd)pyrene		94.000	J 30	180	ug/Kg
P3263-03	A4BA5	Solid	Phenanthrene		220.000	29	180	ug/Kg

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SDG No.: BG072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3263-03	A4BA5	Solid	Pyrene	300.000		19	180	ug/Kg
Total Svoc :				2,140.00				
Total Concentration:				2,480.00				
Client ID : A4BA7								
P3263-05	A4BA7	Solid	1-Phenoxypropan-2-ol	*	150.000	J		
P3263-05	A4BA7	Solid	1H-Cyclopropa[1]phenanthrene,1a	*	130.000	J		
P3263-05	A4BA7	Solid	4H-Cyclopenta[def]phenanthrene	*	240.000	J		
P3263-05	A4BA7	Solid	Phenanthrene, 3-methyl-	*	89.000	J		
P3263-05	A4BA7	Solid	unknown-01	*	91.000	J		
P3263-05	A4BA7	Solid	Total Alkanes	*	0.000	30	200	ug/Kg
Total Tics :				700.00				
P3263-05	A4BA7	Solid	2-Methylnaphthalene		48.000	J 37	200	ug/Kg
P3263-05	A4BA7	Solid	Acenaphthene		120.000	J 30	200	ug/Kg
P3263-05	A4BA7	Solid	Anthracene		170.000	J 29	200	ug/Kg
P3263-05	A4BA7	Solid	Benzo(a)anthracene		340.000	27	200	ug/Kg
P3263-05	A4BA7	Solid	Benzo(a)pyrene		290.000	36	200	ug/Kg
P3263-05	A4BA7	Solid	Benzo(b)fluoranthene		360.000	43	200	ug/Kg
P3263-05	A4BA7	Solid	Benzo(g,h,i)perylene		55.000	J 37	200	ug/Kg
P3263-05	A4BA7	Solid	Benzo(k)fluoranthene		150.000	J 44	200	ug/Kg
P3263-05	A4BA7	Solid	Carbazole		93.000	J 40	380	ug/Kg
P3263-05	A4BA7	Solid	Chrysene		340.000	28	200	ug/Kg
P3263-05	A4BA7	Solid	Dibenzo(a,h)anthracene		56.000	J 30	200	ug/Kg
P3263-05	A4BA7	Solid	Dibenzofuran		62.000	J 31	200	ug/Kg
P3263-05	A4BA7	Solid	Fluoranthene		770.000	22	200	ug/Kg
P3263-05	A4BA7	Solid	Fluorene		110.000	J 31	200	ug/Kg
P3263-05	A4BA7	Solid	Indeno(1,2,3-cd)pyrene		150.000	J 33	200	ug/Kg
P3263-05	A4BA7	Solid	Naphthalene		96.000	J 28	200	ug/Kg
P3263-05	A4BA7	Solid	Phenanthrene		710.000	31	200	ug/Kg
P3263-05	A4BA7	Solid	Pyrene		620.000	21	200	ug/Kg
Total Svoc :				4,540.00				
Total Concentration:				5,240.00				
Client ID : A4BB0								
P3263-07	A4BB0	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P3263-07	A4BB0	Solid	4H-Cyclopenta[def]phenanthrene	*	180.000	J		
P3263-07	A4BB0	Solid	9,10-Anthracenedione	*	82.000	J		
P3263-07	A4BB0	Solid	Anthracene, 1-methyl-	*	140.000	J		
P3263-07	A4BB0	Solid	Phenanthrene, 1-methyl-	*	94.000	J		
P3263-07	A4BB0	Solid	Total Alkanes	*	0.000	29	190	ug/Kg
Total Tics :				626.00				
P3263-07	A4BB0	Solid	Acenaphthene		56.000	J 29	190	ug/Kg

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SDG No.: BG072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3263-07	A4BB0	Solid	Anthracene	160.000	J	28	190	ug/Kg
P3263-07	A4BB0	Solid	Benzo(a)anthracene	430.000		26	190	ug/Kg
P3263-07	A4BB0	Solid	Benzo(a)pyrene	220.000		35	190	ug/Kg
P3263-07	A4BB0	Solid	Benzo(b)fluoranthene	540.000		42	190	ug/Kg
P3263-07	A4BB0	Solid	Benzo(k)fluoranthene	190.000		43	190	ug/Kg
P3263-07	A4BB0	Solid	Carbazole	77.000	J	38	370	ug/Kg
P3263-07	A4BB0	Solid	Chrysene	460.000		27	190	ug/Kg
P3263-07	A4BB0	Solid	Dibenzo(a,h)anthracene	77.000	J	29	190	ug/Kg
P3263-07	A4BB0	Solid	Dibenzofuran	50.000	J	30	190	ug/Kg
P3263-07	A4BB0	Solid	Fluoranthene	1,100.000		21	190	ug/Kg
P3263-07	A4BB0	Solid	Fluorene	71.000	J	30	190	ug/Kg
P3263-07	A4BB0	Solid	Indeno(1,2,3-cd)pyrene	170.000	J	31	190	ug/Kg
P3263-07	A4BB0	Solid	Naphthalene	46.000	J	27	190	ug/Kg
P3263-07	A4BB0	Solid	Phenanthrene	820.000		30	190	ug/Kg
P3263-07	A4BB0	Solid	Pyrene	710.000		20	190	ug/Kg

Total Svoc :

5,177.00

Total Concentration:

5,803.00

Client ID : A4BD6

P3263-10	A4BD6	Solid	13-Docosenamide, (Z)-	*	130.000	J		
P3263-10	A4BD6	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	89.000	J		
P3263-10	A4BD6	Solid	4H-Cyclopenta[def]phenanthrene	*	110.000	J		
P3263-10	A4BD6	Solid	9,10-Anthracenedione	*	83.000	J		
P3263-10	A4BD6	Solid	Phosphonic acid, diphenyl ester	*	120.000	J		
P3263-10	A4BD6	Solid	unknown-01	*	100.000	J		
P3263-10	A4BD6	Solid	Total Alkanes	*	0.000	27	180	ug/Kg

Total Tics :

632.00

P3263-10	A4BD6	Solid	Acenaphthene	36.000	J	27	180	ug/Kg
P3263-10	A4BD6	Solid	Anthracene	64.000	J	26	180	ug/Kg
P3263-10	A4BD6	Solid	Benzo(a)anthracene	250.000		24	180	ug/Kg
P3263-10	A4BD6	Solid	Benzo(a)pyrene	130.000	J	33	180	ug/Kg
P3263-10	A4BD6	Solid	Benzo(b)fluoranthene	350.000		39	180	ug/Kg
P3263-10	A4BD6	Solid	Benzo(k)fluoranthene	110.000	J	40	180	ug/Kg
P3263-10	A4BD6	Solid	Bis(2-ethylhexyl)phthalate	82.000	J	26	180	ug/Kg
P3263-10	A4BD6	Solid	Carbazole	42.000	J	36	350	ug/Kg
P3263-10	A4BD6	Solid	Chrysene	310.000		25	180	ug/Kg
P3263-10	A4BD6	Solid	Dibenzo(a,h)anthracene	50.000	J	27	180	ug/Kg
P3263-10	A4BD6	Solid	Dibenzofuran	37.000	J	28	180	ug/Kg
P3263-10	A4BD6	Solid	Fluoranthene	680.000		20	180	ug/Kg
P3263-10	A4BD6	Solid	Indeno(1,2,3-cd)pyrene	110.000	J	29	180	ug/Kg
P3263-10	A4BD6	Solid	Phenanthrene	530.000		28	180	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3263-10	A4BD6	Solid	Pyrene	430.000	19		180	ug/Kg
Total Svoc :				3,211.00				
Total Concentration:				3,843.00				
Client ID : A4CK9								
P3263-19	A4CK9	Solid	(DEL) Alkane: Straight-Chain26.(	1,300.000	J			
P3263-19	A4CK9	Solid	1,21-Docosadiene	760.000	J			
P3263-19	A4CK9	Solid	1-Phenoxypropan-2-ol	160.000	J			
P3263-19	A4CK9	Solid	5-Heptylresorcinol	170.000	J			
P3263-19	A4CK9	Solid	Imidazole, 5-methyl-4-trifluoromε	100.000	J			
P3263-19	A4CK9	Solid	Octacosyl trifluoroacetate	430.000	J			
P3263-19	A4CK9	Solid	R-(-)-1,2-propanediol	110.000	J			
P3263-19	A4CK9	Solid	Tetracosanal	450.000	J			
P3263-19	A4CK9	Solid	Tridecane, 1-iodo-	350.000	J			
P3263-19	A4CK9	Solid	unknown-01	140.000	J			
P3263-19	A4CK9	Solid	unknown-02	98.000	J			
P3263-19	A4CK9	Solid	Total Alkanes	1,300.000	30		190	ug/Kg
Total Tics :				5,368.00				
P3263-19	A4CK9	Solid	Anthracene	40.000	J	28	190	ug/Kg
P3263-19	A4CK9	Solid	Benzo(a)anthracene	180.000	J	26	190	ug/Kg
P3263-19	A4CK9	Solid	Benzo(a)pyrene	110.000	J	35	190	ug/Kg
P3263-19	A4CK9	Solid	Benzo(b)fluoranthene	240.000		42	190	ug/Kg
P3263-19	A4CK9	Solid	Benzo(k)fluoranthene	120.000	J	43	190	ug/Kg
P3263-19	A4CK9	Solid	Bis(2-ethylhexyl)phthalate	53.000	J	28	190	ug/Kg
P3263-19	A4CK9	Solid	Chrysene	220.000		27	190	ug/Kg
P3263-19	A4CK9	Solid	Dibenzo(a,h)anthracene	42.000	J	30	190	ug/Kg
P3263-19	A4CK9	Solid	Fluoranthene	390.000		22	190	ug/Kg
P3263-19	A4CK9	Solid	Indeno(1,2,3-cd)pyrene	80.000	J	32	190	ug/Kg
P3263-19	A4CK9	Solid	Phenanthrene	220.000		31	190	ug/Kg
P3263-19	A4CK9	Solid	Pyrene	290.000		20	190	ug/Kg
Total Svoc :				1,985.00				
Total Concentration:				7,353.00				
Client ID : A4CL0								
P3263-20	A4CL0	Solid	1,3-Diphenyl-3-methylcycloprope	78.000	J			
P3263-20	A4CL0	Solid	1-Phenoxypropan-2-ol	190.000	J			
P3263-20	A4CL0	Solid	4-Bromothiophene-2-aldehyde	160.000	J			
P3263-20	A4CL0	Solid	Anthracene, 2-methyl-	120.000	J			
P3263-20	A4CL0	Solid	Hexacosanal	710.000	J			
P3263-20	A4CL0	Solid	unknown-01	110.000	J			
P3263-20	A4CL0	Solid	unknown-02	180.000	J			

Hit Summary Sheet SW-846

SDG No.: BG072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3263-20	A4CL0	Solid	Total Alkanes	*	0.000	28	180	ug/Kg
			Total Tics :		1,548.00			
P3263-20	A4CL0	Solid	Anthracene		87.000	J 26	180	ug/Kg
P3263-20	A4CL0	Solid	Benzo(a)anthracene		390.000	24	180	ug/Kg
P3263-20	A4CL0	Solid	Benzo(a)pyrene		210.000	33	180	ug/Kg
P3263-20	A4CL0	Solid	Benzo(b)fluoranthene		470.000	39	180	ug/Kg
P3263-20	A4CL0	Solid	Benzo(k)fluoranthene		180.000	40	180	ug/Kg
P3263-20	A4CL0	Solid	Bis(2-ethylhexyl)phthalate		110.000	J 26	180	ug/Kg
P3263-20	A4CL0	Solid	Carbazole		41.000	J 36	350	ug/Kg
P3263-20	A4CL0	Solid	Chrysene		410.000	25	180	ug/Kg
P3263-20	A4CL0	Solid	Dibenzo(a,h)anthracene		77.000	J 28	180	ug/Kg
P3263-20	A4CL0	Solid	Fluoranthene		770.000	20	180	ug/Kg
P3263-20	A4CL0	Solid	Indeno(1,2,3-cd)pyrene		160.000	J 30	180	ug/Kg
P3263-20	A4CL0	Solid	Phenanthrene		480.000	29	180	ug/Kg
P3263-20	A4CL0	Solid	Pyrene		580.000	19	180	ug/Kg
			Total Svoc :		3,965.00			
			Total Concentration:		5,513.00			

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG071924 SAS No.: BG071924 SDG No.: BG071924

Instrument ID: _____ Calibration Date(s): 7/19/2024 : _____

Calibration Time(s): 09:16 _____

LAB FILE ID:		RRFAL1 = BG062133.D		RRFAL3 = BG062135.D		RRFAL4 = BG062136.D		
		RRFAL5 = BG062137.D		RRFAL6 = BG062138.D		RRFAL2 = BG062139.D		
COMPOUND	RRFAL1	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRFAL2	RRF	% RSD
1,4-Dioxane	0.697	0.544	0.493	0.526		0.547	0.562	14.0
Benzaldehyde		1.298	1.266	0.931	0.675	0.999	1.034	24.8
Pyridine		1.528	1.589	1.595	1.678	1.572	1.593	3.4
Hexachloroethane	0.583	0.540	0.571	0.554		0.572	0.564	3.0
Nitrobenzene	0.504	0.535	0.519	0.507		0.512	0.515	2.4
Isophorone	1.087	1.036	1.082	0.999		1.023	1.045	3.6
2-Nitrophenol	0.231	0.201	0.206	0.198		0.179	0.203	9.3
2,4-Dimethylphenol	0.486	0.483	0.509	0.481		0.476	0.487	2.6
Bis(2-Chloroethoxy)methane	0.497	0.475	0.498	0.455		0.507	0.486	4.3
2,4-Dichlorophenol	0.375	0.395	0.391	0.371		0.375	0.381	2.8
Naphthalene	1.122	1.078	1.081	1.036		1.078	1.079	2.8
4-Chloroaniline		0.444	0.484	0.442	0.447	0.453	0.454	3.8
Hexachlorobutadiene	0.377	0.363	0.365	0.364		0.343	0.362	3.4
Phenol		1.856	2.054	1.975	2.095	1.733	1.943	7.6
Caprolactam		0.133	0.138	0.122	0.117	0.142	0.130	8.2
4-Chloro-3-methylphenol	0.438	0.447	0.484	0.453		0.465	0.457	3.9
1-Methylnaphthalene	0.860	0.828	0.851	0.802		0.858	0.840	2.9
2-Methylnaphthalene	0.875	0.754	0.824	0.773		0.846	0.814	6.2
Hexachlorocyclopentadiene		0.329	0.403	0.461	0.532	0.253	0.396	27.7
2,4,6-Trichlorophenol	0.412	0.442	0.478	0.475		0.456	0.452	6.0
2,4,5-Trichlorophenol	0.492	0.473	0.497	0.506		0.495	0.492	2.4
1,1-Biphenyl	1.448	1.441	1.411	1.383		1.395	1.416	2.0
2-Chloronaphthalene	1.183	1.152	1.161	1.155		1.169	1.164	1.1
2-Nitroaniline	0.388	0.436	0.453	0.452		0.416	0.429	6.4
Bis(2-Chloroethyl)ether		1.311	1.341	1.309	1.344	1.385	1.338	2.3
Dimethylphthalate	1.728	1.621	1.623	1.520		1.580	1.614	4.7
2,6-Dinitrotoluene	0.325	0.320	0.347	0.332		0.328	0.331	3.1
Acenaphthylene	1.903	1.873	1.883	1.818		1.893	1.874	1.8
3-Nitroaniline		0.290	0.287	0.254	0.246	0.259	0.267	7.4
Acenaphthene	1.266	1.240	1.260	1.198		1.255	1.244	2.2
2,4-Dinitrophenol		0.122	0.159	0.181	0.215	0.207	0.177	21.4
4-Nitrophenol		0.312	0.337	0.314	0.338	0.261	0.313	10.0
Dibenzofuran	1.876	1.857	1.918	1.803		1.911	1.873	2.5
2,4-Dinitrotoluene	0.504	0.504	0.523	0.493		0.513	0.507	2.2
Diethylphthalate	1.622	1.608	1.637	1.515		1.598	1.596	3.0
2-Chlorophenol	1.302	1.267	1.244	1.246		1.240	1.260	2.0

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG071924SAS No.: BG071924SDG No.: BG071924

Instrument ID: _____

Calibration Date(s): 7/19/2024 :Calibration Time(s): 09:16

LAB FILE ID:		RRFAL1 = BG062133.D			RRFAL3 = BG062135.D		RRFAL4 = BG062136.D	
		RRFAL5 = BG062137.D			RRFAL6 = BG062138.D		RRFAL2 = BG062139.D	
COMPOUND	RRFAL1	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRFAL2	RRF	% RSD
Fluorene	1.645	1.611	1.647	1.525		1.602	1.606	3.1
4-Chlorophenyl-phenylether	1.028	0.996	1.003	0.945		1.002	0.995	3.1
4-Nitroaniline		0.314	0.310	0.258	0.256	0.292	0.286	9.8
4,6-Dinitro-2-methylphenol		0.108	0.127	0.130	0.137	0.095	0.119	14.4
N-Nitrosodiphenylamine	0.505	0.495	0.490	0.479		0.477	0.489	2.3
1,2,4,5-Tetrachlorobenzene	0.810	0.821	0.812	0.803		0.787	0.806	1.6
4-Bromophenyl-phenylether	0.236	0.231	0.233	0.235		0.230	0.233	1.1
Hexachlorobenzene	0.246	0.248	0.246	0.247		0.248	0.247	0.4
Atrazine		0.256	0.255	0.240	0.231	0.250	0.247	4.3
Pentachlorophenol		0.052	0.077	0.095	0.119	0.113	0.091	30.4
2-Methylphenol		1.453	1.493	1.470	1.582	1.280	1.456	7.6
Phenanthrene	0.960	0.983	0.979	0.928		0.963	0.962	2.2
Pentachlorobenzene	0.269	0.293	0.284	0.301		0.271	0.284	4.9
Anthracene	1.026	0.991	0.991	0.962		0.984	0.991	2.3
1,2,3,4-Tetrachlorobenzene	0.266	0.294	0.290	0.307		0.275	0.286	5.6
Carbazole		0.893	0.860	0.801	0.794	0.863	0.842	5.1
Di-n-butylphthalate	0.997	0.977	0.963	0.901		0.990	0.966	4.0
Fluoranthene	1.277	1.292	1.358	1.258		1.320	1.301	3.0
Pyrene	1.400	1.338	1.379	1.281		1.364	1.353	3.4
Butylbenzylphthalate	0.401	0.410	0.406	0.395		0.395	0.401	1.6
3,3-Dichlorobenzidine		0.486	0.465	0.409	0.358	0.452	0.434	11.8
2,2-oxybis(1-Chloropropane)		2.350	2.452	2.422	2.431	2.184	2.368	4.6
Benzo(a)anthracene	1.431	1.408	1.396	1.341		1.442	1.404	2.8
Chrysene	1.324	1.311	1.279	1.225		1.314	1.291	3.1
Bis(2-ethylhexyl)phthalate	0.591	0.576	0.575	0.554		0.581	0.575	2.4
Di-n-octyl phthalate		0.914	0.942	0.914	0.885	0.946	0.920	2.7
Benzo(b)fluoranthene	1.221	1.219	1.234	1.215		1.290	1.236	2.5
Benzo(k)fluoranthene	1.304	1.218	1.262	1.180		1.203	1.233	4.0
Benzo(a)pyrene	1.163	1.155	1.177	1.119		1.172	1.157	2.0
Indeno(1,2,3-cd)pyrene	1.343	1.333	1.342	1.297		1.332	1.330	1.4
Dibenzo(a,h)anthracene	1.101	1.089	1.127	1.099		1.095	1.102	1.3
Benzo(g,h,i)perylene	1.113	1.027	1.069	1.031		1.083	1.064	3.4
Acetophenone		2.619	2.794	2.620	2.704	2.353	2.618	6.3
2,3,4,6-Tetrachlorophenol	0.399	0.427	0.471	0.461		0.408	0.433	7.4
1,4-Dioxane-d8	0.363	0.435	0.429	0.433		0.482	0.428	9.9
Pyridine-d5		1.465	1.548	1.602	1.629	1.540	1.556	4.1

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BG071924 SAS No.: BG071924 SDG No.: BG071924
Instrument ID: _____ Calibration Date(s): 7/19/2024 : _____
Calibration Time(s): 09:16 _____

LAB FILE ID:		RRFAL1 = BG062133.D			RRFAL3 = BG062135.D		RRFAL4 = BG062136.D	
		RRFAL5 = BG062137.D			RRFAL6 = BG062138.D		RRFAL2 = BG062139.D	
COMPOUND	RRFAL1	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRFAL2	RRF	% RSD
Phenol-d5		1.909	2.049	1.963	2.082	1.841	1.969	5.0
Bis-(2-Chloroethyl)ether-d8		1.138	1.133	1.111	1.147	1.127	1.131	1.2
2-Chlorophenol-d4	1.210	1.267	1.298	1.248		1.181	1.241	3.7
4-Methylphenol-d8		1.479	1.524	1.539	1.623	1.332	1.500	7.1
Nitrobenzene-d5	0.177	0.154	0.155	0.153		0.158	0.159	6.3
2-Nitrophenol-d4	0.186	0.190	0.198	0.192		0.193	0.192	2.2
2,4-Dichlorophenol-d3	0.384	0.400	0.423	0.403		0.397	0.401	3.5
4-Chloroaniline-d4		0.473	0.515	0.479	0.474	0.475	0.483	3.7
4-Methylphenol		1.523	1.681	1.620	1.701	1.500	1.605	5.7
Dimethylphthalate-d6	1.735	1.735	1.731	1.606		1.670	1.695	3.4
Acenaphthylene-d8	1.675	1.736	1.763	1.700		1.721	1.719	2.0
4-Nitrophenol-d4		0.197	0.216	0.204	0.211	0.194	0.204	4.5
Fluorene-d10	1.424	1.473	1.502	1.400		1.417	1.443	2.9
4,6-Dinitro-2-methylphenol		0.121	0.129	0.136	0.142	0.107	0.127	10.7
Anthracene-d10	0.958	0.937	0.946	0.912		0.918	0.934	2.1
Pyrene-d10	1.096	1.144	1.157	1.108		1.165	1.134	2.7
Benzo(a)pyrene-d12	0.968	1.016	1.030	0.990		0.995	1.000	2.4
N-Nitroso-di-n-propylamine	1.553	1.424	1.590	1.486		1.437	1.498	4.8

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.: BG072324 SAS No.: BG072324 SDG NO.: BG072324

EPA Sample No.: SSTD020406

Date Analyzed: Jul 23 2024 12:00AM

Lab File ID: BG062135.D

Time Analyzed: 12:30

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	32464	8.07	136341	10.88	112069	14.70
	UPPER LIMIT	64928	8.57	272682	11.378	224138	15.196
	LOWER LIMIT	16232	7.57	68170.5	10.378	56034.5	14.196
	EPA SAMPLE NO.						
01	SBLK098	40618	8.06	169461	10.88	149171	14.70
02	A4BA0	40743	8.06	167981	10.88	140387	14.70
03	A4BA2	33730	8.07	146176	10.88	122972	14.69
04	A4BA5	38083	8.07	161410	10.88	136725	14.69
05	A4BA7	43918	8.06	180865	10.88	157238	14.70
06	A4BB0	43048	8.07	181615	10.88	161702	14.70
07	SBLK100	44783	8.06	195628	10.88	172323	14.69
08	A4BD6	41580	8.07	174148	10.88	147231	14.69
09	A4CK9	48227	8.07	208293	10.88	169084	14.69
10	A4CL0	42154	8.06	172956	10.88	145536	14.70
11	A4CL0MS	45642	8.07	181969	10.88	157346	14.69
12	A4CL0MSD	49458	8.06	207360	10.88	162448	14.70
13	SLCS089	41002	8.07	174909	10.88	143554	14.70
14	YDZD0	47680	8.07	194043	10.89	158082	14.70
15	YDZD2	49782	8.07	215259	10.89	169359	14.70
16	YDZD4	48590	8.07	194368	10.89	151071	14.70
17	YDZD5	47265	8.07	188969	10.88	155082	14.70
18	YDZF1	42381	8.07	182123	10.89	148943	14.70
19	YDZF2	47934	8.06	202317	10.88	159615	14.70
20	YDZF9	39636	8.06	175583	10.88	148363	14.70
21	SLCS100	43933	8.07	195246	10.88	166102	14.70



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG072324 SAS No.: BG072324 SDG NO.: BG072324

EPA Sample No.: SSTD020406 Date Analyzed: Jul 24 2024 12:00AM

Lab File ID: BG062135.D Time Analyzed: 02:46

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	32464	8.07	136341	10.88	112069	14.70
UPPER LIMIT	64928	8.57	272682	11.378	224138	15.196
LOWER LIMIT	16232	7.57	68170.5	10.378	56034.5	14.196
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG072324 SAS No.: BG072324 SDG NO.: BG072324

EPA Sample No.: SSTD020584 Date Analyzed: Jul 23 2024 12:00AM

Lab File ID: BG062181.D Time Analyzed: 12:30

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	35275	8.063	151624	10.88	128530	14.70
UPPER LIMIT	70550	8.563	303248	11.377	257060	15.196
LOWER LIMIT	17637.5	7.563	75812	10.377	64265	14.196
EPA SAMPLE NO.						
01 SBLK098	40618	8.06	169461	10.88	149171	14.70
02 A4BA0	40743	8.06	167981	10.88	140387	14.70
03 A4BA2	33730	8.07	146176	10.88	122972	14.69
04 A4BA5	38083	8.07	161410	10.88	136725	14.69
05 A4BA7	43918	8.06	180865	10.88	157238	14.70
06 A4BB0	43048	8.07	181615	10.88	161702	14.70

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG072324 SAS No.: BG072324 SDG NO.: BG072324

EPA Sample No.: SSTD020585 Date Analyzed: Jul 23 2024 12:00AM

Lab File ID: BG062188.D Time Analyzed: 17:14

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	41590	8.064	184497	10.88	160253	14.70
	UPPER LIMIT	83180	8.564	368994	11.378	320506	15.196
	LOWER LIMIT	20795	7.564	92248.5	10.378	80126.5	14.196
	EPA SAMPLE NO.						
01	SBLK100	44783	8.06	195628	10.88	172323	14.69
02	A4BD6	41580	8.07	174148	10.88	147231	14.69
03	A4CK9	48227	8.07	208293	10.88	169084	14.69
04	A4CL0	42154	8.06	172956	10.88	145536	14.70
05	A4CL0MS	45642	8.07	181969	10.88	157346	14.69
06	A4CL0MSD	49458	8.06	207360	10.88	162448	14.70
07	SLCS089	41002	8.07	174909	10.88	143554	14.70
08	YDZD0	47680	8.07	194043	10.89	158082	14.70
09	YDZD2	49782	8.07	215259	10.89	169359	14.70
10	YDZD4	48590	8.07	194368	10.89	151071	14.70
11	YDZD5	47265	8.07	188969	10.88	155082	14.70
12	YDZF1	42381	8.07	182123	10.89	148943	14.70
13	YDZF2	47934	8.06	202317	10.88	159615	14.70
14	YDZF9	39636	8.06	175583	10.88	148363	14.70
15	SLCS100	43933	8.07	195246	10.88	166102	14.70

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.: BG072324 SAS No.: BG072324 SDG NO.: BG072324

EPA Sample No.: SSTD020406 Date Analyzed: Jul 23 2024 12:00AM

Lab File ID: BG062135.D Time Analyzed: 12:30

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	311520	17.44	338825	21.704	355523	24.935
	UPPER LIMIT	623040	17.94	677650	22.204	711046	25.435
	LOWER LIMIT	155760	16.94	169412.5	21.204	177761.5	24.435
	EPA SAMPLE NO.						
01	SBLK098	403458	17.44	408390	21.70	441185	24.93
02	A4BA0	379258	17.44	365003	21.70	388454	24.93
03	A4BA2	314375	17.44	297485	21.70	329240	24.94
04	A4BA5	337179	17.44	314107	21.70	346766	24.94
05	A4BA7	400622	17.44	379687	21.70	411513	24.94
06	A4BB0	401901	17.44	378627	21.70	404056	24.94
07	SBLK100	448048	17.44	417656	21.70	444009	24.93
08	A4BD6	369285	17.44	343193	21.70	362717	24.94
09	A4CK9	403364	17.44	366406	21.70	385070	24.94
10	A4CL0	348965	17.44	325302	21.71	354940	24.94
11	A4CL0MS	381005	17.44	348814	21.71	374091	24.95
12	A4CL0MSD	385010	17.45	349097	21.70	379255	24.95
13	SLCS089	357748	17.44	320380	21.71	344413	24.94
14	YDZD0	363559	17.44	343761	21.71	373012	24.95
15	YDZD2	403860	17.44	370964	21.71	411725	24.95
16	YDZD4	357703	17.45	348364	21.71	383713	24.95
17	YDZD5	375805	17.45	353392	21.71	385886	24.94
18	YDZF1	351192	17.44	333025	21.70	348877	24.94
19	YDZF2	371399	17.44	353617	21.70	383972	24.94
20	YDZF9	356121	17.44	334627	21.70	352802	24.94
21	SLCS100	404104	17.44	382047	21.70	396780	24.95

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG072324 SAS No.: BG072324 SDG NO.: BG072324

EPA Sample No.: SSTD020406 Date Analyzed: Jul 24 2024 12:00AM

Lab File ID: BG062135.D Time Analyzed: 02:46

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	311520	17.44	338825	21.704	355523	24.935
UPPER LIMIT	623040	17.94	677650	22.204	711046	25.435
LOWER LIMIT	155760	16.94	169412.5	21.204	177761.5	24.435
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.: BG072324 SAS No.: BG072324 SDG NO.: BG072324

EPA Sample No.: SSTD020584 Date Analyzed: Jul 23 2024 12:00AM

Lab File ID: BG062181.D Time Analyzed: 12:30

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	355772	17.439	355358	21.704	377605	24.935
UPPER LIMIT	711544	17.939	710716	22.204	755210	25.435
LOWER LIMIT	177886	16.939	177679	21.204	188802.5	24.435
EPA SAMPLE NO.						
01 SBLK098	403458	17.44	408390	21.70	441185	24.93
02 A4BA0	379258	17.44	365003	21.70	388454	24.93
03 A4BA2	314375	17.44	297485	21.70	329240	24.94
04 A4BA5	337179	17.44	314107	21.70	346766	24.94
05 A4BA7	400622	17.44	379687	21.70	411513	24.94
06 A4BB0	401901	17.44	378627	21.70	404056	24.94

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.: BG072324 SAS No.: BG072324 SDG NO.: BG072324

EPA Sample No.: SSTD020585 Date Analyzed: Jul 23 2024 12:00AM

Lab File ID: BG062188.D Time Analyzed: 17:14

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	410329	17.439	389184	21.704	415835	24.935
UPPER LIMIT	820658	17.939	778368	22.204	831670	25.435
LOWER LIMIT	205164.5	16.939	194592	21.204	207917.5	24.435
EPA SAMPLE NO.						
01 SBLK100	448048	17.44	417656	21.70	444009	24.93
02 A4BD6	369285	17.44	343193	21.70	362717	24.94
03 A4CK9	403364	17.44	366406	21.70	385070	24.94
04 A4CL0	348965	17.44	325302	21.71	354940	24.94
05 A4CLOMS	381005	17.44	348814	21.71	374091	24.95
06 A4CLOMSD	385010	17.45	349097	21.70	379255	24.95
07 SLCS089	357748	17.44	320380	21.71	344413	24.94
08 YDZD0	363559	17.44	343761	21.71	373012	24.95
09 YDZD2	403860	17.44	370964	21.71	411725	24.95
10 YDZD4	357703	17.45	348364	21.71	383713	24.95
11 YDZD5	375805	17.45	353392	21.71	385886	24.94
12 YDZF1	351192	17.44	333025	21.70	348877	24.94
13 YDZF2	371399	17.44	353617	21.70	383972	24.94
14 YDZF9	356121	17.44	334627	21.70	352802	24.94
15 SLCS100	404104	17.44	382047	21.70	396780	24.95

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BG072324 SAS No.: BG072324 SDG NO.: BG072324

EPA Sample No.: SSTD020585 Date Analyzed: Jul 24 2024 12:00AM

Lab File ID: BG062188.D Time Analyzed: 02:46

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	410329	17.439	389184	21.704	415835	24.935
UPPER LIMIT	820658	17.939	778368	22.204	831670	25.435
LOWER LIMIT	205164.5	16.939	194592	21.204	207917.5	24.435
EPA SAMPLE NO.						

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG072324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162089BS	1,4-Dioxane	530	280	ug/Kg	53				0	0	
	Benzaldehyde	1300	1000	ug/Kg	77				0	0	
	Pyridine	1300	820	ug/Kg	63				0	0	
	Phenol	1300	1100	ug/Kg	85				0	0	
	Bis(2-chloroethyl)ether	1300	990	ug/Kg	76				0	0	
	2-Chlorophenol	1300	1000	ug/Kg	77				0	0	
	2-Methylphenol	1300	1100	ug/Kg	85				0	0	
	2,2-oxybis(1-Chloropropane)	1300	990	ug/Kg	76				0	0	
	Acetophenone	1300	1000	ug/Kg	77				0	0	
	4-Methylphenol	1300	1100	ug/Kg	85				0	0	
	N-Nitroso-di-n-propylamine	1300	960	ug/Kg	74				0	0	
	Hexachloroethane	1300	1100	ug/Kg	85				0	0	
	Nitrobenzene	1300	1000	ug/Kg	77				0	0	
	Isophorone	1300	950	ug/Kg	73				0	0	
	2-Nitrophenol	1300	1000	ug/Kg	77				0	0	
	2,4-Dimethylphenol	1300	750	ug/Kg	58				0	0	
	Bis(2-chloroethoxy)methane	1300	960	ug/Kg	74				0	0	
	2,4-Dichlorophenol	1300	1100	ug/Kg	85				0	0	
	Naphthalene	1300	1100	ug/Kg	85				0	0	
	4-Chloroaniline	1300	900	ug/Kg	69				0	0	
	Hexachlorobutadiene	1300	1100	ug/Kg	85				0	0	
	Caprolactam	1300	990	ug/Kg	76				0	0	
	4-Chloro-3-methylphenol	1300	1100	ug/Kg	85				0	0	
	1-Methylnaphthalene	1300	1000	ug/Kg	77				0	0	
	2-Methylnaphthalene	1300	1100	ug/Kg	85				0	0	
	Hexachlorocyclopentadiene	1300	390	ug/Kg	30				0	0	
	2,4,6-Trichlorophenol	1300	1100	ug/Kg	85				0	0	
	2,4,5-Trichlorophenol	1300	1100	ug/Kg	85				0	0	
	1,1'-Biphenyl	1300	1100	ug/Kg	85				0	0	
	2-Chloronaphthalene	1300	1100	ug/Kg	85				0	0	
	2-Nitroaniline	1300	1200	ug/Kg	92				0	0	
	Dimethylphthalate	1300	1000	ug/Kg	77				0	0	
	2,6-Dinitrotoluene	1300	1100	ug/Kg	85				0	0	
	Acenaphthylene	1300	1100	ug/Kg	85				0	0	
	3-Nitroaniline	1300	1200	ug/Kg	92				0	0	
	Acenaphthene	1300	1100	ug/Kg	85				0	0	
	2,4-Dinitrophenol	1300	820	ug/Kg	63				0	0	
	4-Nitrophenol	1300	1000	ug/Kg	77				0	0	
	Dibenzofuran	1300	1100	ug/Kg	85				0	0	
	2,4-Dinitrotoluene	1300	1100	ug/Kg	85				0	0	
	Diethylphthalate	1300	990	ug/Kg	76				0	0	
	Fluorene	1300	1100	ug/Kg	85				0	0	
	4-Chlorophenyl-phenylether	1300	1100	ug/Kg	85				0	0	
	4-Nitroaniline	1300	1200	ug/Kg	92				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG072324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162089BS	4,6-Dinitro-2-methylphenol	1300	1100	ug/Kg	85				0	0		
	N-Nitrosodiphenylamine	1300	1200	ug/Kg	92				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1200	ug/Kg	92				0	0		
	4-Bromophenyl-phenylether	1300	1200	ug/Kg	92				0	0		
	Hexachlorobenzene	1300	1100	ug/Kg	85				0	0		
	Atrazine	1300	120	ug/Kg	9				0	0		
	Pentachlorophenol	1300	710	ug/Kg	55				0	0		
	Phenanthrene	1300	1100	ug/Kg	85				0	0		
	Pentachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Anthracene	1300	1100	ug/Kg	85				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	1100	ug/Kg	85				0	0		
	Fluoranthene	1300	1200	ug/Kg	92				0	0		
	Pyrene	1300	1200	ug/Kg	92				0	0		
	Butylbenzylphthalate	1300	1200	ug/Kg	92				0	0		
	3,3'-Dichlorobenzidine	1300	1200	ug/Kg	92				0	0		
	Benzo(a)anthracene	1300	1100	ug/Kg	85				0	0		
	Chrysene	1300	1100	ug/Kg	85				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1100	ug/Kg	85				0	0		
	Di-n-octylphthalate	1300	1100	ug/Kg	85				0	0		
	Benzo(b)fluoranthene	1300	1200	ug/Kg	92				0	0		
	Benzo(k)fluoranthene	1300	1100	ug/Kg	85				0	0		
	Benzo(a)pyrene	1300	1100	ug/Kg	85				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1200	ug/Kg	92				0	0		
	Dibenzo(a,h)anthracene	1300	1200	ug/Kg	92				0	0		
	Benzo(g,h,i)perylene	1300	1100	ug/Kg	85				0	0		
	2,3,4,6-Tetrachlorophenol	1300	930	ug/Kg	72				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG072324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB162100BS	1,4-Dioxane	16	8.1	ug/L	51				0	0		
	Benzaldehyde	40	24	ug/L	60				0	0		
	Pyridine	40	24	ug/L	60				0	0		
	Phenol	40	27	ug/L	68				0	0		
	Bis(2-chloroethyl)ether	40	25	ug/L	63				0	0		
	2-Chlorophenol	40	26	ug/L	65				0	0		
	2-Methylphenol	40	27	ug/L	68				0	0		
	2,2-oxybis(1-Chloropropane)	40	26	ug/L	65				0	0		
	Acetophenone	40	25	ug/L	63				0	0		
	4-Methylphenol	40	27	ug/L	68				0	0		
	N-Nitroso-di-n-propylamine	40	24	ug/L	60				0	0		
	Hexachloroethane	40	26	ug/L	65				0	0		
	Nitrobenzene	40	24	ug/L	60				0	0		
	Isophorone	40	23	ug/L	58				0	0		
	2-Nitrophenol	40	25	ug/L	63				0	0		
	2,4-Dimethylphenol	40	22	ug/L	55				0	0		
	Bis(2-chloroethoxy)methane	40	24	ug/L	60				0	0		
	2,4-Dichlorophenol	40	27	ug/L	68				0	0		
	Naphthalene	40	26	ug/L	65				0	0		
	4-Chloroaniline	40	21	ug/L	52				0	0		
	Hexachlorobutadiene	40	26	ug/L	65				0	0		
	Caprolactam	40	24	ug/L	60				0	0		
	4-Chloro-3-methylphenol	40	27	ug/L	68				0	0		
	1-Methylnaphthalene	40	25	ug/L	63				0	0		
	2-Methylnaphthalene	40	26	ug/L	65				0	0		
	Hexachlorocyclopentadiene	40	9.5	ug/L	24				0	0		
	2,4,6-Trichlorophenol	40	25	ug/L	63				0	0		
	2,4,5-Trichlorophenol	40	24	ug/L	60				0	0		
	1,1'-Biphenyl	40	27	ug/L	68				0	0		
	2-Chloronaphthalene	40	26	ug/L	65				0	0		
	2-Nitroaniline	40	26	ug/L	65				0	0		
	Dimethylphthalate	40	24	ug/L	60				0	0		
	2,6-Dinitrotoluene	40	26	ug/L	65				0	0		
	Acenaphthylene	40	26	ug/L	65				0	0		
	3-Nitroaniline	40	28	ug/L	70				0	0		
	Acenaphthene	40	26	ug/L	65				0	0		
	2,4-Dinitrophenol	40		ug/L	0				0	0		
	4-Nitrophenol	40	18	ug/L	45				0	0		
	Dibenzofuran	40	26	ug/L	65				0	0		
	2,4-Dinitrotoluene	40	24	ug/L	60				0	0		
	Diethylphthalate	40	24	ug/L	60				0	0		
	Fluorene	40	25	ug/L	63				0	0		
	4-Chlorophenyl-phenylether	40	26	ug/L	65				0	0		
	4-Nitroaniline	40	28	ug/L	70				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BG072324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB162100BS	4,6-Dinitro-2-methylphenol	40	16	ug/L	40				0	0	
	N-Nitrosodiphenylamine	40	28	ug/L	70				0	0	
	1,2,4,5-Tetrachlorobenzene	40	27	ug/L	68				0	0	
	4-Bromophenyl-phenylether	40	29	ug/L	73				0	0	
	Hexachlorobenzene	40	27	ug/L	68				0	0	
	Atrazine	40	4	ug/L	10				0	0	
	Pentachlorophenol	40		ug/L	0				0	0	
	Phenanthrene	40	27	ug/L	68				0	0	
	Pentachlorobenzene	40	30	ug/L	75				0	0	
	Anthracene	40	26	ug/L	65				0	0	
	1,2,3,4-Tetrachlorobenzene	40	32	ug/L	80				0	0	
	Carbazole	40	27	ug/L	68				0	0	
	Di-n-butylphthalate	40	26	ug/L	65				0	0	
	Fluoranthene	40	28	ug/L	70				0	0	
	Pyrene	40	28	ug/L	70				0	0	
	Butylbenzylphthalate	40	28	ug/L	70				0	0	
	3,3'-Dichlorobenzidine	40	30	ug/L	75				0	0	
	Benzo(a)anthracene	40	27	ug/L	68				0	0	
	Chrysene	40	27	ug/L	68				0	0	
	Bis(2-ethylhexyl)phthalate	40	27	ug/L	68				0	0	
	Di-n-octylphthalate	40	28	ug/L	70				0	0	
	Benzo(b)fluoranthene	40	28	ug/L	70				0	0	
	Benzo(k)fluoranthene	40	28	ug/L	70				0	0	
	Benzo(a)pyrene	40	26	ug/L	65				0	0	
	Indeno(1,2,3-cd)pyrene	40	28	ug/L	70				0	0	
	Dibenzo(a,h)anthracene	40	28	ug/L	70				0	0	
	Benzo(g,h,i)perylene	40	27	ug/L	68				0	0	
	2,3,4,6-Tetrachlorophenol	40	15	ug/L	38				0	0	



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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SLCS089

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG072324

SAS No.: BG072324 SDG NO.: BG072324

Lab File ID: BG062195.D

Lab Sample ID: PB162089BS

Instrument ID: BNA_G

Date Extracted: 07/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/23/2024

Level: (low/med) LOW

Time Analyzed: 21:20

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB162089BS	PB162089BS	BG062195.D	07/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK098

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG072324

SAS No.: BG072324 SDG NO.: BG072324

Lab File ID: BG062182.D

Lab Sample ID: PB162098BL

Instrument ID: BNA_G

Date Extracted: 07/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/23/2024

Level: (low/med) LOW

Time Analyzed: 12:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BA0	P3263-01	BG062183.D	07/23/2024
A4BA2	P3263-02	BG062184.D	07/23/2024
A4BA5	P3263-03	BG062185.D	07/23/2024
A4BA7	P3263-05	BG062186.D	07/23/2024
A4BB0	P3263-07	BG062187.D	07/23/2024
A4BD6	P3263-10	BG062190.D	07/23/2024
A4CK9	P3263-19	BG062191.D	07/23/2024
A4CL0	P3263-20	BG062192.D	07/23/2024
A4CL0MS	P3263-21MS	BG062193.D	07/23/2024
A4CL0MSD	P3263-22MSD	BG062194.D	07/23/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK100

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG072324

SAS No.: BG072324 SDG NO.: BG072324

Lab File ID: BG062189.D

Lab Sample ID: PB162100BL

Instrument ID: BNA_G

Date Extracted: 07/16/2024

Matrix: (soil/water) Water

Date Analyzed: 07/23/2024

Level: (low/med) LOW

Time Analyzed: 17:14

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YDZD0	P3244-01	BG062196.D	07/23/2024
YDZD2	P3244-02	BG062197.D	07/23/2024
YDZD4	P3244-03	BG062198.D	07/23/2024
YDZD5	P3244-04	BG062199.D	07/24/2024
YDZF1	P3244-06	BG062200.D	07/24/2024
PB162100BS	PB162100BS	BG062203.D	07/24/2024

COMMENTS: _____



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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

YDZF2

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG072324

SAS No.: BG072324 SDG NO.: BG072324

Lab File ID: BG062201.D

Lab Sample ID: P3244-07

Instrument ID: BNA_G

Date Extracted: 07/16/2024

Matrix: (soil/water) Water

Date Analyzed: 07/24/2024

Level: (low/med) LOW

Time Analyzed: 01:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
YDZF2	P3244-07	BG062201.D	07/24/2024
YDZF9	P3244-08	BG062202.D	07/24/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG072324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3263-21MS	Client Sample ID:	A4CL0MS				DataFile:	BG062193.D			
1,4-Dioxane	560		300	ug/Kg	54				15	120	
Benzaldehyde	1400		830	ug/Kg	59				0	0	
Pyridine	1400		350	ug/Kg	25				0	0	
Phenol	1400		860	ug/Kg	61				26	90	
Bis(2-chloroethyl)ether	1400		780	ug/Kg	56				0	0	
2-Chlorophenol	1400		820	ug/Kg	59				25	102	
2-Methylphenol	1400		820	ug/Kg	59				0	0	
2,2-oxybis(1-Chloropropane)	1400		770	ug/Kg	55				0	0	
Acetophenone	1400		790	ug/Kg	56				0	0	
4-Methylphenol	1400		860	ug/Kg	61				0	0	
N-Nitroso-di-n-propylamine	1400		750	ug/Kg	54				41	126	
Hexachloroethane	1400		650	ug/Kg	46				0	0	
Nitrobenzene	1400		820	ug/Kg	59				0	0	
Isophorone	1400		770	ug/Kg	55				0	0	
2-Nitrophenol	1400		880	ug/Kg	63				0	0	
2,4-Dimethylphenol	1400		660	ug/Kg	47				0	0	
Bis(2-chloroethoxy)methane	1400		800	ug/Kg	57				0	0	
2,4-Dichlorophenol	1400		970	ug/Kg	69				0	0	
Naphthalene	1400		920	ug/Kg	66				0	0	
4-Chloroaniline	1400		370	ug/Kg	26				0	0	
Hexachlorobutadiene	1400		930	ug/Kg	66				0	0	
Caprolactam	1400		830	ug/Kg	59				0	0	
4-Chloro-3-methylphenol	1400		910	ug/Kg	65				26	103	
1-Methylnaphthalene	1400		880	ug/Kg	63				0	0	
2-Methylnaphthalene	1400		900	ug/Kg	64				0	0	
Hexachlorocyclopentadiene	1400		310	ug/Kg	22				0	0	
2,4,6-Trichlorophenol	1400		990	ug/Kg	71				0	0	
2,4,5-Trichlorophenol	1400		960	ug/Kg	69				0	0	
1,1'-Biphenyl	1400		890	ug/Kg	64				0	0	
2-Chloronaphthalene	1400		890	ug/Kg	64				0	0	
2-Nitroaniline	1400		890	ug/Kg	64				0	0	
Dimethylphthalate	1400		800	ug/Kg	57				0	0	
2,6-Dinitrotoluene	1400		900	ug/Kg	64				0	0	
Acenaphthylene	1400		860	ug/Kg	61				0	0	
3-Nitroaniline	1400		720	ug/Kg	51				0	0	
Acenaphthene	1400		870	ug/Kg	62				31	137	
2,4-Dinitrophenol	1400		650	ug/Kg	46				0	0	
4-Nitrophenol	1400		760	ug/Kg	54				11	114	
Dibenzofuran	1400		880	ug/Kg	63				0	0	
2,4-Dinitrotoluene	1400		800	ug/Kg	57				28	89	
Diethylphthalate	1400		780	ug/Kg	56				0	0	
Fluorene	1400		870	ug/Kg	62				0	0	
4-Chlorophenyl-phenylether	1400		830	ug/Kg	59				0	0	
4-Nitroaniline	1400		770	ug/Kg	55				0	0	
4,6-Dinitro-2-methylphenol	1400		840	ug/Kg	60				0	0	
N-Nitrosodiphenylamine	1400		960	ug/Kg	69				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG072324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1400		900	ug/Kg	64				0	0	
4-Bromophenyl-phenylether	1400		950	ug/Kg	68				0	0	
Hexachlorobenzene	1400		740	ug/Kg	53				0	0	
Atrazine	1400		640	ug/Kg	46				0	0	
Pentachlorophenol	1400		810	ug/Kg	58				17	109	
Phenanthrene	1400	480	1300	ug/Kg	59				0	0	
Pentachlorobenzene	1400		940	ug/Kg	67				0	0	
Anthracene	1400	87	920	ug/Kg	60				0	0	
1,2,3,4-Tetrachlorobenzene	1400		1000	ug/Kg	71				0	0	
Carbazole	1400	41	840	ug/Kg	57				0	0	
Di-n-butylphthalate	1400		850	ug/Kg	61				0	0	
Fluoranthene	1400	770	1500	ug/Kg	52				0	0	
Pyrene	1400	580	1200	ug/Kg	44				35	142	
Butylbenzylphthalate	1400		910	ug/Kg	65				0	0	
3,3'-Dichlorobenzidine	1400			ug/Kg	0				0	0	
Benzo(a)anthracene	1400	390	1200	ug/Kg	58				0	0	
Chrysene	1400	410	1200	ug/Kg	56				0	0	
Bis(2-ethylhexyl)phthalate	1400	110	980	ug/Kg	62				0	0	
Di-n-octylphthalate	1400		900	ug/Kg	64				0	0	
Benzo(b)fluoranthene	1400	470	1200	ug/Kg	52				0	0	
Benzo(k)fluoranthene	1400	180	1100	ug/Kg	66				0	0	
Benzo(a)pyrene	1400	210	630	ug/Kg	30				0	0	
Indeno(1,2,3-cd)pyrene	1400	160	870	ug/Kg	51				0	0	
Dibenzo(a,h)anthracene	1400	77	1000	ug/Kg	66				0	0	
Benzo(g,h,i)perylene	1400		110	ug/Kg	8				0	0	
2,3,4,6-Tetrachlorophenol	1400		890	ug/Kg	64				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG072324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3263-22MSD	Client Sample ID:	A4CL0MSD				DataFile:	BG062194.D			
1,4-Dioxane	560		290	ug/Kg	52		4		15	120	50
Benzaldehyde	1400		870	ug/Kg	62		5	*	0	0	0
Pyridine	1400		420	ug/Kg	30		18	*	0	0	0
Phenol	1400		840	ug/Kg	60		2		26	90	35
Bis(2-chloroethyl)ether	1400		780	ug/Kg	56		0		0	0	0
2-Chlorophenol	1400		840	ug/Kg	60		2		25	102	50
2-Methylphenol	1400		830	ug/Kg	59		0		0	0	0
2,2-oxybis(1-Chloropropane)	1400		810	ug/Kg	58		5	*	0	0	0
Acetophenone	1400		850	ug/Kg	61		9	*	0	0	0
4-Methylphenol	1400		860	ug/Kg	61		0		0	0	0
N-Nitroso-di-n-propylamine	1400		790	ug/Kg	56		4		41	126	38
Hexachloroethane	1400		690	ug/Kg	49		6	*	0	0	0
Nitrobenzene	1400		840	ug/Kg	60		2	*	0	0	0
Isophorone	1400		760	ug/Kg	54		2	*	0	0	0
2-Nitrophenol	1400		850	ug/Kg	61		3	*	0	0	0
2,4-Dimethylphenol	1400		540	ug/Kg	39		19	*	0	0	0
Bis(2-chloroethoxy)methane	1400		780	ug/Kg	56		2	*	0	0	0
2,4-Dichlorophenol	1400		910	ug/Kg	65		6	*	0	0	0
Naphthalene	1400		890	ug/Kg	64		3	*	0	0	0
4-Chloroaniline	1400		380	ug/Kg	27		4	*	0	0	0
Hexachlorobutadiene	1400		910	ug/Kg	65		2	*	0	0	0
Caprolactam	1400		740	ug/Kg	53		11	*	0	0	0
4-Chloro-3-methylphenol	1400		860	ug/Kg	61		6		26	103	33
1-Methylnaphthalene	1400		850	ug/Kg	61		3	*	0	0	0
2-Methylnaphthalene	1400		890	ug/Kg	64		0		0	0	0
Hexachlorocyclopentadiene	1400		350	ug/Kg	25		13	*	0	0	0
2,4,6-Trichlorophenol	1400		990	ug/Kg	71		0		0	0	0
2,4,5-Trichlorophenol	1400		970	ug/Kg	69		0		0	0	0
1,1'-Biphenyl	1400		950	ug/Kg	68		6	*	0	0	0
2-Chloronaphthalene	1400		930	ug/Kg	66		3	*	0	0	0
2-Nitroaniline	1400		950	ug/Kg	68		6	*	0	0	0
Dimethylphthalate	1400		830	ug/Kg	59		3	*	0	0	0
2,6-Dinitrotoluene	1400		860	ug/Kg	61		5	*	0	0	0
Acenaphthylene	1400		890	ug/Kg	64		5	*	0	0	0
3-Nitroaniline	1400		700	ug/Kg	50		2	*	0	0	0
Acenaphthene	1400		900	ug/Kg	64		3		31	137	19
2,4-Dinitrophenol	1400		630	ug/Kg	45		2	*	0	0	0
4-Nitrophenol	1400		820	ug/Kg	59		9		11	114	50
Dibenzofuran	1400		890	ug/Kg	64		2	*	0	0	0
2,4-Dinitrotoluene	1400		830	ug/Kg	59		3		28	89	47
Diethylphthalate	1400		810	ug/Kg	58		4	*	0	0	0
Fluorene	1400		890	ug/Kg	64		3	*	0	0	0
4-Chlorophenyl-phenylether	1400		860	ug/Kg	61		3	*	0	0	0
4-Nitroaniline	1400		750	ug/Kg	54		2	*	0	0	0
4,6-Dinitro-2-methylphenol	1400		890	ug/Kg	64		6	*	0	0	0
N-Nitrosodiphenylamine	1400		1000	ug/Kg	71		3	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BG072324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1400		960	ug/Kg	69	8	*		0	0	0
4-Bromophenyl-phenylether	1400		990	ug/Kg	71	4	*		0	0	0
Hexachlorobenzene	1400		770	ug/Kg	55	4	*		0	0	0
Atrazine	1400		650	ug/Kg	46	0			0	0	0
Pentachlorophenol	1400		860	ug/Kg	61	5			17	109	47
Phenanthrene	1400	480	1300	ug/Kg	59	0			0	0	0
Pentachlorobenzene	1400		990	ug/Kg	71	6	*		0	0	0
Anthracene	1400	87	940	ug/Kg	61	2	*		0	0	0
1,2,3,4-Tetrachlorobenzene	1400		1100	ug/Kg	79	11	*		0	0	0
Carbazole	1400	41	860	ug/Kg	58	2	*		0	0	0
Di-n-butylphthalate	1400		860	ug/Kg	61	0			0	0	0
Fluoranthene	1400	770	1600	ug/Kg	59	13	*		0	0	0
Pyrene	1400	580	1300	ug/Kg	51	15			35	142	36
Butylbenzylphthalate	1400		940	ug/Kg	67	3	*		0	0	0
3,3'-Dichlorobenzidine	1400			ug/Kg	0				0	0	0
Benzo(a)anthracene	1400	390	1300	ug/Kg	65	11	*		0	0	0
Chrysene	1400	410	1300	ug/Kg	64	13	*		0	0	0
Bis(2-ethylhexyl)phthalate	1400	110	1000	ug/Kg	64	3	*		0	0	0
Di-n-octylphthalate	1400		920	ug/Kg	66	3	*		0	0	0
Benzo(b)fluoranthene	1400	470	1300	ug/Kg	59	13	*		0	0	0
Benzo(k)fluoranthene	1400	180	1100	ug/Kg	66	0			0	0	0
Benzo(a)pyrene	1400	210	650	ug/Kg	31	3	*		0	0	0
Indeno(1,2,3-cd)pyrene	1400	160	870	ug/Kg	51	0			0	0	0
Dibenzo(a,h)anthracene	1400	77	1000	ug/Kg	66	0			0	0	0
Benzo(g,h,i)perylene	1400		130	ug/Kg	9	12	*		0	0	0
2,3,4,6-Tetrachlorophenol	1400		860	ug/Kg	61	5	*		0	0	0



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Surrogate Summary

SW-846

SDG No.: BG072324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162089BS	PB162089BS	BG062195.D	1,4-Dioxane-d8	8	5.70	71		15	120
			Pyridine-d5	40	25.30	63		20	120
			Phenol-d5	40	31.17	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.38	76		10	150
			2-Chlorophenol-d4	40	30.45	76		15	120
			4-Methylphenol-d8	40	29.92	75		10	140
			Nitrobenzene-d5	40	30.84	77		10	135
			2-Nitrophenol-d4	40	31.18	78		10	120
			2,4-Dichlorophenol-d3	40	34.18	85		10	140
			4-Chloroaniline-d4	40	27.32	68		1	145
			Dimethylphthalate-d6	40	30.82	77		10	145
			Acenaphthylene-d8	40	32.68	82		15	120
			4-Nitrophenol-d4	40	29.88	75		10	150
			Fluorene-d10	40	31.87	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.22	78		10	130
			Anthracene-d10	40	31.11	78		10	150
			Pyrene-d10	40	35.18	88		10	130
			Benzo(a)pyrene-d12	40	35.10	88		10	140

Surrogate Summary

SW-846

SDG No.: BG072324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3263-01	A4BA0	BG062183.D	1,4-Dioxane-d8	8	3.76	47		15	120
			Pyridine-d5	40	1.68	4	*	20	120
			Phenol-d5	40	16.25	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.23	41		10	150
			2-Chlorophenol-d4	40	17.03	43		15	120
			4-Methylphenol-d8	40	16.67	42		10	140
			Nitrobenzene-d5	40	14.65	37		10	135
			2-Nitrophenol-d4	40	17.08	43		10	120
			2,4-Dichlorophenol-d3	40	17.71	44		10	140
			4-Chloroaniline-d4	40	9.64	24		1	145
			Dimethylphthalate-d6	40	17.56	44		10	145
			Acenaphthylene-d8	40	18.47	46		15	120
			4-Nitrophenol-d4	40	17.33	43		10	150
			Fluorene-d10	40	19.02	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.73	37		10	130
			Anthracene-d10	40	18.98	47		10	150
			Pyrene-d10	40	18.20	45		10	130
			Benzo(a)pyrene-d12	40	14.26	36		10	140
P3263-02	A4BA2	BG062184.D	1,4-Dioxane-d8	8	5.36	67		15	120
			Pyridine-d5	40	3.19	8	*	20	120
			Phenol-d5	40	23.80	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.20	58		10	150
			2-Chlorophenol-d4	40	24.24	61		15	120
			4-Methylphenol-d8	40	23.73	59		10	140
			Nitrobenzene-d5	40	24.21	61		10	135
			2-Nitrophenol-d4	40	23.86	60		10	120
			2,4-Dichlorophenol-d3	40	26.48	66		10	140
			4-Chloroaniline-d4	40	9.44	24		1	145
			Dimethylphthalate-d6	40	23.61	59		10	145
			Acenaphthylene-d8	40	26.52	66		15	120
			4-Nitrophenol-d4	40	23.54	59		10	150
			Fluorene-d10	40	26.79	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.83	55		10	130
			Anthracene-d10	40	26.72	67		10	150
			Pyrene-d10	40	25.16	63		10	130
			Benzo(a)pyrene-d12	40	19.07	48		10	140
P3263-03	A4BA5	BG062185.D	1,4-Dioxane-d8	8	3.38	42		15	120
			Pyridine-d5	40	1.96	5	*	20	120
			Phenol-d5	40	22.22	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.66	54		10	150
			2-Chlorophenol-d4	40	22.51	56		15	120
			4-Methylphenol-d8	40	22.40	56		10	140
			Nitrobenzene-d5	40	21.48	54		10	135
			2-Nitrophenol-d4	40	24.70	62		10	120
			2,4-Dichlorophenol-d3	40	24.81	62		10	140
			4-Chloroaniline-d4	40	12.28	31		1	145
			Dimethylphthalate-d6	40	22.89	57		10	145
			Acenaphthylene-d8	40	24.77	62		15	120
			4-Nitrophenol-d4	40	22.60	56		10	150

Surrogate Summary

SW-846

SDG No.: BG072324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3263-03	A4BA5	BG062185.D	Fluorene-d10	40	24.30	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.42	49		10	130
			Anthracene-d10	40	25.44	64		10	150
			Pyrene-d10	40	24.11	60		10	130
			Benzo(a)pyrene-d12	40	18.08	45		10	140
P3263-05	A4BA7	BG062186.D	1,4-Dioxane-d8	8	3.26	41		15	120
			Pyridine-d5	40	6.33	16	*	20	120
			Phenol-d5	40	17.30	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.39	41		10	150
			2-Chlorophenol-d4	40	17.30	43		15	120
			4-Methylphenol-d8	40	18.36	46		10	140
			Nitrobenzene-d5	40	17.79	44		10	135
			2-Nitrophenol-d4	40	18.25	46		10	120
			2,4-Dichlorophenol-d3	40	19.44	49		10	140
			4-Chloroaniline-d4	40	14.59	36		1	145
			Dimethylphthalate-d6	40	18.65	47		10	145
			Acenaphthylene-d8	40	20.00	50		15	120
			4-Nitrophenol-d4	40	16.42	41		10	150
			Fluorene-d10	40	19.93	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.69	37		10	130
			Anthracene-d10	40	20.78	52		10	150
			Pyrene-d10	40	18.93	47		10	130
			Benzo(a)pyrene-d12	40	14.67	37		10	140
P3263-07	A4BB0	BG062187.D	1,4-Dioxane-d8	8	2.96	37		15	120
			Pyridine-d5	40	3.71	9	*	20	120
			Phenol-d5	40	18.88	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.53	44		10	150
			2-Chlorophenol-d4	40	18.69	47		15	120
			4-Methylphenol-d8	40	17.82	45		10	140
			Nitrobenzene-d5	40	17.71	44		10	135
			2-Nitrophenol-d4	40	17.91	45		10	120
			2,4-Dichlorophenol-d3	40	19.75	49		10	140
			4-Chloroaniline-d4	40	10.47	26		1	145
			Dimethylphthalate-d6	40	17.51	44		10	145
			Acenaphthylene-d8	40	18.96	47		15	120
			4-Nitrophenol-d4	40	16.60	42		10	150
			Fluorene-d10	40	19.16	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.31	36		10	130
			Anthracene-d10	40	20.10	50		10	150
			Pyrene-d10	40	19.20	48		10	130
			Benzo(a)pyrene-d12	40	14.74	37		10	140
P3263-10	A4BD6	BG062190.D	1,4-Dioxane-d8	8	4.43	55		15	120
			Pyridine-d5	40	4.64	12	*	20	120
			Phenol-d5	40	22.45	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.27	53		10	150
			2-Chlorophenol-d4	40	22.30	56		15	120
			4-Methylphenol-d8	40	21.62	54		10	140
			Nitrobenzene-d5	40	22.29	56		10	135
			2-Nitrophenol-d4	40	23.08	58		10	120

Surrogate Summary

SW-846

SDG No.: BG072324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3263-10	A4BD6	BG062190.D	2,4-Dichlorophenol-d3	40	24.04	60		10	140
			4-Chloroaniline-d4	40	11.28	28		1	145
			Dimethylphthalate-d6	40	22.88	57		10	145
			Acenaphthylene-d8	40	24.14	60		15	120
			4-Nitrophenol-d4	40	21.11	53		10	150
			Fluorene-d10	40	24.33	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.60	47		10	130
			Anthracene-d10	40	24.59	61		10	150
			Pyrene-d10	40	23.41	59		10	130
			Benzo(a)pyrene-d12	40	17.26	43		10	140
P3263-19	A4CK9	BG062191.D	1,4-Dioxane-d8	8	2.61	33		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	16.56	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.08	40		10	150
			2-Chlorophenol-d4	40	17.03	43		15	120
			4-Methylphenol-d8	40	16.68	42		10	140
			Nitrobenzene-d5	40	15.49	39		10	135
			2-Nitrophenol-d4	40	16.25	41		10	120
			2,4-Dichlorophenol-d3	40	17.35	43		10	140
			4-Chloroaniline-d4	40	1.02	3		1	145
			Dimethylphthalate-d6	40	17.04	43		10	145
			Acenaphthylene-d8	40	17.79	44		15	120
			4-Nitrophenol-d4	40	14.52	36		10	150
			Fluorene-d10	40	18.00	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.55	36		10	130
			Anthracene-d10	40	18.35	46		10	150
			Pyrene-d10	40	17.24	43		10	130
			Benzo(a)pyrene-d12	40	12.91	32		10	140
P3263-20	A4CL0	BG062192.D	1,4-Dioxane-d8	8	3.98	50		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	24.60	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.79	59		10	150
			2-Chlorophenol-d4	40	24.24	61		15	120
			4-Methylphenol-d8	40	24.45	61		10	140
			Nitrobenzene-d5	40	23.41	59		10	135
			2-Nitrophenol-d4	40	25.92	65		10	120
			2,4-Dichlorophenol-d3	40	27.04	68		10	140
			4-Chloroaniline-d4	40	4.15	10		1	145
			Dimethylphthalate-d6	40	24.40	61		10	145
			Acenaphthylene-d8	40	26.25	66		15	120
			4-Nitrophenol-d4	40	21.15	53		10	150
			Fluorene-d10	40	24.45	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.13	50		10	130
			Anthracene-d10	40	25.70	64		10	150
			Pyrene-d10	40	24.52	61		10	130
			Benzo(a)pyrene-d12	40	18.33	46		10	140
P3263-21MS	A4CL0MS	BG062193.D	1,4-Dioxane-d8	8	3.50	44		15	120
			Pyridine-d5	40	2.65	7	*	20	120
			Phenol-d5	40	18.64	47		10	130

Surrogate Summary

SW-846

SDG No.: BG072324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3263-21MS	A4CL0MS	BG062193.D	Bis(2-Chloroethyl)ether-d8	40	18.68	47		10	150
			2-Chlorophenol-d4	40	19.71	49		15	120
			4-Methylphenol-d8	40	18.34	46		10	140
			Nitrobenzene-d5	40	21.03	53		10	135
			2-Nitrophenol-d4	40	21.35	53		10	120
			2,4-Dichlorophenol-d3	40	22.69	57		10	140
			4-Chloroaniline-d4	40	7.44	19		1	145
			Dimethylphthalate-d6	40	19.27	48		10	145
			Acenaphthylene-d8	40	20.98	52		15	120
			4-Nitrophenol-d4	40	16.17	40		10	150
			Fluorene-d10	40	20.40	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.44	49		10	130
			Anthracene-d10	40	21.41	54		10	150
			Pyrene-d10	40	19.80	49		10	130
			Benzo(a)pyrene-d12	40	15.29	38		10	140
P3263-22MSD	A4CL0MSD	BG062194.D	1,4-Dioxane-d8	8	3.47	43		15	120
			Pyridine-d5	40	3.69	9	*	20	120
			Phenol-d5	40	19.68	49		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.61	49		10	150
			2-Chlorophenol-d4	40	21.74	54		15	120
			4-Methylphenol-d8	40	19.77	49		10	140
			Nitrobenzene-d5	40	20.78	52		10	135
			2-Nitrophenol-d4	40	20.58	51		10	120
			2,4-Dichlorophenol-d3	40	23.10	58		10	140
			4-Chloroaniline-d4	40	7.47	19		1	145
			Dimethylphthalate-d6	40	21.05	53		10	145
			Acenaphthylene-d8	40	22.40	56		15	120
			4-Nitrophenol-d4	40	17.88	45		10	150
			Fluorene-d10	40	21.76	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.20	53		10	130
			Anthracene-d10	40	22.15	55		10	150
			Pyrene-d10	40	21.29	53		10	130
PB162098BL	PB162098BL	BG062182.D	Benzo(a)pyrene-d12	40	16.46	41		10	140
			Pyridine-d5	40	26.18	65		20	120
			1,4-Dioxane-d8	8	6.30	79		15	120
			Phenol-d5	40	24.09	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.27	58		10	150
			2-Chlorophenol-d4	40	24.49	61		15	120
			4-Methylphenol-d8	40	23.61	59		10	140
			Nitrobenzene-d5	40	23.76	59		10	135
			2-Nitrophenol-d4	40	24.71	62		10	120
			2,4-Dichlorophenol-d3	40	24.74	62		10	140
			4-Chloroaniline-d4	40	24.04	60		1	145
			Dimethylphthalate-d6	40	24.12	60		10	145
			Acenaphthylene-d8	40	25.65	64		15	120
			4-Nitrophenol-d4	40	24.39	61		10	150
			Fluorene-d10	40	25.40	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.94	45		10	130
			Anthracene-d10	40	26.74	67		10	150



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Surrogate Summary

SW-846

SDG No.: BG072324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162098BL	PB162098BL	BG062182.D	Pyrene-d10	40	27.28	68		10	130
			Benzo(a)pyrene-d12	40	26.95	67		10	140

Surrogate Summary

SW-846

SDG No.: BG072324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3244-01	YDZD0	BG062196.D	1,4-Dioxane-d8	8	4.02	50		15	120
			Pyridine-d5	40	10.25	26		20	120
			Phenol-d5	40	5.84	15		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.44	26		25	120
			2-Chlorophenol-d4	40	12.77	32		20	130
			4-Methylphenol-d8	40	11.92	30		25	125
			Nitrobenzene-d5	40	11.05	28		20	125
			2-Nitrophenol-d4	40	10.55	26		20	130
			2,4-Dichlorophenol-d3	40	13.05	33		20	120
			4-Chloroaniline-d4	40	2.55	6		1	146
			Dimethylphthalate-d6	40	10.10	25		25	130
			Acenaphthylene-d8	40	10.50	26		10	130
			4-Nitrophenol-d4	40	10.19	25		10	150
			Fluorene-d10	40	10.74	27		25	125
			4,6-Dinitro-2-methylphenol-d2	40	9.82	25		10	130
			Anthracene-d10	40	11.41	29		25	130
			Pyrene-d10	40	12.23	31		15	130
			Benzo(a)pyrene-d12	40	11.70	29		20	130
P3244-02	YDZD2	BG062197.D	1,4-Dioxane-d8	8	3.26	41		15	120
			Pyridine-d5	40	6.67	17	*	20	120
			Phenol-d5	40	5.46	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.12	33		25	120
			2-Chlorophenol-d4	40	14.25	36		20	130
			4-Methylphenol-d8	40	11.43	29		25	125
			Nitrobenzene-d5	40	13.63	34		20	125
			2-Nitrophenol-d4	40	13.39	33		20	130
			2,4-Dichlorophenol-d3	40	14.07	35		20	120
			4-Chloroaniline-d4	40	3.18	8		1	146
			Dimethylphthalate-d6	40	12.99	32		25	130
			Acenaphthylene-d8	40	14.04	35		10	130
			4-Nitrophenol-d4	40	10.64	27		10	150
			Fluorene-d10	40	13.84	35		25	125
			4,6-Dinitro-2-methylphenol-d2	40	8.60	22		10	130
			Anthracene-d10	40	14.22	36		25	130
			Pyrene-d10	40	15.44	39		15	130
			Benzo(a)pyrene-d12	40	14.78	37		20	130
P3244-03	YDZD4	BG062198.D	1,4-Dioxane-d8	8	3.47	43		15	120
			Pyridine-d5	40	12.35	31		20	120
			Phenol-d5	40	5.50	14		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.51	49		25	120
			2-Chlorophenol-d4	40	16.72	42		20	130
			4-Methylphenol-d8	40	11.53	29		25	125
			Nitrobenzene-d5	40	22.03	55		20	125
			2-Nitrophenol-d4	40	19.48	49		20	130
			2,4-Dichlorophenol-d3	40	20.10	50		20	120
			4-Chloroaniline-d4	40	12.76	32		1	146
			Dimethylphthalate-d6	40	20.84	52		25	130
			Acenaphthylene-d8	40	22.16	55		10	130
			4-Nitrophenol-d4	40	9.16	23		10	150

Surrogate Summary

SW-846

SDG No.: BG072324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3244-03	YDZD4	BG062198.D	Fluorene-d10	40	20.94	52		25	125
			4,6-Dinitro-2-methylphenol-d2	40	5.33	13		10	130
			Anthracene-d10	40	22.20	56		25	130
			Pyrene-d10	40	23.08	58		15	130
			Benzo(a)pyrene-d12	40	22.21	56		20	130
P3244-04	YDZD5	BG062199.D	1,4-Dioxane-d8	8	2.79	35		15	120
			Pyridine-d5	40	9.65	24		20	120
			Phenol-d5	40	3.84	10		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.39	38		25	120
			2-Chlorophenol-d4	40	10.46	26		20	130
			4-Methylphenol-d8	40	9.26	23	*	25	125
			Nitrobenzene-d5	40	18.27	46		20	125
			2-Nitrophenol-d4	40	11.71	29		20	130
			2,4-Dichlorophenol-d3	40	13.06	33		20	120
			4-Chloroaniline-d4	40	8.52	21		1	146
			Dimethylphthalate-d6	40	18.56	46		25	130
			Acenaphthylene-d8	40	18.89	47		10	130
			4-Nitrophenol-d4	40	7.40	18		10	150
			Fluorene-d10	40	19.05	48		25	125
			4,6-Dinitro-2-methylphenol-d2	40	2.16	5	*	10	130
			Anthracene-d10	40	19.80	49		25	130
			Pyrene-d10	40	20.79	52		15	130
			Benzo(a)pyrene-d12	40	20.20	51		20	130
P3244-06	YDZF1	BG062200.D	1,4-Dioxane-d8	8	3.43	43		15	120
			Pyridine-d5	40	9.10	23		20	120
			Phenol-d5	40	10.06	25		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.32	56		25	120
			2-Chlorophenol-d4	40	23.89	60		20	130
			4-Methylphenol-d8	40	20.34	51		25	125
			Nitrobenzene-d5	40	24.82	62		20	125
			2-Nitrophenol-d4	40	23.54	59		20	130
			2,4-Dichlorophenol-d3	40	25.80	65		20	120
			4-Chloroaniline-d4	40	16.28	41		1	146
			Dimethylphthalate-d6	40	23.58	59		25	130
			Acenaphthylene-d8	40	24.70	62		10	130
			4-Nitrophenol-d4	40	5.48	14		10	150
			Fluorene-d10	40	24.45	61		25	125
			4,6-Dinitro-2-methylphenol-d2	40	10.52	26		10	130
			Anthracene-d10	40	27.54	69		25	130
			Pyrene-d10	40	29.46	74		15	130
			Benzo(a)pyrene-d12	40	29.39	73		20	130
PB162100BL	PB162100BL	BG062189.D	Pyridine-d5	40	21.97	55		20	120
			1,4-Dioxane-d8	8	5.20	65		15	120
			Phenol-d5	40	25.86	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.86	60		25	120
			2-Chlorophenol-d4	40	25.42	64		20	130
			4-Methylphenol-d8	40	25.97	65		25	125
			Nitrobenzene-d5	40	24.89	62		20	125
			2-Nitrophenol-d4	40	26.55	66		20	130

Surrogate Summary

SW-846

SDG No.: **BG072324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162100BL	PB162100BL	BG062189.D	2,4-Dichlorophenol-d3	40	26.62	67		20	120
			4-Chloroaniline-d4	40	25.53	64		1	146
			Dimethylphthalate-d6	40	24.48	61		25	130
			Acenaphthylene-d8	40	26.27	66		10	130
			4-Nitrophenol-d4	40	22.16	55		10	150
			Fluorene-d10	40	26.11	65		25	125
			4,6-Dinitro-2-methylphenol-d2	40	17.99	45		10	130
			Anthracene-d10	40	27.15	68		25	130
			Pyrene-d10	40	28.70	72		15	130
			Benzo(a)pyrene-d12	40	27.89	70		20	130
PB162100BS	PB162100BS	BG062203.D	1,4-Dioxane-d8	8	5.43	68		15	120
			Pyridine-d5	40	24.77	62		20	120
			Phenol-d5	40	26.75	67		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.14	60		25	120
			2-Chlorophenol-d4	40	25.72	64		20	130
			4-Methylphenol-d8	40	25.87	65		25	125
			Nitrobenzene-d5	40	24.66	62		20	125
			2-Nitrophenol-d4	40	26.57	66		20	130
			2,4-Dichlorophenol-d3	40	27.75	69		20	120
			4-Chloroaniline-d4	40	22.46	56		1	146
			Dimethylphthalate-d6	40	23.93	60		25	130
			Acenaphthylene-d8	40	25.93	65		10	130
			4-Nitrophenol-d4	40	17.30	43		10	150
			Fluorene-d10	40	25.50	64		25	125
			4,6-Dinitro-2-methylphenol-d2	40	14.80	37		10	130
			Anthracene-d10	40	26.23	66		25	130
			Pyrene-d10	40	28.05	70		15	130
			Benzo(a)pyrene-d12	40	28.53	71		20	130

Surrogate Summary

SW-846

SDG No.: **BG072324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3244-07	YDZF2	BG062201.D	1,4-Dioxane-d8	8	3.77	47		15	120
			Pyridine-d5	40	10.59	26		20	120
			Phenol-d5	40	10.75	27		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.85	60		25	120
			2-Chlorophenol-d4	40	24.91	62		20	130
			4-Methylphenol-d8	40	21.70	54		25	125
			Nitrobenzene-d5	40	24.13	60		20	125
			2-Nitrophenol-d4	40	25.11	63		20	130
			2,4-Dichlorophenol-d3	40	27.13	68		20	120
			4-Chloroaniline-d4	40	9.14	23		1	146
			Dimethylphthalate-d6	40	24.92	62		25	130
			Acenaphthylene-d8	40	26.64	67		10	130
			4-Nitrophenol-d4	40	6.98	17		10	150
			Fluorene-d10	40	25.94	65		25	125
			4,6-Dinitro-2-methylphenol-d2	40	14.93	37		10	130
			Anthracene-d10	40	27.82	70		25	130
			Pyrene-d10	40	29.57	74		15	130
			Benzo(a)pyrene-d12	40	27.90	70		20	130
P3244-08	YDZF9	BG062202.D	1,4-Dioxane-d8	8	4.27	53		15	120
			Pyridine-d5	40	9.94	25		20	120
			Phenol-d5	40	8.98	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.95	60		25	120
			2-Chlorophenol-d4	40	23.59	59		20	130
			4-Methylphenol-d8	40	20.41	51		25	125
			Nitrobenzene-d5	40	24.61	62		20	125
			2-Nitrophenol-d4	40	25.63	64		20	130
			2,4-Dichlorophenol-d3	40	27.77	69		20	120
			4-Chloroaniline-d4	40	22.22	56		1	146
			Dimethylphthalate-d6	40	26.50	66		25	130
			Acenaphthylene-d8	40	26.91	67		10	130
			4-Nitrophenol-d4	40	5.37	13		10	150
			Fluorene-d10	40	26.98	67		25	125
			4,6-Dinitro-2-methylphenol-d2	40	14.41	36		10	130
			Anthracene-d10	40	30.47	76		25	130
			Pyrene-d10	40	31.96	80		15	130
			Benzo(a)pyrene-d12	40	32.69	82		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG072324

Lab Code: CHEM

SAS No.: BG072324 SDG NO.: BG072324

Lab File ID: BG062180.D

DFTPP Injection Date: 07/23/2024

Instrument ID: BNA_G

DFTPP Injection Time: 10:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.8
68	Less than 2.0% of mass 69	0.3 (0.8) 1
69	Mass 69 relative abundance	35.1
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	37
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	7.2
275	10.0 - 60.0% of mass 198	31.1
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	6.3
442	Greater than 50% of mass 198	55.7
443	15.0 - 24.0% of mass 442	10.1 (18.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020584	SSTDCCC020	BG062181.D	07/23/2024	11:50
SBLK098	PB162098BL	BG062182.D	07/23/2024	12:30
A4BA0	P3263-01	BG062183.D	07/23/2024	13:11
A4BA2	P3263-02	BG062184.D	07/23/2024	13:51
A4BA5	P3263-03	BG062185.D	07/23/2024	14:31
A4BA7	P3263-05	BG062186.D	07/23/2024	15:11
A4BB0	P3263-07	BG062187.D	07/23/2024	15:52
SSTD020585	SSTDCCC020	BG062188.D	07/23/2024	16:33
SBLK100	PB162100BL	BG062189.D	07/23/2024	17:14
A4BD6	P3263-10	BG062190.D	07/23/2024	17:55
A4CK9	P3263-19	BG062191.D	07/23/2024	18:36
A4CL0	P3263-20	BG062192.D	07/23/2024	19:17
A4CL0MS	P3263-21MS	BG062193.D	07/23/2024	19:58
A4CL0MSD	P3263-22MSD	BG062194.D	07/23/2024	20:39
SLCS089	PB162089BS	BG062195.D	07/23/2024	21:20
YDZD0	P3244-01	BG062196.D	07/23/2024	22:01
YDZD2	P3244-02	BG062197.D	07/23/2024	22:42
YDZD4	P3244-03	BG062198.D	07/23/2024	23:22

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG072324

Lab Code: CHEM

SAS No.: BG072324

SDG NO.: BG072324

Lab File ID: BG062180.D

DFTPP Injection Date: 07/23/2024

Instrument ID: BNA_G

DFTPP Injection Time: 10:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.8
68	Less than 2.0% of mass 69	0.3 (0.8) 1
69	Mass 69 relative abundance	35.1
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	37
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	7.2
275	10.0 - 60.0% of mass 198	31.1
365	Greater than 1% of mass 198	4.1
441	Present, but less than mass 443	6.3
442	Greater than 50% of mass 198	55.7
443	15.0 - 24.0% of mass 442	10.1 (18.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
YDZD5	P3244-04	BG062199.D	07/24/2024	00:03
YDZF1	P3244-06	BG062200.D	07/24/2024	00:44
YDZF2	P3244-07	BG062201.D	07/24/2024	01:25
YDZF9	P3244-08	BG062202.D	07/24/2024	02:05
SLCS100	PB162100BS	BG062203.D	07/24/2024	02:46
SSTD020586	SSTDCCC020EC	BG062204.D	07/24/2024	04:07