

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP072324 SAS No.: BP072324 SDG No.: BP072324

Instrument ID: BNA_P Calibration Date/Time: 7/23/2024 1:12:14

Lab File ID: BP021095.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020699 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.483	0.448	0.010	-7.2238	40.0
Benzaldehyde	0.822	0.907	0.010	10.277	40.0
Pyridine	1.312	1.215	0.010	-7.3897	40.0
Phenol	1.650	1.493	0.080	-9.5089	20.0
Bis(2-Chloroethyl)ether	1.363	1.213	0.100	-11.0393	20.0
2-Chlorophenol	1.346	1.245	0.200	-7.5582	20.0
2-Methylphenol	1.276	1.155	0.010	-9.4635	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.679	0.010	-14.7134	40.0
Acetophenone	2.090	1.871	0.060	-10.4993	20.0
4-Methylphenol	1.367	1.244	0.010	-9.0101	20.0
N-Nitroso-di-n-propylamine	1.095	0.924	0.050	-15.6677	30.0
Hexachloroethane	0.605	0.530	0.100	-12.4215	20.0
Nitrobenzene	0.372	0.354	0.050	-4.848	25.0
Isophorone	0.740	0.656	0.050	-11.3607	25.0
2-Nitrophenol	0.185	0.179	0.050	-3.3519	25.0
2,4-Dimethylphenol	0.366	0.341	0.050	-6.6989	25.0
Bis(2-Chloroethoxy)methane	0.450	0.398	0.050	-11.5587	20.0
2,4-Dichlorophenol	0.317	0.293	0.060	-7.5328	20.0
Naphthalene	1.052	0.980	0.200	-6.8026	20.0
4-Chloroaniline	0.407	0.392	0.010	-3.7265	40.0
Hexachlorobutadiene	0.238	0.220	0.040	-7.4358	30.0
Caprolactam	0.098	0.099	0.010	1.5648	40.0
4-Chloro-3-methylphenol	0.344	0.320	0.040	-6.9461	25.0
1-Methylnaphthalene	0.743	0.684	0.100	-7.9549	20.0
2-Methylnaphthalene	0.722	0.660	0.100	-8.5844	20.0
Hexachlorocyclopentadiene	0.340	0.330	0.010	-2.9569	40.0
2,4,6-Trichlorophenol	0.410	0.376	0.090	-8.4374	25.0
2,4,5-Trichlorophenol	0.434	0.404	0.100	-6.9549	25.0
1,1-Biphenyl	1.462	1.338	0.200	-8.4828	20.0
2-Chloronaphthalene	1.167	1.090	0.300	-6.5707	20.0
2-Nitroaniline	0.323	0.314	0.050	-2.5546	40.0
Dimethylphthalate	1.475	1.360	0.300	-7.814	20.0
2,6-Dinitrotoluene	0.295	0.283	0.080	-4.027	30.0
Acenaphthylene	1.848	1.740	0.400	-5.8562	20.0
3-Nitroaniline	0.257	0.277	0.010	7.8701	40.0
Acenaphthene	1.227	1.152	0.200	-6.0851	20.0
2,4-Dinitrophenol	0.155	0.199	0.010	28.2216	40.0
4-Nitrophenol	0.168	0.182	0.010	8.4263	40.0
Dibenzofuran	1.680	1.607	0.300	-4.3422	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP072324 SAS No.: BP072324 SDG No.: BP072324

Instrument ID: BNA_P Calibration Date/Time: 7/23/2024 1:12:14

Lab File ID: BP021095.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020699 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.405	0.415	0.070	2.3799	30.0
Diethylphthalate	1.474	1.344	0.300	-8.8337	20.0
Fluorene	1.371	1.314	0.200	-4.181	20.0
4-Chlorophenyl-phenylether	0.744	0.687	0.100	-7.6392	20.0
4-Nitroaniline	0.213	0.285	0.010	34.1	40.0
4,6-Dinitro-2-methylphenol	0.128	0.114	0.010	-10.8071	40.0
N-Nitrosodiphenylamine	0.582	0.516	0.050	-11.368	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.610	0.100	-6.0635	20.0
4-Bromophenyl-phenylether	0.234	0.206	0.070	-12.0843	20.0
Hexachlorobenzene	0.269	0.248	0.050	-7.6457	25.0
Atrazine	0.212	0.203	0.010	-4.4008	25.0
Pentachlorophenol	0.146	0.137	0.010	-6.2397	40.0
Phenanthrene	1.038	0.993	0.200	-4.3294	20.0
Pentachlorobenzene	0.318	0.277	0.050	-12.957	20.0
Anthracene	1.058	1.009	0.200	-4.5653	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.275	0.050	-14.1414	20.0
Carbazole	0.865	0.917	0.050	6.0353	40.0
Di-n-butylphthalate	1.193	1.102	0.500	-7.6521	25.0
Fluoranthene	1.493	1.179	0.400	-21.0506	25.0
Pyrene	1.520	1.228	0.400	-19.1745	25.0
Butylbenzylphthalate	0.633	0.497	0.100	-21.5282	40.0
3,3-Dichlorobenzidine	0.457	0.439	0.010	-4.0082	40.0
Benzo (a) anthracene	1.401	1.303	0.300	-6.9798	30.0
Chrysene	1.302	1.213	0.200	-6.7883	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.710	0.200	-22.0808	40.0
Di-n-octyl phthalate	1.321	1.011	0.010	-23.4844	40.0
Benzo (b) fluoranthene	1.214	1.084	0.200	-10.7156	25.0
Benzo (k) fluoranthene	1.211	1.098	0.200	-9.3862	25.0
Benzo (a) pyrene	1.147	1.055	0.200	-8.0259	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.389	0.200	-6.0331	25.0
Dibenzo (a,h) anthracene	1.224	1.147	0.200	-6.2827	30.0
Benzo (g,h,i) perylene	1.204	1.123	0.200	-6.6717	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.337	0.040	-9.4944	20.0
1,4-Dioxane-d8	0.440	0.420	0.010	-4.325	25.0
Pyridine-d5	1.272	1.142	0.010	-10.2455	40.0
Phenol-d5	1.631	1.502	0.010	-7.8826	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.876	0.050	-11.3546	25.0
2-Chlorophenol-d4	1.343	1.264	0.200	-5.9315	20.0
4-Methylphenol-d8	1.354	1.180	0.010	-12.8525	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP072324 SAS No.: BP072324 SDG No.: BP072324

Instrument ID: BNA_P Calibration Date/Time: 7/23/2024 12:14

Lab File ID: BP021095.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020699 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.150	0.050	-3.3175	20.0
2-Nitrophenol-d4	0.178	0.170	0.050	-4.5241	30.0
2,4-Dichlorophenol-d3	0.322	0.303	0.060	-5.6826	20.0
4-Chloroaniline-d4	0.426	0.403	0.010	-5.3462	40.0
Dimethylphthalate-d6	1.454	1.333	0.300	-8.328	20.0
Acenaphthylene-d8	1.633	1.548	0.400	-5.1862	20.0
4-Nitrophenol-d4	0.207	0.261	0.010	26.3411	40.0
Fluorene-d10	1.193	1.165	0.100	-2.2991	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.106	0.010	-12.6165	40.0
Anthracene-d10	0.888	0.858	0.300	-3.439	20.0
Pyrene-d10	1.236	1.000	0.300	-19.1427	25.0
Benzo(a)pyrene-d12	0.986	0.911	0.010	-7.6529	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.: BP072324 SAS No.: BP072324 SDG No.: BP072324

Instrument ID: BNA_P Calibration Date/Time: 7/23/2024 1:18:39

Lab File ID: BP021104.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020700 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.483	0.430	0.010	-11.0176	40.0
Benzaldehyde	0.822	0.917	0.010	11.5313	40.0
Pyridine	1.312	1.197	0.010	-8.7563	40.0
Phenol	1.650	1.521	0.080	-7.8383	20.0
Bis(2-Chloroethyl)ether	1.363	1.199	0.100	-12.0674	20.0
2-Chlorophenol	1.346	1.239	0.200	-7.9778	20.0
2-Methylphenol	1.276	1.159	0.010	-9.1322	20.0
2,2-oxybis(1-Chloropropane)	1.969	1.702	0.010	-13.5559	40.0
Acetophenone	2.090	1.848	0.060	-11.6028	20.0
4-Methylphenol	1.367	1.234	0.010	-9.7006	20.0
N-Nitroso-di-n-propylamine	1.095	0.906	0.050	-17.2865	30.0
Hexachloroethane	0.605	0.533	0.100	-11.8739	20.0
Nitrobenzene	0.372	0.345	0.050	-7.1637	25.0
Isophorone	0.740	0.643	0.050	-13.0219	25.0
2-Nitrophenol	0.185	0.175	0.050	-5.4018	25.0
2,4-Dimethylphenol	0.366	0.338	0.050	-7.5747	25.0
Bis(2-Chloroethoxy)methane	0.450	0.392	0.050	-12.7416	20.0
2,4-Dichlorophenol	0.317	0.294	0.060	-7.264	20.0
Naphthalene	1.052	0.976	0.200	-7.2139	20.0
4-Chloroaniline	0.407	0.389	0.010	-4.3796	40.0
Hexachlorobutadiene	0.238	0.217	0.040	-8.5091	30.0
Caprolactam	0.098	0.094	0.010	-3.962	40.0
4-Chloro-3-methylphenol	0.344	0.322	0.040	-6.6485	25.0
1-Methylnaphthalene	0.743	0.665	0.100	-10.5286	20.0
2-Methylnaphthalene	0.722	0.640	0.100	-11.3859	20.0
Hexachlorocyclopentadiene	0.340	0.293	0.010	-13.753	40.0
2,4,6-Trichlorophenol	0.410	0.381	0.090	-7.1924	25.0
2,4,5-Trichlorophenol	0.434	0.405	0.100	-6.7169	25.0
1,1-Biphenyl	1.462	1.334	0.200	-8.763	20.0
2-Chloronaphthalene	1.167	1.099	0.300	-5.7894	20.0
2-Nitroaniline	0.323	0.313	0.050	-2.8907	40.0
Dimethylphthalate	1.475	1.349	0.300	-8.5416	20.0
2,6-Dinitrotoluene	0.295	0.278	0.080	-5.7856	30.0
Acenaphthylene	1.848	1.759	0.400	-4.8439	20.0
3-Nitroaniline	0.257	0.280	0.010	9.1766	40.0
Acenaphthene	1.227	1.163	0.200	-5.2371	20.0
2,4-Dinitrophenol	0.155	0.182	0.010	17.5928	40.0
4-Nitrophenol	0.168	0.192	0.010	14.3678	40.0
Dibenzofuran	1.680	1.607	0.300	-4.3314	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP072324 SAS No.: BP072324 SDG No.: BP072324

Instrument ID: BNA_P Calibration Date/Time: 7/23/2024 1:18:39

Lab File ID: BP021104.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020700 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.405	0.418	0.070	3.2227	30.0
Diethylphthalate	1.474	1.342	0.300	-9.0051	20.0
Fluorene	1.371	1.311	0.200	-4.3782	20.0
4-Chlorophenyl-phenylether	0.744	0.683	0.100	-8.1608	20.0
4-Nitroaniline	0.213	0.297	0.010	39.5234	40.0
4,6-Dinitro-2-methylphenol	0.128	0.105	0.010	-17.9471	40.0
N-Nitrosodiphenylamine	0.582	0.514	0.050	-11.6786	20.0
1,2,4,5-Tetrachlorobenzene	0.650	0.608	0.100	-6.3261	20.0
4-Bromophenyl-phenylether	0.234	0.204	0.070	-13.0344	20.0
Hexachlorobenzene	0.269	0.248	0.050	-7.5998	25.0
Atrazine	0.212	0.200	0.010	-5.8016	25.0
Pentachlorophenol	0.146	0.149	0.010	1.7765	40.0
Phenanthrene	1.038	0.996	0.200	-3.9793	20.0
Pentachlorobenzene	0.318	0.279	0.050	-12.1955	20.0
Anthracene	1.058	1.024	0.200	-3.14	20.0
1,2,3,4-Tetrachlorobenzene	0.320	0.277	0.050	-13.4377	20.0
Carbazole	0.865	0.926	0.050	7.0566	40.0
Di-n-butylphthalate	1.193	1.088	0.500	-8.8193	25.0
Fluoranthene	1.493	1.154	0.400	-22.6891	25.0
Pyrene	1.520	1.220	0.400	-19.6848	25.0
Butylbenzylphthalate	0.633	0.496	0.100	-21.7209	40.0
3,3-Dichlorobenzidine	0.457	0.422	0.010	-7.6263	40.0
Benzo (a) anthracene	1.401	1.289	0.300	-8.0081	30.0
Chrysene	1.302	1.181	0.200	-9.2485	30.0
Bis(2-ethylhexyl)phthalate	0.911	0.690	0.200	-24.2191	40.0
Di-n-octyl phthalate	1.321	0.991	0.010	-24.9612	40.0
Benzo (b) fluoranthene	1.214	1.070	0.200	-11.8312	25.0
Benzo (k) fluoranthene	1.211	1.063	0.200	-12.2073	25.0
Benzo (a) pyrene	1.147	1.035	0.200	-9.7472	20.0
Indeno (1,2,3-cd) pyrene	1.478	1.345	0.200	-8.9831	25.0
Dibenzo (a,h) anthracene	1.224	1.116	0.200	-8.8455	30.0
Benzo (g,h,i) perylene	1.204	1.093	0.200	-9.2158	30.0
2,3,4,6-Tetrachlorophenol	0.372	0.348	0.040	-6.4427	20.0
1,4-Dioxane-d8	0.440	0.401	0.010	-8.8344	25.0
Pyridine-d5	1.272	1.156	0.010	-9.1174	40.0
Phenol-d5	1.631	1.513	0.010	-7.2039	25.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.870	0.050	-11.9734	25.0
2-Chlorophenol-d4	1.343	1.261	0.200	-6.1523	20.0
4-Methylphenol-d8	1.354	1.214	0.010	-10.3671	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP072324 SAS No.: BP072324 SDG No.: BP072324

Instrument ID: BNA_P Calibration Date/Time: 7/23/2024 1:18:39

Lab File ID: BP021104.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020700 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.147	0.050	-5.5717	20.0
2-Nitrophenol-d4	0.178	0.169	0.050	-4.9798	30.0
2,4-Dichlorophenol-d3	0.322	0.305	0.060	-5.2077	20.0
4-Chloroaniline-d4	0.426	0.407	0.010	-4.4312	40.0
Dimethylphthalate-d6	1.454	1.321	0.300	-9.1337	20.0
Acenaphthylene-d8	1.633	1.565	0.400	-4.1519	20.0
4-Nitrophenol-d4	0.207	0.277	0.010	34.1003	40.0
Fluorene-d10	1.193	1.142	0.100	-4.2276	20.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.098	0.010	-19.2268	40.0
Anthracene-d10	0.888	0.858	0.300	-3.3748	20.0
Pyrene-d10	1.236	0.998	0.300	-19.2885	25.0
Benzo(a)pyrene-d12	0.986	0.899	0.010	-8.87	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.: BP072324 SAS No.: BP072324 SDG No.: BP072324

Instrument ID: BNA_P Calibration Date/Time: 7/24/2024 1:06:09

Lab File ID: BP021119.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020701 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.483	0.437	0.010	-9.6767	50.0
Benzaldehyde	0.822	0.917	0.010	11.5693	50.0
Pyridine	1.312	1.213	0.010	-7.5831	50.0
Phenol	1.650	1.579	0.080	-4.3228	50.0
Bis(2-Chloroethyl)ether	1.363	1.231	0.100	-9.6896	50.0
2-Chlorophenol	1.346	1.288	0.200	-4.3086	50.0
2-Methylphenol	1.276	1.230	0.010	-3.5874	50.0
2,2-oxybis(1-Chloropropane)	1.969	1.757	0.010	-10.8005	50.0
Acetophenone	2.090	1.954	0.060	-6.5209	50.0
4-Methylphenol	1.367	1.305	0.010	-4.5567	50.0
N-Nitroso-di-n-propylamine	1.095	0.971	0.050	-11.295	50.0
Hexachloroethane	0.605	0.539	0.100	-10.8934	50.0
Nitrobenzene	0.372	0.364	0.050	-2.2053	50.0
Isophorone	0.740	0.686	0.050	-7.2878	50.0
2-Nitrophenol	0.185	0.185	0.050	-0.1707	50.0
2,4-Dimethylphenol	0.366	0.353	0.050	-3.338	50.0
Bis(2-Chloroethoxy)methane	0.450	0.408	0.050	-9.3209	50.0
2,4-Dichlorophenol	0.317	0.312	0.060	-1.4166	50.0
Naphthalene	1.052	1.025	0.200	-2.5275	50.0
4-Chloroaniline	0.407	0.407	0.010	0.0597	50.0
Hexachlorobutadiene	0.238	0.231	0.040	-2.857	50.0
Caprolactam	0.098	0.104	0.010	6.3374	50.0
4-Chloro-3-methylphenol	0.344	0.356	0.040	3.289	50.0
1-Methylnaphthalene	0.743	0.737	0.100	-0.8128	50.0
2-Methylnaphthalene	0.722	0.700	0.100	-3.0077	50.0
Hexachlorocyclopentadiene	0.340	0.176	0.010	-48.1933	50.0
2,4,6-Trichlorophenol	0.410	0.398	0.090	-3.1065	50.0
2,4,5-Trichlorophenol	0.434	0.423	0.100	-2.6652	50.0
1,1-Biphenyl	1.462	1.355	0.200	-7.2661	50.0
2-Chloronaphthalene	1.167	1.094	0.300	-6.2035	50.0
2-Nitroaniline	0.323	0.327	0.050	1.3703	50.0
Dimethylphthalate	1.475	1.369	0.300	-7.209	50.0
2,6-Dinitrotoluene	0.295	0.293	0.080	-0.6092	50.0
Acenaphthylene	1.848	1.791	0.400	-3.0912	50.0
3-Nitroaniline	0.257	0.302	0.010	17.6518	50.0
Acenaphthene	1.227	1.190	0.200	-2.9699	50.0
2,4-Dinitrophenol	0.155	0.161	0.010	3.7572	50.0
4-Nitrophenol	0.168	0.196	0.010	16.6705	50.0
Dibenzofuran	1.680	1.634	0.300	-2.7489	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP072324 SAS No.: BP072324 SDG No.: BP072324

Instrument ID: BNA_P Calibration Date/Time: 7/24/2024 1:06:09

Lab File ID: BP021119.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020701 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.405	0.422	0.070	4.2338	50.0
Diethylphthalate	1.474	1.382	0.300	-6.2403	50.0
Fluorene	1.371	1.364	0.200	-0.5309	50.0
4-Chlorophenyl-phenylether	0.744	0.706	0.100	-5.068	50.0
4-Nitroaniline	0.213	0.293	0.010	37.7757	50.0
4,6-Dinitro-2-methylphenol	0.128	0.089	0.010	-30.4427	50.0
N-Nitrosodiphenylamine	0.582	0.532	0.050	-8.6666	50.0
1,2,4,5-Tetrachlorobenzene	0.650	0.613	0.100	-5.6928	50.0
4-Bromophenyl-phenylether	0.234	0.213	0.070	-9.3285	50.0
Hexachlorobenzene	0.269	0.256	0.050	-4.8185	50.0
Atrazine	0.212	0.207	0.010	-2.6699	50.0
Pentachlorophenol	0.146	0.151	0.010	3.4916	50.0
Phenanthrene	1.038	1.018	0.200	-1.9242	50.0
Pentachlorobenzene	0.318	0.288	0.050	-9.3012	50.0
Anthracene	1.058	1.059	0.200	0.0968	50.0
1,2,3,4-Tetrachlorobenzene	0.320	0.278	0.050	-13.1552	50.0
Carbazole	0.865	0.937	0.050	8.4077	50.0
Di-n-butylphthalate	1.193	1.116	0.500	-6.4294	50.0
Fluoranthene	1.493	1.268	0.400	-15.0922	50.0
Pyrene	1.520	1.295	0.400	-14.7802	50.0
Butylbenzylphthalate	0.633	0.516	0.100	-18.4322	50.0
3,3-Dichlorobenzidine	0.457	0.428	0.010	-6.3752	50.0
Benzo (a) anthracene	1.401	1.319	0.300	-5.8265	50.0
Chrysene	1.302	1.231	0.200	-5.444	50.0
Bis(2-ethylhexyl)phthalate	0.911	0.737	0.200	-19.1606	50.0
Di-n-octyl phthalate	1.321	1.107	0.010	-16.2162	50.0
Benzo (b) fluoranthene	1.214	1.143	0.200	-5.8201	50.0
Benzo (k) fluoranthene	1.211	1.136	0.200	-6.1914	50.0
Benzo (a) pyrene	1.147	1.086	0.200	-5.3134	50.0
Indeno (1,2,3-cd) pyrene	1.478	1.381	0.200	-6.5255	50.0
Dibenzo (a,h) anthracene	1.224	1.159	0.200	-5.2637	50.0
Benzo (g,h,i) perylene	1.204	1.116	0.200	-7.304	50.0
2,3,4,6-Tetrachlorophenol	0.372	0.361	0.040	-2.9903	50.0
1,4-Dioxane-d8	0.440	0.424	0.010	-3.4307	50.0
Pyridine-d5	1.272	1.205	0.010	-5.2785	50.0
Phenol-d5	1.631	1.560	0.010	-4.3538	50.0
Bis- (2-Chloroethyl) ether-d8	0.988	0.891	0.050	-9.835	50.0
2-Chlorophenol-d4	1.343	1.296	0.200	-3.5455	50.0
4-Methylphenol-d8	1.354	1.268	0.010	-6.3974	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP072324 SAS No.: BP072324 SDG No.: BP072324

Instrument ID: BNA_P Calibration Date/Time: 7/24/2024 1:06:09

Lab File ID: BP021119.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020701 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.155	0.157	0.050	0.9544	50.0
2-Nitrophenol-d4	0.178	0.179	0.050	0.6591	50.0
2,4-Dichlorophenol-d3	0.322	0.326	0.060	1.3457	50.0
4-Chloroaniline-d4	0.426	0.428	0.010	0.4873	50.0
Dimethylphthalate-d6	1.454	1.385	0.300	-4.7117	50.0
Acenaphthylene-d8	1.633	1.593	0.400	-2.3942	50.0
4-Nitrophenol-d4	0.207	0.290	0.010	40.2833	50.0
Fluorene-d10	1.193	1.207	0.100	1.1692	50.0
4,6-Dinitro-2-methylphenol-d2	0.121	0.084	0.010	-30.4406	50.0
Anthracene-d10	0.888	0.879	0.300	-1.0201	50.0
Pyrene-d10	1.236	1.064	0.300	-13.9691	50.0
Benzo(a)pyrene-d12	0.986	0.953	0.010	-3.3916	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SBLK905	SDG No.:	BP072324
Lab Sample ID:	PB161905BL	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
BP021096.D	1	7/1/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB161905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	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	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	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	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SBLK905	SDG No.:	BP072324
Lab Sample ID:	PB161905BL	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
BP021096.D	1	7/1/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB161905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	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	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SBLK905	SDG No.:	BP072324
Lab Sample ID:	PB161905BL	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
BP021096.D	1	7/1/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB161905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.178		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	27.356		20-120		68	SPK: -40
4165-62-2	Phenol-d5	28.754		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.324		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.211		20-130		73	SPK: -40
190780-66-6	4-Methylphenol-d8	27.615		25-125		69	SPK: -40
4165-60-0	Nitrobenzene-d5	30.486		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.135		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.368		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.837		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.899		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	31.253		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.518		10-150		81	SPK: -40
81103-79-9	Fluorene-d10	32.389		25-125		81	SPK: -40



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

Report of Analysis

Client:		Date Collected:	7/1/2024 12:00:00 AM
Project:		Date Received:	7/1/2024 12:00:00 AM
Client Sample ID:	SBLK905	SDG No.:	BP072324
Lab Sample ID:	PB161905BL	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
BP021096.D	1	7/1/2024 12:00:00 AM	7/23/2024 12:00:00 AM	PB161905

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.342		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	32.68		25-130		82	SPK: -40
1718-52-1	Pyrene-d10	28.041		15-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.766		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	130965	7.669				
1146-65-2	Naphthalene-d8	522287	10.44				
15067-26-2	Acenaphthene-d10	345620	14.31				
1517-22-2	Phenanthrene-d10	748010	17.133				
1719-03-5	Chrysene-d12	788721	21.586				
1520-96-3	Perylene-d12	968578	24.927				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	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:	A4CG8	SDG No.:	BP072324
Lab Sample ID:	P3238-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021097.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	16	U	16	9.3	94	ug/Kg
110-86-1	Pyridine	47	U	47	230	470	ug/Kg
100-52-7	Benzaldehyde	64	U	64	120	470	ug/Kg
108-95-2	Phenol	61	U	61	120	470	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	57	U	57	120	470	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	60.2	240	ug/Kg
95-48-7	2-Methylphenol	55	U	55	120	470	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	85	U	85	120	470	ug/Kg
98-86-2	Acetophenone	57	U	57	120	470	ug/Kg
106-44-5	4-Methylphenol	52	U	52	120	470	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	72	U	72	60.2	240	ug/Kg
67-72-1	Hexachloroethane	25	U	25	60.2	240	ug/Kg
98-95-3	Nitrobenzene	44	U	44	60.2	240	ug/Kg
78-59-1	Isophorone	68	U	68	60.2	240	ug/Kg
88-75-5	2-Nitrophenol	44	U	44	60.2	240	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	60.2	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	61	U	61	60.2	240	ug/Kg
120-83-2	2,4-Dichlorophenol	23	U	23	60.2	240	ug/Kg
91-20-3	Naphthalene	35	U	35	60.2	240	ug/Kg
106-47-8	4-Chloroaniline	34	U	34	60.2	470	ug/Kg
87-68-3	Hexachlorobutadiene	62	U	62	60.2	240	ug/Kg
105-60-2	Caprolactam	100	U	100	120	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	69	U	69	60.2	240	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	60.2	240	ug/Kg
91-57-6	2-Methylnaphthalene	33	U	33	60.2	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	120	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	69	U	69	60.2	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	60.2	240	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:	A4CG8	SDG No.:	BP072324
Lab Sample ID:	P3238-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.4
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
BP021097.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	34	U	34	60.2	240	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	60.2	240	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	60.2	240	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	60.2	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	62	U	62	60.2	240	ug/Kg
208-96-8	Acenaphthylene	45	U	45	60.2	240	ug/Kg
99-09-2	3-Nitroaniline	62	U	62	120	470	ug/Kg
83-32-9	Acenaphthene	41	U	41	60.2	240	ug/Kg
51-28-5	2,4-Dinitrophenol	68	U	68	120	470	ug/Kg
100-02-7	4-Nitrophenol	62	U	62	120	470	ug/Kg
132-64-9	Dibenzofuran	45	U	45	60.2	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61	U	61	60.2	240	ug/Kg
84-66-2	Diethylphthalate	42	U	42	60.2	240	ug/Kg
86-73-7	Fluorene	35	U	35	60.2	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	60.2	240	ug/Kg
100-01-6	4-Nitroaniline	44	U	44	120	470	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	470	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	60.2	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	60.2	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	41	U	41	60.2	240	ug/Kg
118-74-1	Hexachlorobenzene	45	U	45	60.2	240	ug/Kg
1912-24-9	Atrazine	100	U	100	120	470	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	120	470	ug/Kg
85-01-8	Phenanthrene	300		41	60.2	240	ug/Kg
608-93-5	Pentachlorobenzene	74	U	74	60.2	240	ug/Kg
120-12-7	Anthracene	54	J	35	60.2	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	71	U	71	60.2	240	ug/Kg
86-74-8	Carbazole	40	U	40	120	470	ug/Kg
84-74-2	Di-n-butylphthalate	86	U	86	60.2	240	ug/Kg
206-44-0	Fluoranthene	450		76	120	240	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:	A4CG8	SDG No.:	BP072324
Lab Sample ID:	P3238-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.4
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
BP021097.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	330		69	60.2	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	60.2	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	120	470	ug/Kg
56-55-3	Benzo(a)anthracene	250		38	60.2	240	ug/Kg
218-01-9	Chrysene	260		44	60.2	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	U	140	60.2	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	330		47	60.2	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	54	60.2	240	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	45	60.2	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	J	44	60.2	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	U	40	60.2	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	60.2	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	60.2	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.849		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	17.131		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.716		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.27		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	16.551		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	18.172		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.24		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.19		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.203		1-145		18	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.766		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	18.674		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.439		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	19.721		20-140		49	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:	A4CG8	SDG No.:	BP072324
Lab Sample ID:	P3238-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29.4
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021097.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	15.06		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	17.943		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	15.945		10-130		40	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.12		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	193810	7.669				
1146-65-2	Naphthalene-d8	773065	10.434				
15067-26-2	Acenaphthene-d10	511316	14.31				
1517-22-2	Phenanthrene-d10	1118334	17.128				
1719-03-5	Chrysene-d12	1137351	21.575				
1520-96-3	Perylene-d12	1369376	24.904				
TENTATIVE IDENTIFIED COMPOUNDS							
000533-60-8	Cyclohexanone, 2-hydroxy-	130	J			7.405	
003395-35-5	Proline, 3,4-didehydro-	130	J			7.758	
000090-02-8	Benzaldehyde, 2-hydroxy-	130	J			8.181	
000822-67-3	2-Cyclohexen-1-ol	110	J			8.458	
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.193	
	unknown-01	390	J			14.534	
000057-10-3	n-Hexadecanoic acid	300	J			18.051	
	(DEL) Alkane: Straight-Chain21.222	280	J			21.222	
E966796	Total Alkanes	280				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:	A4BF3	SDG No.:	BP072324
Lab Sample ID:	P3238-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021098.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	24	U	24	14.2	140	ug/Kg
100-52-7	Benzaldehyde	97	U	97	180	710	ug/Kg
110-86-1	Pyridine	71	U	71	360	710	ug/Kg
108-95-2	Phenol	93	U	93	180	710	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	86	U	86	180	710	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	91.7	370	ug/Kg
95-48-7	2-Methylphenol	84	U	84	180	710	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	130	U	130	180	710	ug/Kg
98-86-2	Acetophenone	86	U	86	180	710	ug/Kg
106-44-5	4-Methylphenol	80	U	80	180	710	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	91.7	370	ug/Kg
67-72-1	Hexachloroethane	39	U	39	91.7	370	ug/Kg
98-95-3	Nitrobenzene	67	U	67	91.7	370	ug/Kg
78-59-1	Isophorone	100	U	100	91.7	370	ug/Kg
88-75-5	2-Nitrophenol	67	U	67	91.7	370	ug/Kg
105-67-9	2,4-Dimethylphenol	54	U	54	91.7	370	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	93	U	93	91.7	370	ug/Kg
120-83-2	2,4-Dichlorophenol	35	U	35	91.7	370	ug/Kg
91-20-3	Naphthalene	54	U	54	91.7	370	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	91.7	710	ug/Kg
87-68-3	Hexachlorobutadiene	95	U	95	91.7	370	ug/Kg
105-60-2	Caprolactam	160	U	160	180	710	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	91.7	370	ug/Kg
90-12-0	1-Methylnaphthalene	71	U	71	91.7	370	ug/Kg
91-57-6	2-Methylnaphthalene	50	U	50	91.7	370	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	U	200	180	710	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	91.7	370	ug/Kg
95-95-4	2,4,5-Trichlorophenol	84	U	84	91.7	370	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:	A4BF3	SDG No.:	BP072324
Lab Sample ID:	P3238-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.8
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
BP021098.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	52	U	52	91.7	370	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	91.7	370	ug/Kg
88-74-4	2-Nitroaniline	88	U	88	91.7	370	ug/Kg
131-11-3	Dimethylphthalate	63	U	63	91.7	370	ug/Kg
606-20-2	2,6-Dinitrotoluene	95	U	95	91.7	370	ug/Kg
208-96-8	Acenaphthylene	69	U	69	91.7	370	ug/Kg
99-09-2	3-Nitroaniline	95	U	95	180	710	ug/Kg
83-32-9	Acenaphthene	83	J	63	91.7	370	ug/Kg
51-28-5	2,4-Dinitrophenol	100	U	100	180	710	ug/Kg
100-02-7	4-Nitrophenol	95	U	95	180	710	ug/Kg
132-64-9	Dibenzofuran	69	U	69	91.7	370	ug/Kg
121-14-2	2,4-Dinitrotoluene	93	U	93	91.7	370	ug/Kg
84-66-2	Diethylphthalate	65	U	65	91.7	370	ug/Kg
86-73-7	Fluorene	86	J	54	91.7	370	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	43	U	43	91.7	370	ug/Kg
100-01-6	4-Nitroaniline	67	U	67	180	710	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	170	U	170	180	710	ug/Kg
86-30-6	N-Nitrosodiphenylamine	71	U	71	91.7	370	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	52	U	52	91.7	370	ug/Kg
101-55-3	4-Bromophenyl-phenylether	63	U	63	91.7	370	ug/Kg
118-74-1	Hexachlorobenzene	69	U	69	91.7	370	ug/Kg
1912-24-9	Atrazine	150	U	150	180	710	ug/Kg
87-86-5	Pentachlorophenol	160	U	160	180	710	ug/Kg
85-01-8	Phenanthrene	1200		63	91.7	370	ug/Kg
608-93-5	Pentachlorobenzene	110	U	110	91.7	370	ug/Kg
120-12-7	Anthracene	180	J	54	91.7	370	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	110	U	110	91.7	370	ug/Kg
86-74-8	Carbazole	120	J	60	180	710	ug/Kg
84-74-2	Di-n-butylphthalate	130	U	130	91.7	370	ug/Kg
206-44-0	Fluoranthene	1600		120	180	370	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:	A4BF3	SDG No.:	BP072324
Lab Sample ID:	P3238-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021098.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		110	91.7	370	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	180	91.7	370	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	U	100	180	710	ug/Kg
56-55-3	Benzo(a)anthracene	730		58	91.7	370	ug/Kg
218-01-9	Chrysene	880		67	91.7	370	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	210	J	210	91.7	370	ug/Kg
117-84-0	Di-n-octyl phthalate	160	U	160	180	710	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000		71	91.7	370	ug/Kg
207-08-9	Benzo(k)fluoranthene	340	J	82	91.7	370	ug/Kg
50-32-8	Benzo(a)pyrene	410		69	91.7	370	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	310	J	67	91.7	370	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	60	91.7	370	ug/Kg
191-24-2	Benzo(g,h,i)perylene	56	U	56	91.7	370	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	71	U	71	91.7	370	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.014		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	1.552	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	18.405		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.215		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.211		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	17.083		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	17.892		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.319		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.46		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.472		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.229		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	20.199		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.995		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	21.801		20-140		55	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:	A4BF3	SDG No.:	BP072324
Lab Sample ID:	P3238-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	53.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021098.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	14.311		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	19.835		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	16.596		10-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.698		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	143242	7.669				
1146-65-2	Naphthalene-d8	590426	10.434				
15067-26-2	Acenaphthene-d10	384906	14.304				
1517-22-2	Phenanthrene-d10	849625	17.128				
1719-03-5	Chrysene-d12	852909	21.574				
1520-96-3	Perylene-d12	1040168	24.91				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	260	J			11.193	
057074-21-2	3-Chloro-2,6-dihydroxy-4-methylben	260	J			14.451	
000526-37-4	Benzaldehyde, 2,6-dihydroxy-4-meth	290	J			14.828	
004707-47-5	Benzoic acid, 2,4-dihydroxy-3,6-di	750	J			16.251	
000057-10-3	n-Hexadecanoic acid	620	J			18.051	
000610-48-0	Anthracene, 1-methyl-	230	J			18.086	
000203-64-5	4H-Cyclopenta[def]phenanthrene	310	J			18.233	
000084-65-1	9,10-Anthracenedione	180	J			18.616	
000057-11-4	Octadecanoic acid	180	J			19.386	
000238-84-6	11H-Benzo[a]fluorene	180	J			20.157	
	(DEL) Alkane: Straight-Chain21.221	370	J			21.221	
	(DEL) Alkane: Straight-Chain23.980	590	J			23.98	
E966796	Total Alkanes	960				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:	A4BF4	SDG No.:	BP072324
Lab Sample ID:	P3238-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.4
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
BP021099.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	15	U	15	9	91	ug/Kg
100-52-7	Benzaldehyde	61	U	61	110	450	ug/Kg
110-86-1	Pyridine	45	U	45	220	450	ug/Kg
108-95-2	Phenol	58	U	58	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	54	U	54	110	450	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	57.7	230	ug/Kg
95-48-7	2-Methylphenol	53	U	53	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	82	U	82	110	450	ug/Kg
98-86-2	Acetophenone	54	U	54	110	450	ug/Kg
106-44-5	4-Methylphenol	50	U	50	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	69	U	69	57.7	230	ug/Kg
67-72-1	Hexachloroethane	24	U	24	57.7	230	ug/Kg
98-95-3	Nitrobenzene	42	U	42	57.7	230	ug/Kg
78-59-1	Isophorone	65	U	65	57.7	230	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	57.7	230	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	57.7	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	57.7	230	ug/Kg
120-83-2	2,4-Dichlorophenol	22	U	22	57.7	230	ug/Kg
91-20-3	Naphthalene	34	U	34	57.7	230	ug/Kg
106-47-8	4-Chloroaniline	33	U	33	57.7	450	ug/Kg
87-68-3	Hexachlorobutadiene	60	U	60	57.7	230	ug/Kg
105-60-2	Caprolactam	98	U	98	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	67	U	67	57.7	230	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	57.7	230	ug/Kg
91-57-6	2-Methylnaphthalene	31	U	31	57.7	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	67	U	67	57.7	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	57.7	230	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:	A4BF4	SDG No.:	BP072324
Lab Sample ID:	P3238-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.4
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
BP021099.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	33	U	33	57.7	230	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	57.7	230	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	57.7	230	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	57.7	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	60	57.7	230	ug/Kg
208-96-8	Acenaphthylene	43	U	43	57.7	230	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	110	450	ug/Kg
83-32-9	Acenaphthene	39	U	39	57.7	230	ug/Kg
51-28-5	2,4-Dinitrophenol	65	U	65	110	450	ug/Kg
100-02-7	4-Nitrophenol	60	U	60	110	450	ug/Kg
132-64-9	Dibenzofuran	43	U	43	57.7	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	58	U	58	57.7	230	ug/Kg
84-66-2	Diethylphthalate	41	U	41	57.7	230	ug/Kg
86-73-7	Fluorene	34	U	34	57.7	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	57.7	230	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	57.7	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	33	U	33	57.7	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	39	U	39	57.7	230	ug/Kg
118-74-1	Hexachlorobenzene	43	U	43	57.7	230	ug/Kg
1912-24-9	Atrazine	96	U	96	110	450	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	110	450	ug/Kg
85-01-8	Phenanthrene	200	J	39	57.7	230	ug/Kg
608-93-5	Pentachlorobenzene	71	U	71	57.7	230	ug/Kg
120-12-7	Anthracene	34	U	34	57.7	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	68	U	68	57.7	230	ug/Kg
86-74-8	Carbazole	38	U	38	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	83	U	83	57.7	230	ug/Kg
206-44-0	Fluoranthene	470		73	110	230	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:	A4BF4	SDG No.:	BP072324
Lab Sample ID:	P3238-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.4
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
BP021099.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	310		67	57.7	230	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	57.7	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	220	J	37	57.7	230	ug/Kg
218-01-9	Chrysene	290		42	57.7	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	57.7	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	390		45	57.7	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	130	J	52	57.7	230	ug/Kg
50-32-8	Benzo(a)pyrene	130	J	43	57.7	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	42	57.7	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	50	J	38	57.7	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	57.7	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	57.7	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.936		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	16.102		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.454		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.665		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	12.392		10-140		31	SPK: -40
4165-60-0	Nitrobenzene-d5	17.493		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.632		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.351		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.366		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.712		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	17.536		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.796		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	18.022		20-140		45	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:	A4BF4	SDG No.:	BP072324
Lab Sample ID:	P3238-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.4
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
BP021099.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	9.766		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	16.568		10-150		41	SPK: -40
1718-52-1	Pyrene-d10	14.361		10-130		36	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.087		10-140		30	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	150075	7.664				
1146-65-2	Naphthalene-d8	612816	10.434				
15067-26-2	Acenaphthene-d10	400352	14.316				
1517-22-2	Phenanthrene-d10	879377	17.134				
1719-03-5	Chrysene-d12	886871	21.586				
1520-96-3	Perylene-d12	1088911	24.904				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	140	J			11.193	
000057-10-3	n-Hexadecanoic acid	210	J			18.069	
000238-84-6	11H-Benzo[a]fluorene	120	J			20.169	
	(DEL) Alkane: Cyclic	170	J			21.239	
E966796	Total Alkanes	170				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:	A4BF6	SDG No.:	BP072324
Lab Sample ID:	P3238-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
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
BP021100.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	14	U	14	8.7	88	ug/Kg
100-52-7	Benzaldehyde	59	U	59	110	430	ug/Kg
110-86-1	Pyridine	43	U	43	220	430	ug/Kg
108-95-2	Phenol	57	U	57	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	53	U	53	110	430	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	55.9	220	ug/Kg
95-48-7	2-Methylphenol	51	U	51	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	79	U	79	110	430	ug/Kg
98-86-2	Acetophenone	53	U	53	110	430	ug/Kg
106-44-5	4-Methylphenol	49	U	49	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	67	U	67	55.9	220	ug/Kg
67-72-1	Hexachloroethane	24	U	24	55.9	220	ug/Kg
98-95-3	Nitrobenzene	41	U	41	55.9	220	ug/Kg
78-59-1	Isophorone	63	U	63	55.9	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	55.9	220	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	55.9	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	55.9	220	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	55.9	220	ug/Kg
91-20-3	Naphthalene	33	U	33	55.9	220	ug/Kg
106-47-8	4-Chloroaniline	32	U	32	55.9	430	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	58	55.9	220	ug/Kg
105-60-2	Caprolactam	95	U	95	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	64	U	64	55.9	220	ug/Kg
90-12-0	1-Methylnaphthalene	43	U	43	55.9	220	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	55.9	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	64	U	64	55.9	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	55.9	220	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:	A4BF6	SDG No.:	BP072324
Lab Sample ID:	P3238-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
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
BP021100.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	32	U	32	55.9	220	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	55.9	220	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	55.9	220	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	55.9	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	58	U	58	55.9	220	ug/Kg
208-96-8	Acenaphthylene	42	U	42	55.9	220	ug/Kg
99-09-2	3-Nitroaniline	58	U	58	110	430	ug/Kg
83-32-9	Acenaphthene	80	J	38	55.9	220	ug/Kg
51-28-5	2,4-Dinitrophenol	63	U	63	110	430	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	430	ug/Kg
132-64-9	Dibenzofuran	47	J	42	55.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	55.9	220	ug/Kg
84-66-2	Diethylphthalate	39	U	39	55.9	220	ug/Kg
86-73-7	Fluorene	83	J	33	55.9	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	55.9	220	ug/Kg
100-01-6	4-Nitroaniline	41	U	41	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	43	U	43	55.9	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32	U	32	55.9	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	55.9	220	ug/Kg
118-74-1	Hexachlorobenzene	42	U	42	55.9	220	ug/Kg
1912-24-9	Atrazine	93	U	93	110	430	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	110	430	ug/Kg
85-01-8	Phenanthrene	1100		38	55.9	220	ug/Kg
608-93-5	Pentachlorobenzene	68	U	68	55.9	220	ug/Kg
120-12-7	Anthracene	200	J	33	55.9	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	66	U	66	55.9	220	ug/Kg
86-74-8	Carbazole	110	J	37	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	80	U	80	55.9	220	ug/Kg
206-44-0	Fluoranthene	1300		71	110	220	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:	A4BF6	SDG No.:	BP072324
Lab Sample ID:	P3238-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021100.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	880		64	55.9	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	55.9	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	63	U	63	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	620		36	55.9	220	ug/Kg
218-01-9	Chrysene	770		41	55.9	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	55.9	220	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	710		43	55.9	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	250		50	55.9	220	ug/Kg
50-32-8	Benzo(a)pyrene	300		42	55.9	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210	J	41	55.9	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	J	37	55.9	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	55.9	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	55.9	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.925		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	1.894	*	20-120		5	SPK: -40
4165-62-2	Phenol-d5	17.388		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.806		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.865		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	15.637		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	17.617		10-135		44	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.324		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.831		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.078		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.419		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.807		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.933		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	20.038		20-140		50	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:	A4BF6	SDG No.:	BP072324
Lab Sample ID:	P3238-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.2
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
BP021100.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	12.968		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	19.564		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	16.396		10-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.103		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	158556	7.669				
1146-65-2	Naphthalene-d8	643263	10.44				
15067-26-2	Acenaphthene-d10	428071	14.304				
1517-22-2	Phenanthrene-d10	936734	17.122				
1719-03-5	Chrysene-d12	913775	21.568				
1520-96-3	Perylene-d12	1129378	24.909				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	130	J			11.192	
002531-84-2	Phenanthrene, 2-methyl-	130	J			18.016	
000057-10-3	n-Hexadecanoic acid	340	J			18.057	
000203-64-5	4H-Cyclopenta[def]phenanthrene	270	J			18.227	
000613-12-7	Anthracene, 2-methyl-	99	J			18.263	
000612-94-2	Naphthalene, 2-phenyl-	120	J			18.545	
000084-65-1	9,10-Anthracenedione	130	J			18.604	
005737-13-3	Cyclopenta(def)phenanthrenone	96	J			19.133	
000243-17-4	11H-Benzo[b]fluorene	93	J			20.157	
027208-37-3	Cyclopenta[cd]pyrene	140	J			21.227	
001705-84-6	Triphenylene, 2-methyl-	110	J			22.404	
E966796	Total Alkanes	32	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:	A4BF8	SDG No.:	BP072324
Lab Sample ID:	P3238-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.2
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
BP021101.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	15	U	15	8.9	90	ug/Kg
100-52-7	Benzaldehyde	61	U	61	110	450	ug/Kg
110-86-1	Pyridine	45	U	45	220	450	ug/Kg
108-95-2	Phenol	58	U	58	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	54	U	54	110	450	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	57.4	230	ug/Kg
95-48-7	2-Methylphenol	53	U	53	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	81	U	81	110	450	ug/Kg
98-86-2	Acetophenone	54	U	54	110	450	ug/Kg
106-44-5	4-Methylphenol	50	U	50	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	69	U	69	57.4	230	ug/Kg
67-72-1	Hexachloroethane	24	U	24	57.4	230	ug/Kg
98-95-3	Nitrobenzene	42	U	42	57.4	230	ug/Kg
78-59-1	Isophorone	65	U	65	57.4	230	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	57.4	230	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	57.4	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	58	U	58	57.4	230	ug/Kg
120-83-2	2,4-Dichlorophenol	22	U	22	57.4	230	ug/Kg
91-20-3	Naphthalene	34	U	34	57.4	230	ug/Kg
106-47-8	4-Chloroaniline	32	U	32	57.4	450	ug/Kg
87-68-3	Hexachlorobutadiene	59	U	59	57.4	230	ug/Kg
105-60-2	Caprolactam	97	U	97	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	66	U	66	57.4	230	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	57.4	230	ug/Kg
91-57-6	2-Methylnaphthalene	31	U	31	57.4	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	66	U	66	57.4	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	57.4	230	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:	A4BF8	SDG No.:	BP072324
Lab Sample ID:	P3238-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.2
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
BP021101.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	32	U	32	57.4	230	ug/Kg
91-58-7	2-Chloronaphthalene	35	U	35	57.4	230	ug/Kg
88-74-4	2-Nitroaniline	55	U	55	57.4	230	ug/Kg
131-11-3	Dimethylphthalate	39	U	39	57.4	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	59	U	59	57.4	230	ug/Kg
208-96-8	Acenaphthylene	43	U	43	57.4	230	ug/Kg
99-09-2	3-Nitroaniline	59	U	59	110	450	ug/Kg
83-32-9	Acenaphthene	39	U	39	57.4	230	ug/Kg
51-28-5	2,4-Dinitrophenol	65	U	65	110	450	ug/Kg
100-02-7	4-Nitrophenol	59	U	59	110	450	ug/Kg
132-64-9	Dibenzofuran	43	U	43	57.4	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	58	U	58	57.4	230	ug/Kg
84-66-2	Diethylphthalate	41	U	41	57.4	230	ug/Kg
86-73-7	Fluorene	34	U	34	57.4	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	57.4	230	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	57.4	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32	U	32	57.4	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	39	U	39	57.4	230	ug/Kg
118-74-1	Hexachlorobenzene	43	U	43	57.4	230	ug/Kg
1912-24-9	Atrazine	96	U	96	110	450	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	110	450	ug/Kg
85-01-8	Phenanthrene	76	J	39	57.4	230	ug/Kg
608-93-5	Pentachlorobenzene	70	U	70	57.4	230	ug/Kg
120-12-7	Anthracene	34	U	34	57.4	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	68	U	68	57.4	230	ug/Kg
86-74-8	Carbazole	38	U	38	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	82	U	82	57.4	230	ug/Kg
206-44-0	Fluoranthene	170	J	73	110	230	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:	A4BF8	SDG No.:	BP072324
Lab Sample ID:	P3238-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.2
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
BP021101.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	120	J	66	57.4	230	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	57.4	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	65	U	65	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	83	J	36	57.4	230	ug/Kg
218-01-9	Chrysene	110	J	42	57.4	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	57.4	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	45	57.4	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	57.4	230	ug/Kg
50-32-8	Benzo(a)pyrene	57	J	43	57.4	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	49	J	42	57.4	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38	U	38	57.4	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	57.4	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	57.4	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.384		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	1.406	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	14.172		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.466		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.985		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	11.231		10-140		28	SPK: -40
4165-60-0	Nitrobenzene-d5	14.199		10-135		35	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.899		10-120		37	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.637		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.064		1-145		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.204		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	16.149		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.455		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	17.398		20-140		43	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:	A4BF8	SDG No.:	BP072324
Lab Sample ID:	P3238-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	26.2
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
BP021101.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	9.565		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	15.12		10-150		38	SPK: -40
1718-52-1	Pyrene-d10	13.319		10-130		33	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.901		10-140		30	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	154737	7.663				
1146-65-2	Naphthalene-d8	615898	10.428				
15067-26-2	Acenaphthene-d10	394758	14.31				
1517-22-2	Phenanthrene-d10	881156	17.122				
1719-03-5	Chrysene-d12	914327	21.58				
1520-96-3	Perylene-d12	1093041	24.904				
TENTATIVE IDENTIFIED COMPOUNDS							
004254-14-2	R-(-)-1,2-propanediol	91	J			3.475	
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.187	
	unknown-01	730	J			14.504	
	unknown-02	830	J			14.528	
000057-10-3	n-Hexadecanoic acid	180	J			18.063	
	(DEL) Alkane: Straight-Chain21.233	160	J			21.233	
E966796	Total Alkanes	160				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:	A4BF9	SDG No.:	BP072324
Lab Sample ID:	P3238-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021102.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	26	U	26	15.6	160	ug/Kg
100-52-7	Benzaldehyde	110	U	110	190	780	ug/Kg
110-86-1	Pyridine	78	U	78	390	780	ug/Kg
108-95-2	Phenol	100	U	100	190	780	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	94	U	94	190	780	ug/Kg
95-57-8	2-Chlorophenol	54	U	54	100	400	ug/Kg
95-48-7	2-Methylphenol	92	U	92	190	780	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	190	780	ug/Kg
98-86-2	Acetophenone	94	U	94	190	780	ug/Kg
106-44-5	4-Methylphenol	87	U	87	190	780	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	100	400	ug/Kg
67-72-1	Hexachloroethane	42	U	42	100	400	ug/Kg
98-95-3	Nitrobenzene	73	U	73	100	400	ug/Kg
78-59-1	Isophorone	110	U	110	100	400	ug/Kg
88-75-5	2-Nitrophenol	73	U	73	100	400	ug/Kg
105-67-9	2,4-Dimethylphenol	59	U	59	100	400	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	100	U	100	100	400	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	100	400	ug/Kg
91-20-3	Naphthalene	59	U	59	100	400	ug/Kg
106-47-8	4-Chloroaniline	57	U	57	100	780	ug/Kg
87-68-3	Hexachlorobutadiene	100	U	100	100	400	ug/Kg
105-60-2	Caprolactam	170	U	170	190	780	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	U	120	100	400	ug/Kg
90-12-0	1-Methylnaphthalene	78	U	78	100	400	ug/Kg
91-57-6	2-Methylnaphthalene	54	U	54	100	400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	220	U	220	190	780	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	U	120	100	400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	92	U	92	100	400	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:	A4BF9	SDG No.:	BP072324
Lab Sample ID:	P3238-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021102.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	57	U	57	100	400	ug/Kg
91-58-7	2-Chloronaphthalene	61	U	61	100	400	ug/Kg
88-74-4	2-Nitroaniline	97	U	97	100	400	ug/Kg
131-11-3	Dimethylphthalate	68	U	68	100	400	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	100	400	ug/Kg
208-96-8	Acenaphthylene	75	U	75	100	400	ug/Kg
99-09-2	3-Nitroaniline	100	U	100	190	780	ug/Kg
83-32-9	Acenaphthene	68	U	68	100	400	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	190	780	ug/Kg
100-02-7	4-Nitrophenol	100	U	100	190	780	ug/Kg
132-64-9	Dibenzofuran	75	U	75	100	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	100	400	ug/Kg
84-66-2	Diethylphthalate	71	U	71	100	400	ug/Kg
86-73-7	Fluorene	59	U	59	100	400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	47	U	47	100	400	ug/Kg
100-01-6	4-Nitroaniline	73	U	73	190	780	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	180	190	780	ug/Kg
86-30-6	N-Nitrosodiphenylamine	78	U	78	100	400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	100	400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	68	U	68	100	400	ug/Kg
118-74-1	Hexachlorobenzene	75	U	75	100	400	ug/Kg
1912-24-9	Atrazine	170	U	170	190	780	ug/Kg
87-86-5	Pentachlorophenol	170	U	170	190	780	ug/Kg
85-01-8	Phenanthrene	520		68	100	400	ug/Kg
608-93-5	Pentachlorobenzene	120	U	120	100	400	ug/Kg
120-12-7	Anthracene	92	J	59	100	400	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	120	U	120	100	400	ug/Kg
86-74-8	Carbazole	66	U	66	190	780	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	100	400	ug/Kg
206-44-0	Fluoranthene	840		130	190	400	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:	A4BF9	SDG No.:	BP072324
Lab Sample ID:	P3238-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57.6
Sample Wt/Vol:	30	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
BP021102.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	610		120	100	400	ug/Kg
85-68-7	Butylbenzylphthalate	200	U	200	100	400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	780	ug/Kg
56-55-3	Benzo(a)anthracene	410		64	100	400	ug/Kg
218-01-9	Chrysene	490		73	100	400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	260	J	230	100	400	ug/Kg
117-84-0	Di-n-octyl phthalate	180	U	180	190	780	ug/Kg
205-99-2	Benzo(b)fluoranthene	590		78	100	400	ug/Kg
207-08-9	Benzo(k)fluoranthene	220	J	90	100	400	ug/Kg
50-32-8	Benzo(a)pyrene	260	J	75	100	400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200	J	73	100	400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	66	U	66	100	400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	61	U	61	100	400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	78	U	78	100	400	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.691		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	14.604		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.73		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.054		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	12.423		10-140		31	SPK: -40
4165-60-0	Nitrobenzene-d5	15.009		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.312		10-120		38	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.427		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.653		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.649		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	16.686		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.065		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	18.342		20-140		46	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:	A4BF9	SDG No.:	BP072324
Lab Sample ID:	P3238-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	57.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021102.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	11.136		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	17.724		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	15.765		10-130		39	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.16		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	174391	7.664				
1146-65-2	Naphthalene-d8	713220	10.44				
15067-26-2	Acenaphthene-d10	467125	14.316				
1517-22-2	Phenanthrene-d10	1013930	17.128				
1719-03-5	Chrysene-d12	1030542	21.575				
1520-96-3	Perylene-d12	1281100	24.91				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	300	J			11.193	
	unknown-01	730	J			14.516	
	unknown-02	990	J			14.534	
000057-10-3	n-Hexadecanoic acid	370	J			18.057	
	(DEL) Alkane: Cyclic21.227	410	J			21.227	
E966796	Total Alkanes	410				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:	A4BG0	SDG No.:	BP072324
Lab Sample ID:	P3238-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021103.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	19	U	19	11.6	120	ug/Kg
100-52-7	Benzaldehyde	79	U	79	150	580	ug/Kg
110-86-1	Pyridine	58	U	58	290	580	ug/Kg
108-95-2	Phenol	76	U	76	150	580	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	71	U	71	150	580	ug/Kg
95-57-8	2-Chlorophenol	41	U	41	75	300	ug/Kg
95-48-7	2-Methylphenol	69	U	69	150	580	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	580	ug/Kg
98-86-2	Acetophenone	71	U	71	150	580	ug/Kg
106-44-5	4-Methylphenol	65	U	65	150	580	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	90	U	90	75	300	ug/Kg
67-72-1	Hexachloroethane	32	U	32	75	300	ug/Kg
98-95-3	Nitrobenzene	55	U	55	75	300	ug/Kg
78-59-1	Isophorone	85	U	85	75	300	ug/Kg
88-75-5	2-Nitrophenol	55	U	55	75	300	ug/Kg
105-67-9	2,4-Dimethylphenol	44	U	44	75	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	76	U	76	75	300	ug/Kg
120-83-2	2,4-Dichlorophenol	28	U	28	75	300	ug/Kg
91-20-3	Naphthalene	44	U	44	75	300	ug/Kg
106-47-8	4-Chloroaniline	42	U	42	75	580	ug/Kg
87-68-3	Hexachlorobutadiene	78	U	78	75	300	ug/Kg
105-60-2	Caprolactam	130	U	130	150	580	ug/Kg
59-50-7	4-Chloro-3-methylphenol	86	U	86	75	300	ug/Kg
90-12-0	1-Methylnaphthalene	58	U	58	75	300	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	75	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	150	580	ug/Kg
88-06-2	2,4,6-Trichlorophenol	86	U	86	75	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	69	U	69	75	300	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:	A4BG0	SDG No.:	BP072324
Lab Sample ID:	P3238-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021103.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	42	U	42	75	300	ug/Kg
91-58-7	2-Chloronaphthalene	46	U	46	75	300	ug/Kg
88-74-4	2-Nitroaniline	72	U	72	75	300	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	75	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	78	U	78	75	300	ug/Kg
208-96-8	Acenaphthylene	56	U	56	75	300	ug/Kg
99-09-2	3-Nitroaniline	78	U	78	150	580	ug/Kg
83-32-9	Acenaphthene	51	U	51	75	300	ug/Kg
51-28-5	2,4-Dinitrophenol	85	U	85	150	580	ug/Kg
100-02-7	4-Nitrophenol	78	U	78	150	580	ug/Kg
132-64-9	Dibenzofuran	56	U	56	75	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	76	U	76	75	300	ug/Kg
84-66-2	Diethylphthalate	53	U	53	75	300	ug/Kg
86-73-7	Fluorene	44	U	44	75	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	35	U	35	75	300	ug/Kg
100-01-6	4-Nitroaniline	55	U	55	150	580	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	150	580	ug/Kg
86-30-6	N-Nitrosodiphenylamine	58	U	58	75	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	42	U	42	75	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	75	300	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	75	300	ug/Kg
1912-24-9	Atrazine	130	U	130	150	580	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	150	580	ug/Kg
85-01-8	Phenanthrene	170	J	51	75	300	ug/Kg
608-93-5	Pentachlorobenzene	92	U	92	75	300	ug/Kg
120-12-7	Anthracene	44	U	44	75	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	88	U	88	75	300	ug/Kg
86-74-8	Carbazole	49	U	49	150	580	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	75	300	ug/Kg
206-44-0	Fluoranthene	190	J	95	150	300	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:	A4BG0	SDG No.:	BP072324
Lab Sample ID:	P3238-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.5
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
BP021103.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	140	J	86	75	300	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	75	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	85	U	85	150	580	ug/Kg
56-55-3	Benzo(a)anthracene	90	J	48	75	300	ug/Kg
218-01-9	Chrysene	110	J	55	75	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	170	U	170	75	300	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	150	580	ug/Kg
205-99-2	Benzo(b)fluoranthene	130	J	58	75	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	67	U	67	75	300	ug/Kg
50-32-8	Benzo(a)pyrene	60	J	56	75	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	55	U	55	75	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	49	U	49	75	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	75	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	58	U	58	75	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.123		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	1.151	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	15.324		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.791		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.533		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	12.857		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	15.839		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.071		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.916		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.863		1-145		25	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.016		10-145		40	SPK: -40
93951-97-4	Acenaphthylene-d8	15.714		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.775		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	17.817		20-140		45	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:	A4BG0	SDG No.:	BP072324
Lab Sample ID:	P3238-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	43.5
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021103.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	8.6		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	17.145		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	14.631		10-130		37	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.914		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149953	7.664				
1146-65-2	Naphthalene-d8	607771	10.434				
15067-26-2	Acenaphthene-d10	399416	14.316				
1517-22-2	Phenanthrene-d10	864770	17.122				
1719-03-5	Chrysene-d12	918192	21.575				
1520-96-3	Perylene-d12	1103910	24.892				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	190	J			11.187	
000057-10-3	n-Hexadecanoic acid	160	J			18.057	
1000130-97-9	E-15-Heptadecenal	190	J			21.233	
E966796	Total Alkanes	42	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:	SBLK098	SDG No.:	BP072324
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
BP021105.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	11	U	11	6.6	67	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	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.:	BP072324
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
BP021105.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	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	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	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	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.:	BP072324
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
BP021105.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	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	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	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.185		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	27.145		20-120		68	SPK: -40
4165-62-2	Phenol-d5	29.016		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.214		10-150		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.108		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	27.809		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	30.302		10-135		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.224		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.102		10-140		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.368		1-145		66	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.516		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	30.39		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.457		10-150		81	SPK: -40
81103-79-9	Fluorene-d10	31.917		20-140		80	SPK: -40

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.:	BP072324
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
BP021105.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	23.127		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	31.96		10-150		80	SPK: -40
1718-52-1	Pyrene-d10	28.79		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.418		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	150446	7.663				
1146-65-2	Naphthalene-d8	599755	10.44				
15067-26-2	Acenaphthene-d10	391044	14.304				
1517-22-2	Phenanthrene-d10	864840	17.128				
1719-03-5	Chrysene-d12	895672	21.563				
1520-96-3	Perylene-d12	1090785	24.88				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	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:	A4BE6	SDG No.:	BP072324
Lab Sample ID:	P3238-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021106.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	14	U	14	8.3	84	ug/Kg
100-52-7	Benzaldehyde	56	U	56	100	410	ug/Kg
110-86-1	Pyridine	41	U	41	210	410	ug/Kg
108-95-2	Phenol	54	U	54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	50	U	50	100	410	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	53.3	210	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	75	U	75	100	410	ug/Kg
98-86-2	Acetophenone	50	U	50	100	410	ug/Kg
106-44-5	4-Methylphenol	46	U	46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	64	U	64	53.3	210	ug/Kg
67-72-1	Hexachloroethane	23	U	23	53.3	210	ug/Kg
98-95-3	Nitrobenzene	39	U	39	53.3	210	ug/Kg
78-59-1	Isophorone	60	U	60	53.3	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	53.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	53.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	54	U	54	53.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	53.3	210	ug/Kg
91-20-3	Naphthalene	330		31	53.3	210	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	53.3	410	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	53.3	210	ug/Kg
105-60-2	Caprolactam	90	U	90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	61	U	61	53.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	150	J	41	53.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	180	J	29	53.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	61	U	61	53.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	53.3	210	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:	A4BE6	SDG No.:	BP072324
Lab Sample ID:	P3238-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021106.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	59	J	30	53.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	53.3	210	ug/Kg
88-74-4	2-Nitroaniline	51	U	51	53.3	210	ug/Kg
131-11-3	Dimethylphthalate	36	U	36	53.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	55	U	55	53.3	210	ug/Kg
208-96-8	Acenaphthylene	130	J	40	53.3	210	ug/Kg
99-09-2	3-Nitroaniline	55	U	55	100	410	ug/Kg
83-32-9	Acenaphthene	670		36	53.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	60	U	60	100	410	ug/Kg
100-02-7	4-Nitrophenol	55	U	55	100	410	ug/Kg
132-64-9	Dibenzofuran	500		40	53.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	54	U	54	53.3	210	ug/Kg
84-66-2	Diethylphthalate	38	U	38	53.3	210	ug/Kg
86-73-7	Fluorene	730		31	53.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.3	210	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	96	U	96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	41	U	41	53.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	53.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	36	U	36	53.3	210	ug/Kg
118-74-1	Hexachlorobenzene	40	U	40	53.3	210	ug/Kg
1912-24-9	Atrazine	89	U	89	100	410	ug/Kg
87-86-5	Pentachlorophenol	93	U	93	100	410	ug/Kg
85-01-8	Phenanthrene	7300	E	36	53.3	210	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.3	210	ug/Kg
120-12-7	Anthracene	1700		31	53.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	53.3	210	ug/Kg
86-74-8	Carbazole	960		35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	76	U	76	53.3	210	ug/Kg
206-44-0	Fluoranthene	6800	E	68	100	210	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:	A4BE6	SDG No.:	BP072324
Lab Sample ID:	P3238-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021106.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	4800	E	61	53.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	53.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	60	U	60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	3600	E	34	53.3	210	ug/Kg
218-01-9	Chrysene	3700	E	39	53.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	230		120	53.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	95	U	95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	3900	E	41	53.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1500		48	53.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	1700		40	53.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		39	53.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	520		35	53.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200	J	33	53.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	53.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.668		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	3.392	*	20-120		8	SPK: -40
4165-62-2	Phenol-d5	23.414		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.747		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.525		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	22.331		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	24.382		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.894		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.55		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	8.218		1-145		21	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.332		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.789		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.594		10-150		69	SPK: -40
81103-79-9	Fluorene-d10	27.237		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	7/11/2024 12:00:00 AM
Project:		Date Received:	7/11/2024 12:00:00 AM
Client Sample ID:	A4BE6	SDG No.:	BP072324
Lab Sample ID:	P3238-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021106.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	17.006		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	26.172		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	20.362		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.326		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	204843	7.657				
1146-65-2	Naphthalene-d8	834293	10.434				
15067-26-2	Acenaphthene-d10	542282	14.304				
1517-22-2	Phenanthrene-d10	1186105	17.116				
1719-03-5	Chrysene-d12	1122255	21.568				
1520-96-3	Perylene-d12	1459983	24.892				
TENTATIVE IDENTIFIED COMPOUNDS							
006344-67-8	9H-Fluoren-3-ol	210	J			15.669	
007320-53-8	Dibenzofuran, 4-methyl-	270	J			15.828	
002523-39-9	9H-Fluorene, 3-methyl-	190	J			16.398	
000486-25-9	9H-Fluoren-9-one	350	J			16.775	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	240	J			16.857	
000132-65-0	Dibenzothiophene	480	J			16.927	
000260-94-6	Acridine	240	J			17.322	
000605-02-7	Naphthalene, 1-phenyl-	170	J			17.651	
	unknown-01	280	J			17.722	
007372-88-5	Dibenzothiophene, 4-methyl-	170	J			17.851	
002531-84-2	Phenanthrene, 2-methyl-	870	J			18.022	
000057-10-3	n-Hexadecanoic acid	380	J			18.051	
000832-69-9	Phenanthrene, 1-methyl-	1100	J			18.075	
000613-12-7	Anthracene, 2-methyl-	370	J			18.157	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1600	J			18.227	
000779-02-2	Anthracene, 9-methyl-	580	J			18.263	
003652-91-3	9H-Carbazole, 2-methyl-	190	J			18.351	

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:	A4BE6	SDG No.:	BP072324
Lab Sample ID:	P3238-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021106.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
000612-94-2	Naphthalene, 2-phenyl-	620	J			18.539	
000084-65-1	9,10-Anthracenedione	770	J			18.598	
052251-71-5	Anthracene, 2-ethyl-	280	J			18.804	
001576-67-6	Phenanthrene, 3,6-dimethyl-	170	J			18.851	
002789-88-0	di-p-Tolylacetylene	160	J			18.892	
003674-66-6	Phenanthrene, 2,5-dimethyl-	460	J			18.974	
000081-84-5	Naphthalic anhydride	420	J			19.033	
005737-13-3	Cyclopenta(def)phenanthrenone	560	J			19.145	
000243-17-4	11H-Benzo[b]fluorene	250	J			20.151	
027208-37-3	Cyclopenta[cd]pyrene	190	J			21.221	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	150	J			22.78	
000192-97-2	Benzo[e]pyrene	620	J			24.11	
000198-55-0	Perylene	400	J			24.592	
E966796	Total Alkanes	30	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:	A4BE6MS	SDG No.:	BP072324
Lab Sample ID:	P3238-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.09	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
BP021107.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	360		14	8.2	83	ug/Kg
100-52-7	Benzaldehyde	1100		56	100	410	ug/Kg
110-86-1	Pyridine	590		41	210	410	ug/Kg
108-95-2	Phenol	1100		54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	990		50	100	410	ug/Kg
95-57-8	2-Chlorophenol	1100		29	53.1	210	ug/Kg
95-48-7	2-Methylphenol	1100		49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	950		75	100	410	ug/Kg
98-86-2	Acetophenone	1100		50	100	410	ug/Kg
106-44-5	4-Methylphenol	1100		46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	970		64	53.1	210	ug/Kg
67-72-1	Hexachloroethane	740		22	53.1	210	ug/Kg
98-95-3	Nitrobenzene	1100		39	53.1	210	ug/Kg
78-59-1	Isophorone	1000		60	53.1	210	ug/Kg
88-75-5	2-Nitrophenol	1200		39	53.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1000		31	53.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	990		54	53.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		20	53.1	210	ug/Kg
91-20-3	Naphthalene	1400		31	53.1	210	ug/Kg
106-47-8	4-Chloroaniline	610		30	53.1	410	ug/Kg
87-68-3	Hexachlorobutadiene	1100		55	53.1	210	ug/Kg
105-60-2	Caprolactam	1300		90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		61	53.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	1200		41	53.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	1300		29	53.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	J	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200		61	53.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		49	53.1	210	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:	A4BE6MS	SDG No.:	BP072324
Lab Sample ID:	P3238-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.09 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021107.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	1200		30	53.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	1100		32	53.1	210	ug/Kg
88-74-4	2-Nitroaniline	1300		51	53.1	210	ug/Kg
131-11-3	Dimethylphthalate	1100		36	53.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1200		55	53.1	210	ug/Kg
208-96-8	Acenaphthylene	1200		40	53.1	210	ug/Kg
99-09-2	3-Nitroaniline	1200		55	100	410	ug/Kg
83-32-9	Acenaphthene	1700		36	53.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	840		60	100	410	ug/Kg
100-02-7	4-Nitrophenol	1600		55	100	410	ug/Kg
132-64-9	Dibenzofuran	1600		40	53.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		54	53.1	210	ug/Kg
84-66-2	Diethylphthalate	1100		37	53.1	210	ug/Kg
86-73-7	Fluorene	1800		31	53.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		25	53.1	210	ug/Kg
100-01-6	4-Nitroaniline	1600		39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	890		96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		41	53.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		30	53.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100		36	53.1	210	ug/Kg
118-74-1	Hexachlorobenzene	890		40	53.1	210	ug/Kg
1912-24-9	Atrazine	880		89	100	410	ug/Kg
87-86-5	Pentachlorophenol	1000		92	100	410	ug/Kg
85-01-8	Phenanthrene	7700	E	36	53.1	210	ug/Kg
608-93-5	Pentachlorobenzene	990		65	53.1	210	ug/Kg
120-12-7	Anthracene	2600		31	53.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	990		62	53.1	210	ug/Kg
86-74-8	Carbazole	2000		35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	1100		76	53.1	210	ug/Kg
206-44-0	Fluoranthene	7000	E	67	100	210	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:	A4BE6MS	SDG No.:	BP072324
Lab Sample ID:	P3238-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021107.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	5000	E	61	53.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	1100		100	53.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	410		60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	4300	E	34	53.1	210	ug/Kg
218-01-9	Chrysene	4500	E	39	53.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200		120	53.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1000		95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	4500	E	41	53.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2500		47	53.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	2000		40	53.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1900		39	53.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		35	53.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	290		32	53.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		41	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.397		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	9.14		20-120		23	SPK: -40
4165-62-2	Phenol-d5	21.598		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.868		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.247		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	20.15		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	22.556		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.34		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.249		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.484		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.372		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.983		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.89		10-150		90	SPK: -40
81103-79-9	Fluorene-d10	24.58		20-140		61	SPK: -40



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

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:	A4BE6MS	SDG No.:	BP072324
Lab Sample ID:	P3238-02MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	500 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
BP021107.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	17.579		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	24.125		10-150		60	SPK: -40
1718-52-1	Pyrene-d10	18.482		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.982		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	192187	7.663				
1146-65-2	Naphthalene-d8	772966	10.44				
15067-26-2	Acenaphthene-d10	512318	14.31				
1517-22-2	Phenanthrene-d10	1111121	17.127				
1719-03-5	Chrysene-d12	1081174	21.58				
1520-96-3	Perylene-d12	1410234	24.909				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	30	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:	A4BE6MSD	SDG No.:	BP072324
Lab Sample ID:	P3238-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BP021108.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	390		14	8.3	83	ug/Kg
100-52-7	Benzaldehyde	1200		56	100	410	ug/Kg
110-86-1	Pyridine	640		41	210	410	ug/Kg
108-95-2	Phenol	1200		54	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		50	100	410	ug/Kg
95-57-8	2-Chlorophenol	1200		29	53.1	210	ug/Kg
95-48-7	2-Methylphenol	1200		49	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000		75	100	410	ug/Kg
98-86-2	Acetophenone	1200		50	100	410	ug/Kg
106-44-5	4-Methylphenol	1200		46	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100		64	53.1	210	ug/Kg
67-72-1	Hexachloroethane	800		23	53.1	210	ug/Kg
98-95-3	Nitrobenzene	1200		39	53.1	210	ug/Kg
78-59-1	Isophorone	1100		60	53.1	210	ug/Kg
88-75-5	2-Nitrophenol	1200		39	53.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		31	53.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		54	53.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		20	53.1	210	ug/Kg
91-20-3	Naphthalene	1500		31	53.1	210	ug/Kg
106-47-8	4-Chloroaniline	650		30	53.1	410	ug/Kg
87-68-3	Hexachlorobutadiene	1200		55	53.1	210	ug/Kg
105-60-2	Caprolactam	1300		90	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		61	53.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	1300		41	53.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	1400		29	53.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	J	120	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		61	53.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		49	53.1	210	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:	A4BE6MSD	SDG No.:	BP072324
Lab Sample ID:	P3238-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BP021108.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	1300		30	53.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	1200		33	53.1	210	ug/Kg
88-74-4	2-Nitroaniline	1300		51	53.1	210	ug/Kg
131-11-3	Dimethylphthalate	1200		36	53.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		55	53.1	210	ug/Kg
208-96-8	Acenaphthylene	1300		40	53.1	210	ug/Kg
99-09-2	3-Nitroaniline	1200		55	100	410	ug/Kg
83-32-9	Acenaphthene	1800		36	53.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	810		60	100	410	ug/Kg
100-02-7	4-Nitrophenol	1600		55	100	410	ug/Kg
132-64-9	Dibenzofuran	1700		40	53.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		54	53.1	210	ug/Kg
84-66-2	Diethylphthalate	1200		38	53.1	210	ug/Kg
86-73-7	Fluorene	1900		31	53.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		25	53.1	210	ug/Kg
100-01-6	4-Nitroaniline	1700		39	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	850		96	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1200		41	53.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		30	53.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		36	53.1	210	ug/Kg
118-74-1	Hexachlorobenzene	970		40	53.1	210	ug/Kg
1912-24-9	Atrazine	970		89	100	410	ug/Kg
87-86-5	Pentachlorophenol	1100		93	100	410	ug/Kg
85-01-8	Phenanthrene	8300	E	36	53.1	210	ug/Kg
608-93-5	Pentachlorobenzene	1100		65	53.1	210	ug/Kg
120-12-7	Anthracene	2900		31	53.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		63	53.1	210	ug/Kg
86-74-8	Carbazole	2200		35	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	1300		76	53.1	210	ug/Kg
206-44-0	Fluoranthene	8100	E	68	100	210	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:	A4BE6MSD	SDG No.:	BP072324
Lab Sample ID:	P3238-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BP021108.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	5600	E	61	53.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	1200		110	53.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	500		60	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	4900	E	34	53.1	210	ug/Kg
218-01-9	Chrysene	4900	E	39	53.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		120	53.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1100		95	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	5200	E	41	53.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	2700		48	53.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	2200		40	53.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100		39	53.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700		35	53.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	320		33	53.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1300		41	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.531		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	9.959		20-120		25	SPK: -40
4165-62-2	Phenol-d5	23.389		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.689		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.265		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	22.05		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	24.615		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.019		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.311		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.229		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.107		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.307		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.083		10-150		90	SPK: -40
81103-79-9	Fluorene-d10	26.919		20-140		67	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:	A4BE6MSD	SDG No.:	BP072324
Lab Sample ID:	P3238-03MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BP021108.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	16.644		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	26.637		10-150		67	SPK: -40
1718-52-1	Pyrene-d10	20.9		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.525		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	170019	7.657				
1146-65-2	Naphthalene-d8	687335	10.434				
15067-26-2	Acenaphthene-d10	449553	14.304				
1517-22-2	Phenanthrene-d10	952639	17.133				
1719-03-5	Chrysene-d12	885403	21.574				
1520-96-3	Perylene-d12	1148794	24.898				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	30	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:	A4BE8	SDG No.:	BP072324
Lab Sample ID:	P3238-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
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
BP021109.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	14	U	14	8.4	85	ug/Kg
100-52-7	Benzaldehyde	57	U	57	100	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	55	U	55	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	100	420	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	53.9	220	ug/Kg
95-48-7	2-Methylphenol	49	U	49	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	76	U	76	100	420	ug/Kg
98-86-2	Acetophenone	51	U	51	100	420	ug/Kg
106-44-5	4-Methylphenol	47	U	47	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	65	U	65	53.9	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	53.9	220	ug/Kg
98-95-3	Nitrobenzene	39	U	39	53.9	220	ug/Kg
78-59-1	Isophorone	61	U	61	53.9	220	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	53.9	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	53.9	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	53.9	220	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	53.9	220	ug/Kg
91-20-3	Naphthalene	120	J	32	53.9	220	ug/Kg
106-47-8	4-Chloroaniline	30	U	30	53.9	420	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	53.9	220	ug/Kg
105-60-2	Caprolactam	91	U	91	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	62	U	62	53.9	220	ug/Kg
90-12-0	1-Methylnaphthalene	58	J	42	53.9	220	ug/Kg
91-57-6	2-Methylnaphthalene	76	J	29	53.9	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	62	U	62	53.9	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	53.9	220	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:	A4BE8	SDG No.:	BP072324
Lab Sample ID:	P3238-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021109.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	30	U	30	53.9	220	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	53.9	220	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	53.9	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	53.9	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	53.9	220	ug/Kg
208-96-8	Acenaphthylene	74	J	41	53.9	220	ug/Kg
99-09-2	3-Nitroaniline	56	U	56	100	420	ug/Kg
83-32-9	Acenaphthene	260		37	53.9	220	ug/Kg
51-28-5	2,4-Dinitrophenol	61	U	61	100	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	100	420	ug/Kg
132-64-9	Dibenzofuran	130	J	41	53.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	53.9	220	ug/Kg
84-66-2	Diethylphthalate	38	U	38	53.9	220	ug/Kg
86-73-7	Fluorene	260		32	53.9	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	25	U	25	53.9	220	ug/Kg
100-01-6	4-Nitroaniline	39	U	39	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	98	U	98	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	53.9	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	30	U	30	53.9	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	53.9	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	53.9	220	ug/Kg
1912-24-9	Atrazine	90	U	90	100	420	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	100	420	ug/Kg
85-01-8	Phenanthrene	3000		37	53.9	220	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	53.9	220	ug/Kg
120-12-7	Anthracene	530		32	53.9	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	63	U	63	53.9	220	ug/Kg
86-74-8	Carbazole	300	J	36	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	85	J	77	53.9	220	ug/Kg
206-44-0	Fluoranthene	3300		68	100	220	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:	A4BE8	SDG No.:	BP072324
Lab Sample ID:	P3238-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
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
BP021109.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	2500		62	53.9	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	53.9	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	1600		34	53.9	220	ug/Kg
218-01-9	Chrysene	1700		39	53.9	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	320		120	53.9	220	ug/Kg
117-84-0	Di-n-octyl phthalate	96	U	96	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		42	53.9	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	710		48	53.9	220	ug/Kg
50-32-8	Benzo(a)pyrene	820		41	53.9	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	580		39	53.9	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	260		36	53.9	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	J	33	53.9	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	53.9	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.792		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	1.566	*	20-120		4	SPK: -40
4165-62-2	Phenol-d5	22.567		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.86		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.119		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	22.471		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	22.66		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.136		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.432		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.616		1-145		24	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.677		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	24.324		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.662		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	26.154		20-140		65	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:	A4BE8	SDG No.:	BP072324
Lab Sample ID:	P3238-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021109.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	11.443		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	26.534		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	22.171		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.241		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	159708	7.658				
1146-65-2	Naphthalene-d8	676237	10.44				
15067-26-2	Acenaphthene-d10	459374	14.304				
1517-22-2	Phenanthrene-d10	965445	17.116				
1719-03-5	Chrysene-d12	858841	21.569				
1520-96-3	Perylene-d12	1055863	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	200	J			11.181	
	unknown-01	140	J			14.522	
000486-25-9	9H-Fluoren-9-one	120	J			16.769	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	110	J			16.851	
000132-65-0	Dibenzothiophene	190	J			16.928	
016587-52-3	Dibenzothiophene, 3-methyl-	150	J			17.716	
007372-88-5	Dibenzothiophene, 4-methyl-	97	J			17.857	
002531-84-2	Phenanthrene, 2-methyl-	330	J			18.016	
000203-64-5	4H-Cyclopenta[def]phenanthrene	660	J			18.222	
000256-81-5	5H-Dibenzo[a,d]cycloheptene	250	J			18.263	
000612-94-2	Naphthalene, 2-phenyl-	330	J			18.545	
000084-65-1	9,10-Anthracenedione	440	J			18.598	
003674-69-9	Phenanthrene, 4,5-dimethyl-	86	J			18.798	
003674-66-6	Phenanthrene, 2,5-dimethyl-	210	J			18.981	
000081-84-5	Naphthalic anhydride	120	J			19.028	
005737-13-3	Cyclopenta(def)phenanthrenone	240	J			19.134	
000238-84-6	11H-Benzo[a]fluorene	240	J			20.157	



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

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:	A4BE8	SDG No.:	BP072324
Lab Sample ID:	P3238-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
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
BP021109.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
000479-79-8	11H-Benzo[a]fluoren-11-one	93	J			20.951	
027208-37-3	Cyclopenta[cd]pyrene	210	J			21.222	
000082-05-3	7H-Benz[de]anthracen-7-one	100	J			21.298	
E966796	Total Alkanes	30	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:	A4C04	SDG No.:	BP072324
Lab Sample ID:	P3238-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40
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
BP021110.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	18	U	18	11	110	ug/Kg
100-52-7	Benzaldehyde	75	U	75	140	550	ug/Kg
110-86-1	Pyridine	55	U	55	270	550	ug/Kg
108-95-2	Phenol	71	U	71	140	550	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	66	U	66	140	550	ug/Kg
95-57-8	2-Chlorophenol	38	U	38	70.6	280	ug/Kg
95-48-7	2-Methylphenol	65	U	65	140	550	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	550	ug/Kg
98-86-2	Acetophenone	66	U	66	140	550	ug/Kg
106-44-5	4-Methylphenol	61	U	61	140	550	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	85	U	85	70.6	280	ug/Kg
67-72-1	Hexachloroethane	30	U	30	70.6	280	ug/Kg
98-95-3	Nitrobenzene	51	U	51	70.6	280	ug/Kg
78-59-1	Isophorone	80	U	80	70.6	280	ug/Kg
88-75-5	2-Nitrophenol	51	U	51	70.6	280	ug/Kg
105-67-9	2,4-Dimethylphenol	42	U	42	70.6	280	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	71	U	71	70.6	280	ug/Kg
120-83-2	2,4-Dichlorophenol	27	U	27	70.6	280	ug/Kg
91-20-3	Naphthalene	170	J	42	70.6	280	ug/Kg
106-47-8	4-Chloroaniline	40	U	40	70.6	550	ug/Kg
87-68-3	Hexachlorobutadiene	73	U	73	70.6	280	ug/Kg
105-60-2	Caprolactam	120	U	120	140	550	ug/Kg
59-50-7	4-Chloro-3-methylphenol	81	U	81	70.6	280	ug/Kg
90-12-0	1-Methylnaphthalene	77	J	55	70.6	280	ug/Kg
91-57-6	2-Methylnaphthalene	94	J	38	70.6	280	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	550	ug/Kg
88-06-2	2,4,6-Trichlorophenol	81	U	81	70.6	280	ug/Kg
95-95-4	2,4,5-Trichlorophenol	65	U	65	70.6	280	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:	A4C04	SDG No.:	BP072324
Lab Sample ID:	P3238-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40
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
BP021110.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	40	U	40	70.6	280	ug/Kg
91-58-7	2-Chloronaphthalene	43	U	43	70.6	280	ug/Kg
88-74-4	2-Nitroaniline	68	U	68	70.6	280	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	70.6	280	ug/Kg
606-20-2	2,6-Dinitrotoluene	73	U	73	70.6	280	ug/Kg
208-96-8	Acenaphthylene	74	J	53	70.6	280	ug/Kg
99-09-2	3-Nitroaniline	73	U	73	140	550	ug/Kg
83-32-9	Acenaphthene	370		48	70.6	280	ug/Kg
51-28-5	2,4-Dinitrophenol	80	U	80	140	550	ug/Kg
100-02-7	4-Nitrophenol	73	U	73	140	550	ug/Kg
132-64-9	Dibenzofuran	240	J	53	70.6	280	ug/Kg
121-14-2	2,4-Dinitrotoluene	71	U	71	70.6	280	ug/Kg
84-66-2	Diethylphthalate	50	U	50	70.6	280	ug/Kg
86-73-7	Fluorene	440		42	70.6	280	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	33	U	33	70.6	280	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	140	550	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	550	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	70.6	280	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	40	U	40	70.6	280	ug/Kg
101-55-3	4-Bromophenyl-phenylether	48	U	48	70.6	280	ug/Kg
118-74-1	Hexachlorobenzene	53	U	53	70.6	280	ug/Kg
1912-24-9	Atrazine	120	U	120	140	550	ug/Kg
87-86-5	Pentachlorophenol	120	U	120	140	550	ug/Kg
85-01-8	Phenanthrene	4400		48	70.6	280	ug/Kg
608-93-5	Pentachlorobenzene	86	U	86	70.6	280	ug/Kg
120-12-7	Anthracene	890		42	70.6	280	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	83	U	83	70.6	280	ug/Kg
86-74-8	Carbazole	580		47	140	550	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	70.6	280	ug/Kg
206-44-0	Fluoranthene	4500	E	90	140	280	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:	A4C04	SDG No.:	BP072324
Lab Sample ID:	P3238-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40
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
BP021110.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	3400		81	70.6	280	ug/Kg
85-68-7	Butylbenzylphthalate	140	U	140	70.6	280	ug/Kg
91-94-1	3,3-Dichlorobenzidine	80	U	80	140	550	ug/Kg
56-55-3	Benzo(a)anthracene	2200		45	70.6	280	ug/Kg
218-01-9	Chrysene	2500		51	70.6	280	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	610		160	70.6	280	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	550	ug/Kg
205-99-2	Benzo(b)fluoranthene	2500		55	70.6	280	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000		63	70.6	280	ug/Kg
50-32-8	Benzo(a)pyrene	1300		53	70.6	280	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	820		51	70.6	280	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	350		47	70.6	280	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	J	43	70.6	280	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55	U	55	70.6	280	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.527		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	1.077	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	20.013		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.38		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.811		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	19.978		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	21.551		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.097		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.582		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.413		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.968		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	22.781		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.105		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	24.503		20-140		61	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:	A4C04	SDG No.:	BP072324
Lab Sample ID:	P3238-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40
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
BP021110.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	6.201		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	24.992		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	20.18		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.673		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	173197	7.663				
1146-65-2	Naphthalene-d8	699000	10.434				
15067-26-2	Acenaphthene-d10	468444	14.304				
1517-22-2	Phenanthrene-d10	1003653	17.122				
1719-03-5	Chrysene-d12	956430	21.569				
1520-96-3	Perylene-d12	1188350	24.898				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	160	J			11.187	
	unknown-01	720	J			14.522	
033146-45-1	1,1-Biphenyl, 2,6-dichloro-	120	J			15.581	
002523-37-7	9H-Fluorene, 9-methyl-	110	J			16.398	
000486-25-9	9H-Fluoren-9-one	150	J			16.775	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	110	J			16.857	
000132-65-0	Dibenzothiophene	240	J			16.928	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	160	J			17.728	
002531-84-2	Phenanthrene, 2-methyl-	440	J			18.028	
000832-69-9	Phenanthrene, 1-methyl-	1100	J			18.069	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	260	J			18.163	
000203-64-5	4H-Cyclopenta[def]phenanthrene	1100	J			18.228	
000610-48-0	Anthracene, 1-methyl-	390	J			18.269	
056136-14-2	9,10-Anthracenedione, 1,4,4a,9a-te	110	J			18.445	
000612-94-2	Naphthalene, 2-phenyl-	350	J			18.545	
000084-65-1	9,10-Anthracenedione	610	J			18.604	
003674-66-6	Phenanthrene, 2,5-dimethyl-	270	J			18.98	

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:	A4C04	SDG No.:	BP072324
Lab Sample ID:	P3238-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	40
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
BP021110.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
000057-11-4	Octadecanoic acid	130	J			19.386	
033543-31-6	Fluoranthene, 2-methyl-	160	J			19.986	
000243-17-4	11H-Benzo[b]fluorene	360	J			20.157	
000238-84-6	11H-Benzo[a]fluorene	150	J			20.257	
000243-46-9	Benzo[b]naphtho[2,3-d]thiophene	170	J			21.122	
	unknown-02	320	J			21.222	
	unknown-03	160	J			21.369	
025732-74-5	Cyclopenta(cd)pyrene, 3,4-dihydro-	130	J			21.763	
E966796	Total Alkanes	40	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:	A4BF7	SDG No.:	BP072324
Lab Sample ID:	P3238-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021111.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	13	U	13	7.6	76	ug/Kg
100-52-7	Benzaldehyde	51	U	51	94.4	380	ug/Kg
110-86-1	Pyridine	38	U	38	190	380	ug/Kg
108-95-2	Phenol	49	U	49	94.4	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	46	U	46	94.4	380	ug/Kg
95-57-8	2-Chlorophenol	26	U	26	48.6	190	ug/Kg
95-48-7	2-Methylphenol	45	U	45	94.4	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69	U	69	94.4	380	ug/Kg
98-86-2	Acetophenone	46	U	46	94.4	380	ug/Kg
106-44-5	4-Methylphenol	42	U	42	94.4	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	58	U	58	48.6	190	ug/Kg
67-72-1	Hexachloroethane	21	U	21	48.6	190	ug/Kg
98-95-3	Nitrobenzene	35	U	35	48.6	190	ug/Kg
78-59-1	Isophorone	55	U	55	48.6	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	48.6	190	ug/Kg
105-67-9	2,4-Dimethylphenol	29	U	29	48.6	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	48.6	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	48.6	190	ug/Kg
91-20-3	Naphthalene	29	U	29	48.6	190	ug/Kg
106-47-8	4-Chloroaniline	27	U	27	48.6	380	ug/Kg
87-68-3	Hexachlorobutadiene	50	U	50	48.6	190	ug/Kg
105-60-2	Caprolactam	82	U	82	94.4	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	56	U	56	48.6	190	ug/Kg
90-12-0	1-Methylnaphthalene	38	U	38	48.6	190	ug/Kg
91-57-6	2-Methylnaphthalene	26	U	26	48.6	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	U	110	94.4	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	48.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	45	U	45	48.6	190	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:	A4BF7	SDG No.:	BP072324
Lab Sample ID:	P3238-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021111.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	27	U	27	48.6	190	ug/Kg
91-58-7	2-Chloronaphthalene	30	U	30	48.6	190	ug/Kg
88-74-4	2-Nitroaniline	47	U	47	48.6	190	ug/Kg
131-11-3	Dimethylphthalate	33	U	33	48.6	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	48.6	190	ug/Kg
208-96-8	Acenaphthylene	62	J	37	48.6	190	ug/Kg
99-09-2	3-Nitroaniline	50	U	50	94.4	380	ug/Kg
83-32-9	Acenaphthene	110	J	33	48.6	190	ug/Kg
51-28-5	2,4-Dinitrophenol	55	U	55	94.4	380	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	94.4	380	ug/Kg
132-64-9	Dibenzofuran	63	J	37	48.6	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	49	U	49	48.6	190	ug/Kg
84-66-2	Diethylphthalate	34	U	34	48.6	190	ug/Kg
86-73-7	Fluorene	98	J	29	48.6	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	23	U	23	48.6	190	ug/Kg
100-01-6	4-Nitroaniline	35	U	35	94.4	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	88	U	88	94.4	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	38	U	38	48.6	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27	U	27	48.6	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	33	U	33	48.6	190	ug/Kg
118-74-1	Hexachlorobenzene	37	U	37	48.6	190	ug/Kg
1912-24-9	Atrazine	81	U	81	94.4	380	ug/Kg
87-86-5	Pentachlorophenol	85	U	85	94.4	380	ug/Kg
85-01-8	Phenanthrene	900		33	48.6	190	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	48.6	190	ug/Kg
120-12-7	Anthracene	230		29	48.6	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	57	U	57	48.6	190	ug/Kg
86-74-8	Carbazole	130	J	32	94.4	380	ug/Kg
84-74-2	Di-n-butylphthalate	70	U	70	48.6	190	ug/Kg
206-44-0	Fluoranthene	1100		62	94.4	190	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:	A4BF7	SDG No.:	BP072324
Lab Sample ID:	P3238-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021111.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	760		56	48.6	190	ug/Kg
85-68-7	Butylbenzylphthalate	96	U	96	48.6	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	94.4	380	ug/Kg
56-55-3	Benzo(a)anthracene	520		31	48.6	190	ug/Kg
218-01-9	Chrysene	570		35	48.6	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	48.6	190	ug/Kg
117-84-0	Di-n-octyl phthalate	87	U	87	94.4	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	670		38	48.6	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	250		43	48.6	190	ug/Kg
50-32-8	Benzo(a)pyrene	300		37	48.6	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220		35	48.6	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	96	J	32	48.6	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	49	J	30	48.6	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	38	U	38	48.6	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.684		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	4.769	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	23.051		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.797		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.066		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	21.782		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	22.908		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.443		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.083		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.014		1-145		10	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.357		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	24.067		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.538		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	25.664		20-140		64	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:	A4BF7	SDG No.:	BP072324
Lab Sample ID:	P3238-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
Sample Wt/Vol:	30	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
BP021111.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	6.871		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	24.387		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	20.328		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.904		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	157932	7.663				
1146-65-2	Naphthalene-d8	656671	10.433				
15067-26-2	Acenaphthene-d10	446818	14.304				
1517-22-2	Phenanthrene-d10	1004601	17.11				
1719-03-5	Chrysene-d12	983258	21.562				
1520-96-3	Perylene-d12	1183351	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	98	J			3.475	
000111-90-0	Ethanol, 2-(2-ethoxyethoxy)-	110	J			7.281	
000770-35-4	1-Phenoxypropan-2-ol	220	J			11.186	
000501-94-0	Benzeneethanol, 4-hydroxy-	120	J			13.486	
	unknown-01	1000	J			14.498	
	unknown-02	1500	J			14.522	
000112-39-0	Hexadecanoic acid, methyl ester	86	J			17.792	
000112-62-9	9-Octadecenoic acid (Z)-, methyl e	93	J			17.915	
010030-73-6	(E)-Hexadec-9-enoic acid	220	J			17.986	
000057-10-3	n-Hexadecanoic acid	710	J			18.045	
000203-64-5	4H-Cyclopenta[def]phenanthrene	180	J			18.221	
	unknown-03	87	J			18.351	
093327-56-1	6-Phenylbenzocyclohepten-7-one	88	J			18.539	
000084-65-1	9,10-Anthracenedione	120	J			18.598	
000057-11-4	Octadecanoic acid	110	J			19.374	
000238-84-6	11H-Benzo[a]fluorene	200	J			20.151	
002381-21-7	Pyrene, 1-methyl-	84	J			20.515	



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

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:	A4BF7	SDG No.:	BP072324
Lab Sample ID:	P3238-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	12.6
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
BP021111.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
	(DEL) Alkane: Cyclic	21.215	310	J		21.215	
	(DEL) Alkane: Straight-Chain	23.950	630	J		23.95	
1000406-32-4	Dotriacontane, 1-iodo-	1900	J			26.109	
E966796	Total Alkanes	940				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D31	SDG No.:	BP072324
Lab Sample ID:	P3215-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.3
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
BP021112.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	7.3	73	ug/Kg
100-52-7	Benzaldehyde	49	U	49	90.7	360	ug/Kg
110-86-1	Pyridine	36	U	36	180	360	ug/Kg
108-95-2	Phenol	47	U	47	90.7	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	90.7	360	ug/Kg
95-57-8	2-Chlorophenol	25	U	25	46.7	190	ug/Kg
95-48-7	2-Methylphenol	43	U	43	90.7	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	66	U	66	90.7	360	ug/Kg
98-86-2	Acetophenone	44	U	44	90.7	360	ug/Kg
106-44-5	4-Methylphenol	41	U	41	90.7	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	56	U	56	46.7	190	ug/Kg
67-72-1	Hexachloroethane	20	U	20	46.7	190	ug/Kg
98-95-3	Nitrobenzene	34	U	34	46.7	190	ug/Kg
78-59-1	Isophorone	53	U	53	46.7	190	ug/Kg
88-75-5	2-Nitrophenol	34	U	34	46.7	190	ug/Kg
105-67-9	2,4-Dimethylphenol	27	U	27	46.7	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	46.7	190	ug/Kg
120-83-2	2,4-Dichlorophenol	18	U	18	46.7	190	ug/Kg
91-20-3	Naphthalene	79	J	27	46.7	190	ug/Kg
106-47-8	4-Chloroaniline	26	U	26	46.7	360	ug/Kg
87-68-3	Hexachlorobutadiene	48	U	48	46.7	190	ug/Kg
105-60-2	Caprolactam	79	U	79	90.7	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	46.7	190	ug/Kg
90-12-0	1-Methylnaphthalene	95	J	36	46.7	190	ug/Kg
91-57-6	2-Methylnaphthalene	98	J	25	46.7	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	90.7	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	46.7	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	43	U	43	46.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D31	SDG No.:	BP072324
Lab Sample ID:	P3215-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.3
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
BP021112.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	46.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	29	U	29	46.7	190	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	46.7	190	ug/Kg
131-11-3	Dimethylphthalate	32	U	32	46.7	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	48	U	48	46.7	190	ug/Kg
208-96-8	Acenaphthylene	120	J	35	46.7	190	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	90.7	360	ug/Kg
83-32-9	Acenaphthene	32	U	32	46.7	190	ug/Kg
51-28-5	2,4-Dinitrophenol	53	U	53	90.7	360	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	90.7	360	ug/Kg
132-64-9	Dibenzofuran	46	J	35	46.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	47	U	47	46.7	190	ug/Kg
84-66-2	Diethylphthalate	33	U	33	46.7	190	ug/Kg
86-73-7	Fluorene	40	J	27	46.7	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	22	U	22	46.7	190	ug/Kg
100-01-6	4-Nitroaniline	34	U	34	90.7	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	85	U	85	90.7	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	36	U	36	46.7	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	26	U	26	46.7	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32	U	32	46.7	190	ug/Kg
118-74-1	Hexachlorobenzene	35	U	35	46.7	190	ug/Kg
1912-24-9	Atrazine	78	U	78	90.7	360	ug/Kg
87-86-5	Pentachlorophenol	81	U	81	90.7	360	ug/Kg
85-01-8	Phenanthrene	550		32	46.7	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	46.7	190	ug/Kg
120-12-7	Anthracene	120	J	27	46.7	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	55	U	55	46.7	190	ug/Kg
86-74-8	Carbazole	76	J	31	90.7	360	ug/Kg
84-74-2	Di-n-butylphthalate	67	U	67	46.7	190	ug/Kg
206-44-0	Fluoranthene	960		59	90.7	190	ug/Kg

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D31	SDG No.:	BP072324
Lab Sample ID:	P3215-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.3
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
BP021112.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	530		54	46.7	190	ug/Kg
85-68-7	Butylbenzylphthalate	92	U	92	46.7	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	53	U	53	90.7	360	ug/Kg
56-55-3	Benzo(a)anthracene	470		30	46.7	190	ug/Kg
218-01-9	Chrysene	630		34	46.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	46.7	190	ug/Kg
117-84-0	Di-n-octyl phthalate	84	U	84	90.7	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	740		36	46.7	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	250		42	46.7	190	ug/Kg
50-32-8	Benzo(a)pyrene	190		35	46.7	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	180	J	34	46.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	31	46.7	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	29	U	29	46.7	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	46.7	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.308		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	23.546		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.55		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.992		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	21.398		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	24.93		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.532		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.147		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	0.483		1-145		1	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.146		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	25.73		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.394		10-150		66	SPK: -40
81103-79-9	Fluorene-d10	27.472		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D31	SDG No.:	BP072324
Lab Sample ID:	P3215-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.3
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
BP021112.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.086		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	25.249		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	16.887		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.653		10-140		29	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197404	7.664				
1146-65-2	Naphthalene-d8	816245	10.428				
15067-26-2	Acenaphthene-d10	561489	14.304				
1517-22-2	Phenanthrene-d10	1210987	17.122				
1719-03-5	Chrysene-d12	1129569	21.569				
1520-96-3	Perylene-d12	1387150	24.91				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	440	J			3.705	
	unknown-02	120	J			4.464	
056960-89-5	Guanidine, monothiocyanate	180	J			4.923	
000065-85-0	Benzoic acid	310	J			9.805	
000103-82-2	Benzenecetic acid	380	J			11.057	
000770-35-4	1-Phenoxypropan-2-ol	210	J			11.181	
000575-43-9	Naphthalene, 1,6-dimethyl-	91	J			13.616	
039029-41-9	Naphthalene, 1,2,3,4,4a,5,6,8a-oct	110	J			14.534	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	75	J			15.104	
007320-53-8	Dibenzofuran, 4-methyl-	75	J			15.669	
	(DEL) Alkane: Straight-Chain16.069	190	J			16.069	
	(DEL) Alkane: Straight-Chain16.863	100	J			16.863	
002531-84-2	Phenanthrene, 2-methyl-	110	J			18.028	
000057-10-3	n-Hexadecanoic acid	970	J			18.057	
000610-48-0	Anthracene, 1-methyl-	210	J			18.222	
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	110	J			18.269	
	(DEL) Alkane: Straight-Chain18.357	120	J			18.357	

Report of Analysis

Client:		Date Collected:	7/10/2024 12:00:00 AM
Project:		Date Received:	7/10/2024 12:00:00 AM
Client Sample ID:	A4D31	SDG No.:	BP072324
Lab Sample ID:	P3215-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	9.3
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
BP021112.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000612-94-2	Naphthalene, 2-phenyl-	130	J			18.539	
000084-65-1	9,10-Anthracenedione	180	J			18.604	
003674-66-6	Phenanthrene, 2,5-dimethyl-	140	J			18.981	
005737-13-3	Cyclopenta(def)phenanthrenone	180	J			19.145	
000057-11-4	Octadecanoic acid	190	J			19.386	
002381-21-7	Pyrene, 1-methyl-	130	J			19.975	
000243-17-4	11H-Benzo[b]fluorene	270	J			20.151	
033543-31-6	Fluoranthene, 2-methyl-	84	J			20.322	
000506-30-9	Eicosanoic acid	88	J			20.51	
002400-66-0	Eicosanal-	100	J			20.875	
	(DEL) Alkane: Straight-Chain21.216	730	J			21.216	
000082-05-3	7H-Benz[de]anthracen-7-one	140	J			21.298	
014811-95-1	1,19-Eicosadiene	270	J			22.033	
	(DEL) Alkane: Straight-Chain22.416	320	J			22.416	
	(DEL) Alkane: Straight-Chain22.451	1300	J			22.451	
057402-36-5	Docosanal	1200	J			23.498	
	(DEL) Alkane: Straight-Chain23.969	2200	J			23.969	
	(DEL) Alkane: Cyclic24.051	1400	J			24.051	
072934-04-4	Nonacosanal	1300	J			25.492	
	(DEL) Alkane: Straight-Chain26.145	2600	J			26.145	
002004-39-9	1-Heptacosanol	800	J			26.286	
072934-03-3	Heptacosanal	1900	J			28.357	
E966796	Total Alkanes	9000				99	ug/Kg

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:	A4CJ7	SDG No.:	BP072324
Lab Sample ID:	P3215-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27
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
BP021113.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	9	91	ug/Kg
100-52-7	Benzaldehyde	62	U	62	110	450	ug/Kg
110-86-1	Pyridine	45	U	45	230	450	ug/Kg
108-95-2	Phenol	59	U	59	110	450	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	55	U	55	110	450	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	58.2	230	ug/Kg
95-48-7	2-Methylphenol	53	U	53	110	450	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	82	U	82	110	450	ug/Kg
98-86-2	Acetophenone	55	U	55	110	450	ug/Kg
106-44-5	4-Methylphenol	51	U	51	110	450	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	70	U	70	58.2	230	ug/Kg
67-72-1	Hexachloroethane	25	U	25	58.2	230	ug/Kg
98-95-3	Nitrobenzene	42	U	42	58.2	230	ug/Kg
78-59-1	Isophorone	66	U	66	58.2	230	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	58.2	230	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	58.2	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	59	U	59	58.2	230	ug/Kg
120-83-2	2,4-Dichlorophenol	22	U	22	58.2	230	ug/Kg
91-20-3	Naphthalene	34	U	34	58.2	230	ug/Kg
106-47-8	4-Chloroaniline	33	U	33	58.2	450	ug/Kg
87-68-3	Hexachlorobutadiene	60	U	60	58.2	230	ug/Kg
105-60-2	Caprolactam	99	U	99	110	450	ug/Kg
59-50-7	4-Chloro-3-methylphenol	67	U	67	58.2	230	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	58.2	230	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	58.2	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	450	ug/Kg
88-06-2	2,4,6-Trichlorophenol	67	U	67	58.2	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	58.2	230	ug/Kg



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:	A4CJ7	SDG No.:	BP072324
Lab Sample ID:	P3215-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27
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
BP021113.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33	U	33	58.2	230	ug/Kg
91-58-7	2-Chloronaphthalene	36	U	36	58.2	230	ug/Kg
88-74-4	2-Nitroaniline	56	U	56	58.2	230	ug/Kg
131-11-3	Dimethylphthalate	40	U	40	58.2	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	60	U	60	58.2	230	ug/Kg
208-96-8	Acenaphthylene	44	U	44	58.2	230	ug/Kg
99-09-2	3-Nitroaniline	60	U	60	110	450	ug/Kg
83-32-9	Acenaphthene	40	U	40	58.2	230	ug/Kg
51-28-5	2,4-Dinitrophenol	66	U	66	110	450	ug/Kg
100-02-7	4-Nitrophenol	60	U	60	110	450	ug/Kg
132-64-9	Dibenzofuran	44	U	44	58.2	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	59	U	59	58.2	230	ug/Kg
84-66-2	Diethylphthalate	41	U	41	58.2	230	ug/Kg
86-73-7	Fluorene	34	U	34	58.2	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	27	U	27	58.2	230	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	110	450	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	110	450	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	58.2	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	33	U	33	58.2	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	40	U	40	58.2	230	ug/Kg
118-74-1	Hexachlorobenzene	44	U	44	58.2	230	ug/Kg
1912-24-9	Atrazine	97	U	97	110	450	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	110	450	ug/Kg
85-01-8	Phenanthrene	130	J	40	58.2	230	ug/Kg
608-93-5	Pentachlorobenzene	71	U	71	58.2	230	ug/Kg
120-12-7	Anthracene	34	U	34	58.2	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	68	U	68	58.2	230	ug/Kg
86-74-8	Carbazole	38	U	38	110	450	ug/Kg
84-74-2	Di-n-butylphthalate	84	U	84	58.2	230	ug/Kg
206-44-0	Fluoranthene	180	J	74	110	230	ug/Kg

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:	A4CJ7	SDG No.:	BP072324
Lab Sample ID:	P3215-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27
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
BP021113.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	180	J	67	58.2	230	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	58.2	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	66	U	66	110	450	ug/Kg
56-55-3	Benzo(a)anthracene	99	J	37	58.2	230	ug/Kg
218-01-9	Chrysene	110	J	42	58.2	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	58.2	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	450	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	45	58.2	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	58.2	230	ug/Kg
50-32-8	Benzo(a)pyrene	100	J	44	58.2	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	59	J	42	58.2	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	38	U	38	58.2	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	72	J	36	58.2	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	58.2	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.919		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	19.961		20-120		50	SPK: -40
4165-62-2	Phenol-d5	23.423		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.553		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.358		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	23.351		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	24.483		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.005		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.719		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.438		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.572		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	26.513		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.946		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	28.115		20-140		70	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:	A4CJ7	SDG No.:	BP072324
Lab Sample ID:	P3215-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	27
Sample Wt/Vol:	30	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
BP021113.D	1	7/15/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162057

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.401		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	27.048		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	24.839		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.51		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	171829	7.657				
1146-65-2	Naphthalene-d8	706307	10.434				
15067-26-2	Acenaphthene-d10	468297	14.304				
1517-22-2	Phenanthrene-d10	1052764	17.122				
1719-03-5	Chrysene-d12	987029	21.557				
1520-96-3	Perylene-d12	1180697	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	120	J			14.528	
013029-08-8	1,1-Biphenyl, 2,2-dichloro-	130	J			15.575	
016605-91-7	1,1-Biphenyl, 2,3-dichloro-	99	J			16.198	
037680-65-2	1,1-Biphenyl, 2,2,5-trichloro-	160	J			16.986	
037680-66-3	2,2,4-Trichloro-1,1-biphenyl	100	J			17.016	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	110	J			17.292	
038444-81-4	1,1-Biphenyl, 2,3,5-trichloro-	140	J			17.581	
038444-86-9	1,1-Biphenyl, 2,3,4-trichloro-	340	J			17.722	
000057-10-3	n-Hexadecanoic acid	230	J			18.039	
001058-61-3	Stigmast-4-en-3-one	110	J			18.081	
070362-47-9	2,2,4,5-Tetrachloro-1,1-biphenyl	140	J			18.222	
041464-40-8	1,1-Biphenyl, 2,2,4,5-tetrachlo	220	J			18.286	
041464-48-6	1,1-Biphenyl, 3,3,4,5-tetrachlo	180	J			18.322	
038444-93-8	1,1-Biphenyl, 2,2,3,3-tetrachlo	97	J			18.51	
000057-11-4	Octadecanoic acid	110	J			19.38	
E966796	Total Alkanes	33	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:	A4BE9	SDG No.:	BP072324
Lab Sample ID:	P3238-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29
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
BP021114.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	9.3	94	ug/Kg
100-52-7	Benzaldehyde	63	U	63	120	460	ug/Kg
110-86-1	Pyridine	46	U	46	230	460	ug/Kg
108-95-2	Phenol	61	U	61	120	460	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	56	U	56	120	460	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	59.9	240	ug/Kg
95-48-7	2-Methylphenol	55	U	55	120	460	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	85	U	85	120	460	ug/Kg
98-86-2	Acetophenone	56	U	56	120	460	ug/Kg
106-44-5	4-Methylphenol	52	U	52	120	460	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	72	U	72	59.9	240	ug/Kg
67-72-1	Hexachloroethane	25	U	25	59.9	240	ug/Kg
98-95-3	Nitrobenzene	44	U	44	59.9	240	ug/Kg
78-59-1	Isophorone	68	U	68	59.9	240	ug/Kg
88-75-5	2-Nitrophenol	44	U	44	59.9	240	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	59.9	240	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	61	U	61	59.9	240	ug/Kg
120-83-2	2,4-Dichlorophenol	23	U	23	59.9	240	ug/Kg
91-20-3	Naphthalene	35	U	35	59.9	240	ug/Kg
106-47-8	4-Chloroaniline	34	U	34	59.9	460	ug/Kg
87-68-3	Hexachlorobutadiene	62	U	62	59.9	240	ug/Kg
105-60-2	Caprolactam	100	U	100	120	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	69	U	69	59.9	240	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	59.9	240	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	59.9	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	120	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	69	U	69	59.9	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	59.9	240	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:	A4BE9	SDG No.:	BP072324
Lab Sample ID:	P3238-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29
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
BP021114.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	34	U	34	59.9	240	ug/Kg
91-58-7	2-Chloronaphthalene	37	U	37	59.9	240	ug/Kg
88-74-4	2-Nitroaniline	58	U	58	59.9	240	ug/Kg
131-11-3	Dimethylphthalate	41	U	41	59.9	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	62	U	62	59.9	240	ug/Kg
208-96-8	Acenaphthylene	45	U	45	59.9	240	ug/Kg
99-09-2	3-Nitroaniline	62	U	62	120	460	ug/Kg
83-32-9	Acenaphthene	78	J	41	59.9	240	ug/Kg
51-28-5	2,4-Dinitrophenol	68	U	68	120	460	ug/Kg
100-02-7	4-Nitrophenol	62	U	62	120	460	ug/Kg
132-64-9	Dibenzofuran	45	U	45	59.9	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	61	U	61	59.9	240	ug/Kg
84-66-2	Diethylphthalate	42	U	42	59.9	240	ug/Kg
86-73-7	Fluorene	77	J	35	59.9	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28	U	28	59.9	240	ug/Kg
100-01-6	4-Nitroaniline	44	U	44	120	460	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	U	110	120	460	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	59.9	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	59.9	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	41	U	41	59.9	240	ug/Kg
118-74-1	Hexachlorobenzene	45	U	45	59.9	240	ug/Kg
1912-24-9	Atrazine	100	U	100	120	460	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	120	460	ug/Kg
85-01-8	Phenanthrene	910		41	59.9	240	ug/Kg
608-93-5	Pentachlorobenzene	73	U	73	59.9	240	ug/Kg
120-12-7	Anthracene	160	J	35	59.9	240	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	70	U	70	59.9	240	ug/Kg
86-74-8	Carbazole	120	J	39	120	460	ug/Kg
84-74-2	Di-n-butylphthalate	86	U	86	59.9	240	ug/Kg
206-44-0	Fluoranthene	1100		76	120	240	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:	A4BE9	SDG No.:	BP072324
Lab Sample ID:	P3238-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29
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
BP021114.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	780		69	59.9	240	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	59.9	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	68	U	68	120	460	ug/Kg
56-55-3	Benzo(a)anthracene	480		38	59.9	240	ug/Kg
218-01-9	Chrysene	540		44	59.9	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	210	J	140	59.9	240	ug/Kg
117-84-0	Di-n-octyl phthalate	110	U	110	120	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	620		46	59.9	240	ug/Kg
207-08-9	Benzo(k)fluoranthene	240		54	59.9	240	ug/Kg
50-32-8	Benzo(a)pyrene	270		45	59.9	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	190	J	44	59.9	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	83	J	39	59.9	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	37	U	37	59.9	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	46	U	46	59.9	240	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.791		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	3.532	*	20-120		9	SPK: -40
4165-62-2	Phenol-d5	21.432		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.405		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.01		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	19.651		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	22.443		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.834		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.402		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.598		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.917		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	23.628		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.924		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	25.409		20-140		64	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:	A4BE9	SDG No.:	BP072324
Lab Sample ID:	P3238-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	29
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
BP021114.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.865		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	24.378		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	20.93		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.209		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	156407	7.663				
1146-65-2	Naphthalene-d8	648034	10.428				
15067-26-2	Acenaphthene-d10	434413	14.304				
1517-22-2	Phenanthrene-d10	973053	17.116				
1719-03-5	Chrysene-d12	938059	21.568				
1520-96-3	Perylene-d12	1113152	24.892				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	120	J			3.481	
000770-35-4	1-Phenoxypropan-2-ol	190	J			11.187	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	98	A			14.516	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	130	J			17.739	
000057-10-3	n-Hexadecanoic acid	130	J			18.051	
000203-64-5	4H-Cyclopenta[def]phenanthrene	230	J			18.227	
000084-65-1	9,10-Anthracenedione	140	J			18.604	
	(DEL) Alkane: Cyclic21.215	150	J			21.215	
E966796	Total Alkanes	150				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:	A4BE7	SDG No.:	BP072324
Lab Sample ID:	P3238-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
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
BP021115.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	8.7	88	ug/Kg
100-52-7	Benzaldehyde	60	U	60	110	440	ug/Kg
110-86-1	Pyridine	44	U	44	220	440	ug/Kg
108-95-2	Phenol	57	U	57	110	440	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	53	U	53	110	440	ug/Kg
95-57-8	2-Chlorophenol	30	U	30	56.3	230	ug/Kg
95-48-7	2-Methylphenol	52	U	52	110	440	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	79	U	79	110	440	ug/Kg
98-86-2	Acetophenone	53	U	53	110	440	ug/Kg
106-44-5	4-Methylphenol	49	U	49	110	440	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	68	U	68	56.3	230	ug/Kg
67-72-1	Hexachloroethane	24	U	24	56.3	230	ug/Kg
98-95-3	Nitrobenzene	41	U	41	56.3	230	ug/Kg
78-59-1	Isophorone	64	U	64	56.3	230	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	56.3	230	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	56.3	230	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	57	U	57	56.3	230	ug/Kg
120-83-2	2,4-Dichlorophenol	21	U	21	56.3	230	ug/Kg
91-20-3	Naphthalene	33	U	33	56.3	230	ug/Kg
106-47-8	4-Chloroaniline	32	U	32	56.3	440	ug/Kg
87-68-3	Hexachlorobutadiene	58	U	58	56.3	230	ug/Kg
105-60-2	Caprolactam	95	U	95	110	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	65	U	65	56.3	230	ug/Kg
90-12-0	1-Methylnaphthalene	44	U	44	56.3	230	ug/Kg
91-57-6	2-Methylnaphthalene	30	U	30	56.3	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	130	U	130	110	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	65	U	65	56.3	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	56.3	230	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:	A4BE7	SDG No.:	BP072324
Lab Sample ID:	P3238-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
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
BP021115.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	32	U	32	56.3	230	ug/Kg
91-58-7	2-Chloronaphthalene	34	U	34	56.3	230	ug/Kg
88-74-4	2-Nitroaniline	54	U	54	56.3	230	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	56.3	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	58	U	58	56.3	230	ug/Kg
208-96-8	Acenaphthylene	42	U	42	56.3	230	ug/Kg
99-09-2	3-Nitroaniline	58	U	58	110	440	ug/Kg
83-32-9	Acenaphthene	38	U	38	56.3	230	ug/Kg
51-28-5	2,4-Dinitrophenol	64	U	64	110	440	ug/Kg
100-02-7	4-Nitrophenol	58	U	58	110	440	ug/Kg
132-64-9	Dibenzofuran	42	U	42	56.3	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	57	U	57	56.3	230	ug/Kg
84-66-2	Diethylphthalate	40	U	40	56.3	230	ug/Kg
86-73-7	Fluorene	53	J	33	56.3	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	56.3	230	ug/Kg
100-01-6	4-Nitroaniline	41	U	41	110	440	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	100	U	100	110	440	ug/Kg
86-30-6	N-Nitrosodiphenylamine	44	U	44	56.3	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	32	U	32	56.3	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	38	U	38	56.3	230	ug/Kg
118-74-1	Hexachlorobenzene	42	U	42	56.3	230	ug/Kg
1912-24-9	Atrazine	94	U	94	110	440	ug/Kg
87-86-5	Pentachlorophenol	98	U	98	110	440	ug/Kg
85-01-8	Phenanthrene	610		38	56.3	230	ug/Kg
608-93-5	Pentachlorobenzene	69	U	69	56.3	230	ug/Kg
120-12-7	Anthracene	100	J	33	56.3	230	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	66	U	66	56.3	230	ug/Kg
86-74-8	Carbazole	87	J	37	110	440	ug/Kg
84-74-2	Di-n-butylphthalate	81	U	81	56.3	230	ug/Kg
206-44-0	Fluoranthene	790		72	110	230	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:	A4BE7	SDG No.:	BP072324
Lab Sample ID:	P3238-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021115.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	530		65	56.3	230	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	56.3	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	64	U	64	110	440	ug/Kg
56-55-3	Benzo(a)anthracene	340		36	56.3	230	ug/Kg
218-01-9	Chrysene	380		41	56.3	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	56.3	230	ug/Kg
117-84-0	Di-n-octyl phthalate	100	U	100	110	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	430		44	56.3	230	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	50	56.3	230	ug/Kg
50-32-8	Benzo(a)pyrene	180	J	42	56.3	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	J	41	56.3	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	53	J	37	56.3	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	34	U	34	56.3	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	56.3	230	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.024		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	1.212	*	20-120		3	SPK: -40
4165-62-2	Phenol-d5	17.993		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.226		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.336		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	16.215		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	17.988		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.257		10-120		46	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.145		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.259		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.351		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	19.516		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.312		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	21.137		20-140		53	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:	A4BE7	SDG No.:	BP072324
Lab Sample ID:	P3238-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	24.5
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
BP021115.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.837		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	19.693		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	17.36		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.1		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	180342	7.669				
1146-65-2	Naphthalene-d8	748874	10.434				
15067-26-2	Acenaphthene-d10	500162	14.304				
1517-22-2	Phenanthrene-d10	1103114	17.122				
1719-03-5	Chrysene-d12	1024289	21.557				
1520-96-3	Perylene-d12	1238861	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	270	J			18.045	
002531-84-2	Phenanthrene, 2-methyl-	98	J			18.08	
000203-64-5	4H-Cyclopenta[def]phenanthrene	130	J			18.227	
000243-17-4	11H-Benzo[b]fluorene	91	J			20.145	
016742-51-1	Hexadecanoic acid, 2-hydroxy-, met	200	J			21.204	
E966796	Total Alkanes	32	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:	A4BF0	SDG No.:	BP072324
Lab Sample ID:	P3238-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021116.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	19	U	19	11.4	120	ug/Kg
100-52-7	Benzaldehyde	78	U	78	140	570	ug/Kg
110-86-1	Pyridine	57	U	57	280	570	ug/Kg
108-95-2	Phenol	74	U	74	140	570	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	69	U	69	140	570	ug/Kg
95-57-8	2-Chlorophenol	40	U	40	73.4	290	ug/Kg
95-48-7	2-Methylphenol	67	U	67	140	570	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	140	570	ug/Kg
98-86-2	Acetophenone	69	U	69	140	570	ug/Kg
106-44-5	4-Methylphenol	64	U	64	140	570	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	88	U	88	73.4	290	ug/Kg
67-72-1	Hexachloroethane	31	U	31	73.4	290	ug/Kg
98-95-3	Nitrobenzene	54	U	54	73.4	290	ug/Kg
78-59-1	Isophorone	83	U	83	73.4	290	ug/Kg
88-75-5	2-Nitrophenol	54	U	54	73.4	290	ug/Kg
105-67-9	2,4-Dimethylphenol	43	U	43	73.4	290	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	74	U	74	73.4	290	ug/Kg
120-83-2	2,4-Dichlorophenol	28	U	28	73.4	290	ug/Kg
91-20-3	Naphthalene	43	U	43	73.4	290	ug/Kg
106-47-8	4-Chloroaniline	41	U	41	73.4	570	ug/Kg
87-68-3	Hexachlorobutadiene	76	U	76	73.4	290	ug/Kg
105-60-2	Caprolactam	120	U	120	140	570	ug/Kg
59-50-7	4-Chloro-3-methylphenol	85	U	85	73.4	290	ug/Kg
90-12-0	1-Methylnaphthalene	57	U	57	73.4	290	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	73.4	290	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	U	160	140	570	ug/Kg
88-06-2	2,4,6-Trichlorophenol	85	U	85	73.4	290	ug/Kg
95-95-4	2,4,5-Trichlorophenol	67	U	67	73.4	290	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:	A4BF0	SDG No.:	BP072324
Lab Sample ID:	P3238-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021116.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	41	U	41	73.4	290	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	73.4	290	ug/Kg
88-74-4	2-Nitroaniline	71	U	71	73.4	290	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	73.4	290	ug/Kg
606-20-2	2,6-Dinitrotoluene	76	U	76	73.4	290	ug/Kg
208-96-8	Acenaphthylene	55	U	55	73.4	290	ug/Kg
99-09-2	3-Nitroaniline	76	U	76	140	570	ug/Kg
83-32-9	Acenaphthene	50	U	50	73.4	290	ug/Kg
51-28-5	2,4-Dinitrophenol	83	U	83	140	570	ug/Kg
100-02-7	4-Nitrophenol	76	U	76	140	570	ug/Kg
132-64-9	Dibenzofuran	55	U	55	73.4	290	ug/Kg
121-14-2	2,4-Dinitrotoluene	74	U	74	73.4	290	ug/Kg
84-66-2	Diethylphthalate	52	U	52	73.4	290	ug/Kg
86-73-7	Fluorene	43	U	43	73.4	290	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	35	U	35	73.4	290	ug/Kg
100-01-6	4-Nitroaniline	54	U	54	140	570	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	U	130	140	570	ug/Kg
86-30-6	N-Nitrosodiphenylamine	57	U	57	73.4	290	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	41	U	41	73.4	290	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	73.4	290	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	73.4	290	ug/Kg
1912-24-9	Atrazine	120	U	120	140	570	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	140	570	ug/Kg
85-01-8	Phenanthrene	410		50	73.4	290	ug/Kg
608-93-5	Pentachlorobenzene	90	U	90	73.4	290	ug/Kg
120-12-7	Anthracene	84	J	43	73.4	290	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	86	U	86	73.4	290	ug/Kg
86-74-8	Carbazole	59	J	48	140	570	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	73.4	290	ug/Kg
206-44-0	Fluoranthene	390		93	140	290	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:	A4BF0	SDG No.:	BP072324
Lab Sample ID:	P3238-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021116.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	330		85	73.4	290	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	73.4	290	ug/Kg
91-94-1	3,3-Dichlorobenzidine	83	U	83	140	570	ug/Kg
56-55-3	Benzo(a)anthracene	180	J	47	73.4	290	ug/Kg
218-01-9	Chrysene	200	J	54	73.4	290	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	980		170	73.4	290	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	140	570	ug/Kg
205-99-2	Benzo(b)fluoranthene	210	J	57	73.4	290	ug/Kg
207-08-9	Benzo(k)fluoranthene	78	J	66	73.4	290	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	55	73.4	290	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	83	J	54	73.4	290	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	73.4	290	ug/Kg
191-24-2	Benzo(g,h,i)perylene	100	J	45	73.4	290	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	57	U	57	73.4	290	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.677		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	18.191		20-120		45	SPK: -40
4165-62-2	Phenol-d5	22.455		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.492		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.731		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	21.941		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	21.897		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.572		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.478		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.169		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.346		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	23.421		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.248		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	24.784		20-140		62	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:	A4BF0	SDG No.:	BP072324
Lab Sample ID:	P3238-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	42.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021116.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.761		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	23.439		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	22.57		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.684		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	156693	7.663				
1146-65-2	Naphthalene-d8	649723	10.434				
15067-26-2	Acenaphthene-d10	445138	14.304				
1517-22-2	Phenanthrene-d10	985945	17.127				
1719-03-5	Chrysene-d12	934177	21.557				
1520-96-3	Perylene-d12	1159043	24.886				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-55-6	Propylene Glycol	180	J			3.475	
000770-35-4	1-Phenoxypropan-2-ol	280	J			11.193	
	unknown-01	370	J			14.534	
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	190	J			17.727	
000057-10-3	n-Hexadecanoic acid	190	J			18.039	
	unknown-02	130	J			18.227	
	(DEL) Alkane: Straight-Chain	210	J			21.21	
E966796	Total Alkanes	210				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:	A4BZ6	SDG No.:	BP072324
Lab Sample ID:	P3238-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021117.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	20	U	20	12.1	120	ug/Kg
100-52-7	Benzaldehyde	82	U	82	150	600	ug/Kg
110-86-1	Pyridine	60	U	60	300	600	ug/Kg
108-95-2	Phenol	79	U	79	150	600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	73	U	73	150	600	ug/Kg
95-57-8	2-Chlorophenol	42	U	42	77.7	310	ug/Kg
95-48-7	2-Methylphenol	71	U	71	150	600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	110	U	110	150	600	ug/Kg
98-86-2	Acetophenone	73	U	73	150	600	ug/Kg
106-44-5	4-Methylphenol	68	U	68	150	600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	93	U	93	77.7	310	ug/Kg
67-72-1	Hexachloroethane	33	U	33	77.7	310	ug/Kg
98-95-3	Nitrobenzene	57	U	57	77.7	310	ug/Kg
78-59-1	Isophorone	88	U	88	77.7	310	ug/Kg
88-75-5	2-Nitrophenol	57	U	57	77.7	310	ug/Kg
105-67-9	2,4-Dimethylphenol	46	U	46	77.7	310	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	79	U	79	77.7	310	ug/Kg
120-83-2	2,4-Dichlorophenol	29	U	29	77.7	310	ug/Kg
91-20-3	Naphthalene	46	U	46	77.7	310	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	77.7	600	ug/Kg
87-68-3	Hexachlorobutadiene	80	U	80	77.7	310	ug/Kg
105-60-2	Caprolactam	130	U	130	150	600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	90	U	90	77.7	310	ug/Kg
90-12-0	1-Methylnaphthalene	60	U	60	77.7	310	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	77.7	310	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	150	600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	90	U	90	77.7	310	ug/Kg
95-95-4	2,4,5-Trichlorophenol	71	U	71	77.7	310	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:	A4BZ6	SDG No.:	BP072324
Lab Sample ID:	P3238-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021117.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	44	U	44	77.7	310	ug/Kg
91-58-7	2-Chloronaphthalene	48	U	48	77.7	310	ug/Kg
88-74-4	2-Nitroaniline	75	U	75	77.7	310	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	77.7	310	ug/Kg
606-20-2	2,6-Dinitrotoluene	80	U	80	77.7	310	ug/Kg
208-96-8	Acenaphthylene	59	U	59	77.7	310	ug/Kg
99-09-2	3-Nitroaniline	80	U	80	150	600	ug/Kg
83-32-9	Acenaphthene	94	J	53	77.7	310	ug/Kg
51-28-5	2,4-Dinitrophenol	88	U	88	150	600	ug/Kg
100-02-7	4-Nitrophenol	80	U	80	150	600	ug/Kg
132-64-9	Dibenzofuran	59	U	59	77.7	310	ug/Kg
121-14-2	2,4-Dinitrotoluene	79	U	79	77.7	310	ug/Kg
84-66-2	Diethylphthalate	55	U	55	77.7	310	ug/Kg
86-73-7	Fluorene	99	J	46	77.7	310	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	37	U	37	77.7	310	ug/Kg
100-01-6	4-Nitroaniline	57	U	57	150	600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	U	140	150	600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	60	U	60	77.7	310	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	44	U	44	77.7	310	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	77.7	310	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	77.7	310	ug/Kg
1912-24-9	Atrazine	130	U	130	150	600	ug/Kg
87-86-5	Pentachlorophenol	140	U	140	150	600	ug/Kg
85-01-8	Phenanthrene	1200		53	77.7	310	ug/Kg
608-93-5	Pentachlorobenzene	95	U	95	77.7	310	ug/Kg
120-12-7	Anthracene	230	J	46	77.7	310	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	91	U	91	77.7	310	ug/Kg
86-74-8	Carbazole	150	J	51	150	600	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	77.7	310	ug/Kg
206-44-0	Fluoranthene	1700		99	150	310	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:	A4BZ6	SDG No.:	BP072324
Lab Sample ID:	P3238-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.3
Sample Wt/Vol:	30	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
BP021117.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		90	77.7	310	ug/Kg
85-68-7	Butylbenzylphthalate	150	U	150	77.7	310	ug/Kg
91-94-1	3,3-Dichlorobenzidine	88	U	88	150	600	ug/Kg
56-55-3	Benzo(a)anthracene	780		49	77.7	310	ug/Kg
218-01-9	Chrysene	960		57	77.7	310	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300	J	180	77.7	310	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	150	600	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		60	77.7	310	ug/Kg
207-08-9	Benzo(k)fluoranthene	470		69	77.7	310	ug/Kg
50-32-8	Benzo(a)pyrene	500		59	77.7	310	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	380		57	77.7	310	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	J	51	77.7	310	ug/Kg
191-24-2	Benzo(g,h,i)perylene	84	J	48	77.7	310	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60	U	60	77.7	310	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.026		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	15.421		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.694		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.009		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	14.915		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	16.626		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.967		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.798		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.692		1-145		19	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.89		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	17.507		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.935		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	18.687		20-140		47	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:	A4BZ6	SDG No.:	BP072324
Lab Sample ID:	P3238-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	45.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021117.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.004		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	17.865		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	15.176		10-130		38	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.535		10-140		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	172836	7.664				
1146-65-2	Naphthalene-d8	714751	10.434				
15067-26-2	Acenaphthene-d10	485659	14.31				
1517-22-2	Phenanthrene-d10	1066807	17.128				
1719-03-5	Chrysene-d12	1012359	21.557				
1520-96-3	Perylene-d12	1193453	24.874				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	250	J			11.187	
	unknown-01	390	J			14.504	
000057-10-3	n-Hexadecanoic acid	290	J			18.057	
000832-69-9	Phenanthrene, 1-methyl-	180	J			18.087	
000203-64-5	4H-Cyclopenta[def]phenanthrene	290	J			18.228	
000084-65-1	9,10-Anthracenedione	170	J			18.604	
000243-17-4	11H-Benzo[b]fluorene	150	J			20.151	
	unknown-02	120	J			21.175	
	(DEL) Alkane: Cyclic21.210	280	J			21.21	
E966796	Total Alkanes	280				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:	A4BZ5	SDG No.:	BP072324
Lab Sample ID:	P3238-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.8
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
BP021118.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	25	U	25	14.9	150	ug/Kg
100-52-7	Benzaldehyde	100	U	100	190	740	ug/Kg
110-86-1	Pyridine	74	U	74	370	740	ug/Kg
108-95-2	Phenol	97	U	97	190	740	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	90	U	90	190	740	ug/Kg
95-57-8	2-Chlorophenol	52	U	52	95.8	380	ug/Kg
95-48-7	2-Methylphenol	88	U	88	190	740	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	U	140	190	740	ug/Kg
98-86-2	Acetophenone	90	U	90	190	740	ug/Kg
106-44-5	4-Methylphenol	83	U	83	190	740	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	U	120	95.8	380	ug/Kg
67-72-1	Hexachloroethane	41	U	41	95.8	380	ug/Kg
98-95-3	Nitrobenzene	70	U	70	95.8	380	ug/Kg
78-59-1	Isophorone	110	U	110	95.8	380	ug/Kg
88-75-5	2-Nitrophenol	70	U	70	95.8	380	ug/Kg
105-67-9	2,4-Dimethylphenol	56	U	56	95.8	380	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	97	U	97	95.8	380	ug/Kg
120-83-2	2,4-Dichlorophenol	36	U	36	95.8	380	ug/Kg
91-20-3	Naphthalene	56	U	56	95.8	380	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	95.8	740	ug/Kg
87-68-3	Hexachlorobutadiene	99	U	99	95.8	380	ug/Kg
105-60-2	Caprolactam	160	U	160	190	740	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	U	110	95.8	380	ug/Kg
90-12-0	1-Methylnaphthalene	74	U	74	95.8	380	ug/Kg
91-57-6	2-Methylnaphthalene	52	U	52	95.8	380	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	190	740	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	U	110	95.8	380	ug/Kg
95-95-4	2,4,5-Trichlorophenol	88	U	88	95.8	380	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:	A4BZ5	SDG No.:	BP072324
Lab Sample ID:	P3238-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.8
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021118.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	95.8	380	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	59	95.8	380	ug/Kg
88-74-4	2-Nitroaniline	92	U	92	95.8	380	ug/Kg
131-11-3	Dimethylphthalate	65	U	65	95.8	380	ug/Kg
606-20-2	2,6-Dinitrotoluene	99	U	99	95.8	380	ug/Kg
208-96-8	Acenaphthylene	72	U	72	95.8	380	ug/Kg
99-09-2	3-Nitroaniline	99	U	99	190	740	ug/Kg
83-32-9	Acenaphthene	65	U	65	95.8	380	ug/Kg
51-28-5	2,4-Dinitrophenol	110	U	110	190	740	ug/Kg
100-02-7	4-Nitrophenol	99	U	99	190	740	ug/Kg
132-64-9	Dibenzofuran	72	U	72	95.8	380	ug/Kg
121-14-2	2,4-Dinitrotoluene	97	U	97	95.8	380	ug/Kg
84-66-2	Diethylphthalate	68	U	68	95.8	380	ug/Kg
86-73-7	Fluorene	81	J	56	95.8	380	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	45	U	45	95.8	380	ug/Kg
100-01-6	4-Nitroaniline	70	U	70	190	740	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	170	U	170	190	740	ug/Kg
86-30-6	N-Nitrosodiphenylamine	74	U	74	95.8	380	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	54	U	54	95.8	380	ug/Kg
101-55-3	4-Bromophenyl-phenylether	65	U	65	95.8	380	ug/Kg
118-74-1	Hexachlorobenzene	72	U	72	95.8	380	ug/Kg
1912-24-9	Atrazine	160	U	160	190	740	ug/Kg
87-86-5	Pentachlorophenol	170	U	170	190	740	ug/Kg
85-01-8	Phenanthrene	850		65	95.8	380	ug/Kg
608-93-5	Pentachlorobenzene	120	U	120	95.8	380	ug/Kg
120-12-7	Anthracene	170	J	56	95.8	380	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	110	U	110	95.8	380	ug/Kg
86-74-8	Carbazole	130	J	63	190	740	ug/Kg
84-74-2	Di-n-butylphthalate	140	U	140	95.8	380	ug/Kg
206-44-0	Fluoranthene	1500		120	190	380	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:	A4BZ5	SDG No.:	BP072324
Lab Sample ID:	P3238-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.8
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
BP021118.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100		110	95.8	380	ug/Kg
85-68-7	Butylbenzylphthalate	190	U	190	95.8	380	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	190	740	ug/Kg
56-55-3	Benzo(a)anthracene	680		61	95.8	380	ug/Kg
218-01-9	Chrysene	890		70	95.8	380	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	570		220	95.8	380	ug/Kg
117-84-0	Di-n-octyl phthalate	170	U	170	190	740	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100		74	95.8	380	ug/Kg
207-08-9	Benzo(k)fluoranthene	390		86	95.8	380	ug/Kg
50-32-8	Benzo(a)pyrene	470		72	95.8	380	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	380		70	95.8	380	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	J	63	95.8	380	ug/Kg
191-24-2	Benzo(g,h,i)perylene	86	J	59	95.8	380	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	74	U	74	95.8	380	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.725		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	13.398		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.736		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.765		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	11.458		10-140		29	SPK: -40
4165-60-0	Nitrobenzene-d5	15.213		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.1		10-120		38	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.396		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.39		1-145		11	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.852		10-145		40	SPK: -40
93951-97-4	Acenaphthylene-d8	16.456		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.451		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	17.753		20-140		44	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:	A4BZ5	SDG No.:	BP072324
Lab Sample ID:	P3238-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	55.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021118.D	1	7/16/2024 12:00:00 AM	7/24/2024 12:00:00 AM	PB162089

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.005		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	16.472		10-150		41	SPK: -40
1718-52-1	Pyrene-d10	13.982		10-130		35	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	12.363		10-140		31	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	149913	7.664				
1146-65-2	Naphthalene-d8	624809	10.434				
15067-26-2	Acenaphthene-d10	430070	14.298				
1517-22-2	Phenanthrene-d10	991441	17.122				
1719-03-5	Chrysene-d12	950015	21.563				
1520-96-3	Perylene-d12	1144354	24.88				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	280	J			11.193	
	unknown-01	330	J			14.528	
000057-10-3	n-Hexadecanoic acid	800	J			18.045	
000203-64-5	4H-Cyclopenta[def]phenanthrene	240	J			18.222	
000084-65-1	9,10-Anthracenedione	170	J			18.604	
000057-11-4	Octadecanoic acid	220	J			19.375	
	unknown-02	230	J			21.175	
1000406-04-8	Pentadecafluorooctanoic acid, octa	740	J			21.204	
	(DEL) Alkane: Straight-Chain22.398	560	J			22.398	
015594-90-8	1-Heneicosanol	740	J			22.439	
072934-04-4	Nonacosanal	510	J			23.474	
	(DEL) Alkane: Straight-Chain23.951	2300	J			23.951	
026627-85-0	Hexacosanal	1700	J			25.463	
000544-77-4	Hexadecane, 1-iodo-	1300	J			26.092	
007390-81-0	Oxirane, hexadecyl-	630	J			28.304	
E966796	Total Alkanes	2900				99	ug/Kg



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

Hit Summary Sheet SW-846

SDG No.: BP072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : A4D31								
P3215-14	A4D31	Solid	(DEL) Alkane: Cyclic24.051	*	1,400.000	J		
P3215-14	A4D31	Solid	(DEL) Alkane: Straight-Chain16.6	*	190.000	J		
P3215-14	A4D31	Solid	(DEL) Alkane: Straight-Chain16.8	*	100.000	J		
P3215-14	A4D31	Solid	(DEL) Alkane: Straight-Chain18.3	*	120.000	J		
P3215-14	A4D31	Solid	(DEL) Alkane: Straight-Chain21.2	*	730.000	J		
P3215-14	A4D31	Solid	(DEL) Alkane: Straight-Chain22.4	*	320.000	J		
P3215-14	A4D31	Solid	(DEL) Alkane: Straight-Chain22.4	*	1,300.000	J		
P3215-14	A4D31	Solid	(DEL) Alkane: Straight-Chain23.5	*	2,200.000	J		
P3215-14	A4D31	Solid	(DEL) Alkane: Straight-Chain26.1	*	2,600.000	J		
P3215-14	A4D31	Solid	1,19-Eicosadiene	*	270.000	J		
P3215-14	A4D31	Solid	1-Heptacosanol	*	800.000	J		
P3215-14	A4D31	Solid	1-Phenoxypropan-2-ol	*	210.000	J		
P3215-14	A4D31	Solid	11H-Benzo[b]fluorene	*	270.000	J		
P3215-14	A4D31	Solid	1H-Cyclopropa[l]phenanthrene,1a	*	110.000	J		
P3215-14	A4D31	Solid	7H-Benz[de]anthracen-7-one	*	140.000	J		
P3215-14	A4D31	Solid	9,10-Anthracenedione	*	180.000	J		
P3215-14	A4D31	Solid	Anthracene, 1-methyl-	*	210.000	J		
P3215-14	A4D31	Solid	Benzeneacetic acid	*	380.000	J		
P3215-14	A4D31	Solid	Benzoic acid	*	310.000	J		
P3215-14	A4D31	Solid	Cyclopenta(def)phenanthrenone	*	180.000	J		
P3215-14	A4D31	Solid	Dibenzofuran, 4-methyl-	*	75.000	J		
P3215-14	A4D31	Solid	Docosanal	*	1,200.000	J		
P3215-14	A4D31	Solid	Eicosanal-	*	100.000	J		
P3215-14	A4D31	Solid	Eicosanoic acid	*	88.000	J		
P3215-14	A4D31	Solid	Fluoranthene, 2-methyl-	*	84.000	J		
P3215-14	A4D31	Solid	Guanidine, monothiocyanate	*	180.000	J		
P3215-14	A4D31	Solid	Heptacosanal	*	1,900.000	J		
P3215-14	A4D31	Solid	n-Hexadecanoic acid	*	970.000	J		
P3215-14	A4D31	Solid	Naphthalene, 1,2,3,4,4a,5,6,8a-oct	*	110.000	J		
P3215-14	A4D31	Solid	Naphthalene, 1,6,7-trimethyl-	*	75.000	J		
P3215-14	A4D31	Solid	Naphthalene, 1,6-dimethyl-	*	91.000	J		
P3215-14	A4D31	Solid	Naphthalene, 2-phenyl-	*	130.000	J		
P3215-14	A4D31	Solid	Nonacosanal	*	1,300.000	J		
P3215-14	A4D31	Solid	Octadecanoic acid	*	190.000	J		
P3215-14	A4D31	Solid	Phenanthrene, 2,5-dimethyl-	*	140.000	J		
P3215-14	A4D31	Solid	Phenanthrene, 2-methyl-	*	110.000	J		
P3215-14	A4D31	Solid	Pyrene, 1-methyl-	*	130.000	J		

Hit Summary Sheet SW-846

SDG No.: BP072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-14	A4D31	Solid	unknown-01	*	440.000	J		
P3215-14	A4D31	Solid	unknown-02	*	120.000	J		
P3215-14	A4D31	Solid	Total Alkanes	*	9,000.000	26	190	ug/Kg
Total Tics :				28,453.00				
P3215-14	A4D31	Solid	1-Methylnaphthalene		95.000	J 36	190	ug/Kg
P3215-14	A4D31	Solid	2-Methylnaphthalene		98.000	J 25	190	ug/Kg
P3215-14	A4D31	Solid	Acenaphthylene		120.000	J 35	190	ug/Kg
P3215-14	A4D31	Solid	Anthracene		120.000	J 27	190	ug/Kg
P3215-14	A4D31	Solid	Benzo(a)anthracene		470.000	30	190	ug/Kg
P3215-14	A4D31	Solid	Benzo(a)pyrene		190.000	35	190	ug/Kg
P3215-14	A4D31	Solid	Benzo(b)fluoranthene		740.000	36	190	ug/Kg
P3215-14	A4D31	Solid	Benzo(k)fluoranthene		250.000	42	190	ug/Kg
P3215-14	A4D31	Solid	Carbazole		76.000	J 31	360	ug/Kg
P3215-14	A4D31	Solid	Chrysene		630.000	34	190	ug/Kg
P3215-14	A4D31	Solid	Dibenzo(a,h)anthracene		110.000	J 31	190	ug/Kg
P3215-14	A4D31	Solid	Dibenzofuran		46.000	J 35	190	ug/Kg
P3215-14	A4D31	Solid	Fluoranthene		960.000	59	190	ug/Kg
P3215-14	A4D31	Solid	Fluorene		40.000	J 27	190	ug/Kg
P3215-14	A4D31	Solid	Indeno(1,2,3-cd)pyrene		180.000	J 34	190	ug/Kg
P3215-14	A4D31	Solid	Naphthalene		79.000	J 27	190	ug/Kg
P3215-14	A4D31	Solid	Phenanthrene		550.000	32	190	ug/Kg
P3215-14	A4D31	Solid	Pyrene		530.000	54	190	ug/Kg
Total Svoc :				5,284.00				
Total Concentration:				33,737.00				

Client ID : A4CJ7

P3215-22	A4CJ7	Solid	1,1-Biphenyl, 2,2,3,3-tetrachlo	*	97.000	J		
P3215-22	A4CJ7	Solid	1,1-Biphenyl, 2,2,4,5-tetrachlo	*	220.000	J		
P3215-22	A4CJ7	Solid	1,1-Biphenyl, 2,2,5-trichloro-	*	160.000	J		
P3215-22	A4CJ7	Solid	1,1-Biphenyl, 2,2-dichloro-	*	130.000	J		
P3215-22	A4CJ7	Solid	1,1-Biphenyl, 2,3,4-trichloro-	*	340.000	J		
P3215-22	A4CJ7	Solid	1,1-Biphenyl, 2,3,5-trichloro-	*	140.000	J		
P3215-22	A4CJ7	Solid	1,1-Biphenyl, 2,3-dichloro-	*	99.000	J		
P3215-22	A4CJ7	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	110.000	J		
P3215-22	A4CJ7	Solid	1,1-Biphenyl, 3,3,4,5-tetrachlo	*	180.000	J		
P3215-22	A4CJ7	Solid	2,2,4,5-Tetrachloro-1,1-biphenyl	*	140.000	J		
P3215-22	A4CJ7	Solid	2,2,4-Trichloro-1,1-biphenyl	*	100.000	J		
P3215-22	A4CJ7	Solid	n-Hexadecanoic acid	*	230.000	J		
P3215-22	A4CJ7	Solid	Octadecanoic acid	*	110.000	J		
P3215-22	A4CJ7	Solid	Stigmast-4-en-3-one	*	110.000	J		
P3215-22	A4CJ7	Solid	unknown-01	*	120.000	J		

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SDG No.: BP072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3215-22	A4CJ7	Solid	Total Alkanes	*	0.000	33	230	ug/Kg
Total Tics :				2,286.00				
P3215-22	A4CJ7	Solid	Benzo(a)anthracene	99.000	J	37	230	ug/Kg
P3215-22	A4CJ7	Solid	Benzo(a)pyrene	100.000	J	44	230	ug/Kg
P3215-22	A4CJ7	Solid	Benzo(b)fluoranthene	120.000	J	45	230	ug/Kg
P3215-22	A4CJ7	Solid	Benzo(g,h,i)perylene	72.000	J	36	230	ug/Kg
P3215-22	A4CJ7	Solid	Chrysene	110.000	J	42	230	ug/Kg
P3215-22	A4CJ7	Solid	Fluoranthene	180.000	J	74	230	ug/Kg
P3215-22	A4CJ7	Solid	Indeno(1,2,3-cd)pyrene	59.000	J	42	230	ug/Kg
P3215-22	A4CJ7	Solid	Phenanthrene	130.000	J	40	230	ug/Kg
P3215-22	A4CJ7	Solid	Pyrene	180.000	J	67	230	ug/Kg
Total Svoc :				1,050.00				
Total Concentration:				3,336.00				

Client ID : A4BE6

P3238-01	A4BE6	Solid	1,4-Benzenedicarboxylic acid, bis *	150.000	J			
P3238-01	A4BE6	Solid	11H-Benzo[b]fluorene *	250.000	J			
P3238-01	A4BE6	Solid	4H-Cyclopenta[def]phenanthrene *	1,600.000	J			
P3238-01	A4BE6	Solid	9,10-Anthracenedione *	770.000	J			
P3238-01	A4BE6	Solid	9H-Carbazole, 2-methyl- *	190.000	J			
P3238-01	A4BE6	Solid	9H-Fluoren-3-ol *	210.000	J			
P3238-01	A4BE6	Solid	9H-Fluoren-9-one *	350.000	J			
P3238-01	A4BE6	Solid	9H-Fluorene, 3-methyl- *	190.000	J			
P3238-01	A4BE6	Solid	Acridine *	240.000	J			
P3238-01	A4BE6	Solid	Anthracene, 1,2,3,4-tetrahydro- *	240.000	J			
P3238-01	A4BE6	Solid	Anthracene, 2-ethyl- *	280.000	J			
P3238-01	A4BE6	Solid	Anthracene, 2-methyl- *	370.000	J			
P3238-01	A4BE6	Solid	Anthracene, 9-methyl- *	580.000	J			
P3238-01	A4BE6	Solid	Benzo[e]pyrene *	620.000	J			
P3238-01	A4BE6	Solid	Cyclopenta(def)phenanthrenone *	560.000	J			
P3238-01	A4BE6	Solid	Cyclopenta[cd]pyrene *	190.000	J			
P3238-01	A4BE6	Solid	di-p-Tolylacetylene *	160.000	J			
P3238-01	A4BE6	Solid	Dibenzofuran, 4-methyl- *	270.000	J			
P3238-01	A4BE6	Solid	Dibenzothiophene *	480.000	J			
P3238-01	A4BE6	Solid	Dibenzothiophene, 4-methyl- *	170.000	J			
P3238-01	A4BE6	Solid	n-Hexadecanoic acid *	380.000	J			
P3238-01	A4BE6	Solid	Naphthalene, 1-phenyl- *	170.000	J			
P3238-01	A4BE6	Solid	Naphthalene, 2-phenyl- *	620.000	J			
P3238-01	A4BE6	Solid	Naphthalic anhydride *	420.000	J			
P3238-01	A4BE6	Solid	Perylene *	400.000	J			
P3238-01	A4BE6	Solid	Phenanthrene, 1-methyl- *	1,100.000	J			

Hit Summary Sheet SW-846

SDG No.: BP072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-01	A4BE6	Solid	Phenanthrene, 2,5-dimethyl-	*	460.000	J		
P3238-01	A4BE6	Solid	Phenanthrene, 2-methyl-	*	870.000	J		
P3238-01	A4BE6	Solid	Phenanthrene, 3,6-dimethyl-	*	170.000	J		
P3238-01	A4BE6	Solid	unknown-01	*	280.000	J		
P3238-01	A4BE6	Solid	Total Alkanes	*	0.000	30	210	ug/Kg
Total Tics :				12,740.00				
P3238-01	A4BE6	Solid	1,1-Biphenyl		59.000	J 30	210	ug/Kg
P3238-01	A4BE6	Solid	1-Methylnaphthalene		150.000	J 41	210	ug/Kg
P3238-01	A4BE6	Solid	2-Methylnaphthalene		180.000	J 29	210	ug/Kg
P3238-01	A4BE6	Solid	Acenaphthene		670.000	36	210	ug/Kg
P3238-01	A4BE6	Solid	Acenaphthylene		130.000	J 40	210	ug/Kg
P3238-01	A4BE6	Solid	Anthracene		1,700.000	31	210	ug/Kg
P3238-01	A4BE6	Solid	Benzo(a)anthracene		3,600.000	E 34	210	ug/Kg
P3238-01	A4BE6	Solid	Benzo(a)pyrene		1,700.000	40	210	ug/Kg
P3238-01	A4BE6	Solid	Benzo(b)fluoranthene		3,900.000	E 41	210	ug/Kg
P3238-01	A4BE6	Solid	Benzo(g,h,i)perylene		200.000	J 33	210	ug/Kg
P3238-01	A4BE6	Solid	Benzo(k)fluoranthene		1,500.000	48	210	ug/Kg
P3238-01	A4BE6	Solid	Bis(2-ethylhexyl)phthalate		230.000	120	210	ug/Kg
P3238-01	A4BE6	Solid	Carbazole		960.000	35	410	ug/Kg
P3238-01	A4BE6	Solid	Chrysene		3,700.000	E 39	210	ug/Kg
P3238-01	A4BE6	Solid	Dibenzo(a,h)anthracene		520.000	35	210	ug/Kg
P3238-01	A4BE6	Solid	Dibenzofuran		500.000	40	210	ug/Kg
P3238-01	A4BE6	Solid	Fluoranthene		6,800.000	E 68	210	ug/Kg
P3238-01	A4BE6	Solid	Fluorene		730.000	31	210	ug/Kg
P3238-01	A4BE6	Solid	Indeno(1,2,3-cd)pyrene		1,200.000	39	210	ug/Kg
P3238-01	A4BE6	Solid	Naphthalene		330.000	31	210	ug/Kg
P3238-01	A4BE6	Solid	Phenanthrene		7,300.000	E 36	210	ug/Kg
P3238-01	A4BE6	Solid	Pyrene		4,800.000	E 61	210	ug/Kg
Total Svoc :				40,859.00				
Total Concentration:				53,599.00				
Client ID : A4BE7								
P3238-04	A4BE7	Solid	11H-Benzo[b]fluorene	*	91.000	J		
P3238-04	A4BE7	Solid	4H-Cyclopenta[def]phenanthrene	*	130.000	J		
P3238-04	A4BE7	Solid	Hexadecanoic acid, 2-hydroxy-, n	*	200.000	J		
P3238-04	A4BE7	Solid	n-Hexadecanoic acid	*	270.000	J		
P3238-04	A4BE7	Solid	Phenanthrene, 2-methyl-	*	98.000	J		
P3238-04	A4BE7	Solid	Total Alkanes	*	0.000	32	230	ug/Kg
Total Tics :				789.00				
P3238-04	A4BE7	Solid	Anthracene		100.000	J 33	230	ug/Kg
P3238-04	A4BE7	Solid	Benzo(a)anthracene		340.000	36	230	ug/Kg

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SDG No.: BP072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-04	A4BE7	Solid	Benzo(a)pyrene	180.000	J	42	230	ug/Kg
P3238-04	A4BE7	Solid	Benzo(b)fluoranthene	430.000		44	230	ug/Kg
P3238-04	A4BE7	Solid	Benzo(k)fluoranthene	160.000	J	50	230	ug/Kg
P3238-04	A4BE7	Solid	Carbazole	87.000	J	37	440	ug/Kg
P3238-04	A4BE7	Solid	Chrysene	380.000		41	230	ug/Kg
P3238-04	A4BE7	Solid	Dibenzo(a,h)anthracene	53.000	J	37	230	ug/Kg
P3238-04	A4BE7	Solid	Fluoranthene	790.000		72	230	ug/Kg
P3238-04	A4BE7	Solid	Fluorene	53.000	J	33	230	ug/Kg
P3238-04	A4BE7	Solid	Indeno(1,2,3-cd)pyrene	130.000	J	41	230	ug/Kg
P3238-04	A4BE7	Solid	Phenanthrene	610.000		38	230	ug/Kg
P3238-04	A4BE7	Solid	Pyrene	530.000		65	230	ug/Kg

Total Svoc :

3,843.00

Total Concentration:

4,632.00

Client ID : A4BE8

P3238-05	A4BE8	Solid	1-Phenoxypropan-2-ol	*	200.000	J		
P3238-05	A4BE8	Solid	11H-Benzo[a]fluoren-11-one	*	93.000	J		
P3238-05	A4BE8	Solid	11H-Benzo[a]fluorene	*	240.000	J		
P3238-05	A4BE8	Solid	4H-Cyclopenta[def]phenanthrene	*	660.000	J		
P3238-05	A4BE8	Solid	5H-Dibenzo[a,d]cycloheptene	*	250.000	J		
P3238-05	A4BE8	Solid	7H-Benz[de]anthracen-7-one	*	100.000	J		
P3238-05	A4BE8	Solid	9,10-Anthracenedione	*	440.000	J		
P3238-05	A4BE8	Solid	9H-Fluoren-9-one	*	120.000	J		
P3238-05	A4BE8	Solid	Anthracene, 1,2,3,4-tetrahydro-	*	110.000	J		
P3238-05	A4BE8	Solid	Cyclopenta(def)phenanthrenone	*	240.000	J		
P3238-05	A4BE8	Solid	Cyclopenta[cd]pyrene	*	210.000	J		
P3238-05	A4BE8	Solid	Dibenzothiophene	*	190.000	J		
P3238-05	A4BE8	Solid	Dibenzothiophene, 3-methyl-	*	150.000	J		
P3238-05	A4BE8	Solid	Dibenzothiophene, 4-methyl-	*	97.000	J		
P3238-05	A4BE8	Solid	Naphthalene, 2-phenyl-	*	330.000	J		
P3238-05	A4BE8	Solid	Naphthalic anhydride	*	120.000	J		
P3238-05	A4BE8	Solid	Phenanthrene, 2,5-dimethyl-	*	210.000	J		
P3238-05	A4BE8	Solid	Phenanthrene, 2-methyl-	*	330.000	J		
P3238-05	A4BE8	Solid	Phenanthrene, 4,5-dimethyl-	*	86.000	J		
P3238-05	A4BE8	Solid	unknown-01	*	140.000	J		
P3238-05	A4BE8	Solid	Total Alkanes	*	0.000		30	220 ug/Kg

Total Tics :

4,316.00

P3238-05	A4BE8	Solid	1-Methylnaphthalene		58.000	J	42	220 ug/Kg
P3238-05	A4BE8	Solid	2-Methylnaphthalene		76.000	J	29	220 ug/Kg
P3238-05	A4BE8	Solid	Acenaphthene		260.000		37	220 ug/Kg
P3238-05	A4BE8	Solid	Acenaphthylene		74.000	J	41	220 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-05	A4BE8	Solid	Anthracene	530.000		32	220	ug/Kg
P3238-05	A4BE8	Solid	Benzo(a)anthracene	1,600.000		34	220	ug/Kg
P3238-05	A4BE8	Solid	Benzo(a)pyrene	820.000		41	220	ug/Kg
P3238-05	A4BE8	Solid	Benzo(b)fluoranthene	1,900.000		42	220	ug/Kg
P3238-05	A4BE8	Solid	Benzo(g,h,i)perylene	120.000	J	33	220	ug/Kg
P3238-05	A4BE8	Solid	Benzo(k)fluoranthene	710.000		48	220	ug/Kg
P3238-05	A4BE8	Solid	Bis(2-ethylhexyl)phthalate	320.000		120	220	ug/Kg
P3238-05	A4BE8	Solid	Carbazole	300.000	J	36	420	ug/Kg
P3238-05	A4BE8	Solid	Chrysene	1,700.000		39	220	ug/Kg
P3238-05	A4BE8	Solid	Di-n-butylphthalate	85.000	J	77	220	ug/Kg
P3238-05	A4BE8	Solid	Dibenzo(a,h)anthracene	260.000		36	220	ug/Kg
P3238-05	A4BE8	Solid	Dibenzofuran	130.000	J	41	220	ug/Kg
P3238-05	A4BE8	Solid	Fluoranthene	3,300.000		68	220	ug/Kg
P3238-05	A4BE8	Solid	Fluorene	260.000		32	220	ug/Kg
P3238-05	A4BE8	Solid	Indeno(1,2,3-cd)pyrene	580.000		39	220	ug/Kg
P3238-05	A4BE8	Solid	Naphthalene	120.000	J	32	220	ug/Kg
P3238-05	A4BE8	Solid	Phenanthrene	3,000.000		37	220	ug/Kg
P3238-05	A4BE8	Solid	Pyrene	2,500.000		62	220	ug/Kg

Total Svoc : 18,703.00

Total Concentration: 23,019.00

Client ID : A4BE9

P3238-06	A4BE9	Solid	(DEL) Alkane: Cyclic21.215	*	150.000	J		
P3238-06	A4BE9	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	130.000	J		
P3238-06	A4BE9	Solid	1-Phenoxypropan-2-ol	*	190.000	J		
P3238-06	A4BE9	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	98.000	A		
P3238-06	A4BE9	Solid	4H-Cyclopenta[def]phenanthrene	*	230.000	J		
P3238-06	A4BE9	Solid	9,10-Anthracenedione	*	140.000	J		
P3238-06	A4BE9	Solid	n-Hexadecanoic acid	*	130.000	J		
P3238-06	A4BE9	Solid	Propylene Glycol	*	120.000	J		
P3238-06	A4BE9	Solid	Total Alkanes	*	150.000		34	240 ug/Kg

Total Tics : 1,338.00

P3238-06	A4BE9	Solid	Acenaphthene		78.000	J	41	240 ug/Kg
P3238-06	A4BE9	Solid	Anthracene		160.000	J	35	240 ug/Kg
P3238-06	A4BE9	Solid	Benzo(a)anthracene		480.000		38	240 ug/Kg
P3238-06	A4BE9	Solid	Benzo(a)pyrene		270.000		45	240 ug/Kg
P3238-06	A4BE9	Solid	Benzo(b)fluoranthene		620.000		46	240 ug/Kg
P3238-06	A4BE9	Solid	Benzo(k)fluoranthene		240.000		54	240 ug/Kg
P3238-06	A4BE9	Solid	Bis(2-ethylhexyl)phthalate	J	210.000		140	240 ug/Kg
P3238-06	A4BE9	Solid	Carbazole	J	120.000		39	460 ug/Kg
P3238-06	A4BE9	Solid	Chrysene		540.000		44	240 ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BP072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-06	A4BE9	Solid	Dibenzo(a,h)anthracene	83.000	J	39	240	ug/Kg
P3238-06	A4BE9	Solid	Fluoranthene	1,100.000		76	240	ug/Kg
P3238-06	A4BE9	Solid	Fluorene	77.000	J	35	240	ug/Kg
P3238-06	A4BE9	Solid	Indeno(1,2,3-cd)pyrene	190.000	J	44	240	ug/Kg
P3238-06	A4BE9	Solid	Phenanthrene	910.000		41	240	ug/Kg
P3238-06	A4BE9	Solid	Pyrene	780.000		69	240	ug/Kg
Total Svoc :				5,858.00				
Total Concentration:				7,196.00				
Client ID : A4BF0								
P3238-07	A4BF0	Solid	(DEL) Alkane: Straight-Chain21.2 *	210.000	J			
P3238-07	A4BF0	Solid	1,1-Biphenyl, 2,4,4-trichloro- *	190.000	J			
P3238-07	A4BF0	Solid	1-Phenoxypropan-2-ol *	280.000	J			
P3238-07	A4BF0	Solid	n-Hexadecanoic acid *	190.000	J			
P3238-07	A4BF0	Solid	Propylene Glycol *	180.000	J			
P3238-07	A4BF0	Solid	unknown-01 *	370.000	J			
P3238-07	A4BF0	Solid	unknown-02 *	130.000	J			
P3238-07	A4BF0	Solid	Total Alkanes *	210.000		41	290	ug/Kg
Total Tics :				1,760.00				
P3238-07	A4BF0	Solid	Anthracene	84.000	J	43	290	ug/Kg
P3238-07	A4BF0	Solid	Benzo(a)anthracene	180.000	J	47	290	ug/Kg
P3238-07	A4BF0	Solid	Benzo(a)pyrene	160.000	J	55	290	ug/Kg
P3238-07	A4BF0	Solid	Benzo(b)fluoranthene	210.000	J	57	290	ug/Kg
P3238-07	A4BF0	Solid	Benzo(g,h,i)perylene	100.000	J	45	290	ug/Kg
P3238-07	A4BF0	Solid	Benzo(k)fluoranthene	78.000	J	66	290	ug/Kg
P3238-07	A4BF0	Solid	Bis(2-ethylhexyl)phthalate	980.000		170	290	ug/Kg
P3238-07	A4BF0	Solid	Carbazole	59.000	J	48	570	ug/Kg
P3238-07	A4BF0	Solid	Chrysene	200.000	J	54	290	ug/Kg
P3238-07	A4BF0	Solid	Fluoranthene	390.000		93	290	ug/Kg
P3238-07	A4BF0	Solid	Indeno(1,2,3-cd)pyrene	83.000	J	54	290	ug/Kg
P3238-07	A4BF0	Solid	Phenanthrene	410.000		50	290	ug/Kg
P3238-07	A4BF0	Solid	Pyrene	330.000		85	290	ug/Kg
Total Svoc :				3,264.00				
Total Concentration:				5,024.00				
Client ID : A4BF3								
P3238-08	A4BF3	Solid	(DEL) Alkane: Straight-Chain21.2 *	370.000	J			
P3238-08	A4BF3	Solid	(DEL) Alkane: Straight-Chain23.5 *	590.000	J			
P3238-08	A4BF3	Solid	1-Phenoxypropan-2-ol *	260.000	J			
P3238-08	A4BF3	Solid	11H-Benzo[a]fluorene *	180.000	J			
P3238-08	A4BF3	Solid	3-Chloro-2,6-dihydroxy-4-methyl *	260.000	J			

Hit Summary Sheet SW-846

SDG No.: BP072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-08	A4BF3	Solid	4H-Cyclopenta[def]phenanthrene	*	310.000	J		
P3238-08	A4BF3	Solid	9,10-Anthracenedione	*	180.000	J		
P3238-08	A4BF3	Solid	Anthracene, 1-methyl-	*	230.000	J		
P3238-08	A4BF3	Solid	Benzaldehyde, 2,6-dihydroxy-4-m	*	290.000	J		
P3238-08	A4BF3	Solid	Benzoic acid, 2,4-dihydroxy-3,6-d	*	750.000	J		
P3238-08	A4BF3	Solid	n-Hexadecanoic acid	*	620.000	J		
P3238-08	A4BF3	Solid	Octadecanoic acid	*	180.000	J		
P3238-08	A4BF3	Solid	Total Alkanes	*	960.000		52	370 ug/Kg
Total Tics :					5,180.00			
P3238-08	A4BF3	Solid	Acenaphthene		83.000	J	63	370 ug/Kg
P3238-08	A4BF3	Solid	Anthracene		180.000	J	54	370 ug/Kg
P3238-08	A4BF3	Solid	Benzo(a)anthracene		730.000		58	370 ug/Kg
P3238-08	A4BF3	Solid	Benzo(a)pyrene		410.000		69	370 ug/Kg
P3238-08	A4BF3	Solid	Benzo(b)fluoranthene		1,000.000		71	370 ug/Kg
P3238-08	A4BF3	Solid	Benzo(k)fluoranthene		340.000	J	82	370 ug/Kg
P3238-08	A4BF3	Solid	Bis(2-ethylhexyl)phthalate		210.000	J	210	370 ug/Kg
P3238-08	A4BF3	Solid	Carbazole		120.000	J	60	710 ug/Kg
P3238-08	A4BF3	Solid	Chrysene		880.000		67	370 ug/Kg
P3238-08	A4BF3	Solid	Dibenzo(a,h)anthracene		130.000	J	60	370 ug/Kg
P3238-08	A4BF3	Solid	Fluoranthene		1,600.000		120	370 ug/Kg
P3238-08	A4BF3	Solid	Fluorene		86.000	J	54	370 ug/Kg
P3238-08	A4BF3	Solid	Indeno(1,2,3-cd)pyrene		310.000	J	67	370 ug/Kg
P3238-08	A4BF3	Solid	Phenanthrene		1,200.000		63	370 ug/Kg
P3238-08	A4BF3	Solid	Pyrene		1,200.000		110	370 ug/Kg
Total Svoc :					8,479.00			
Total Concentration:					13,659.00			
Client ID : A4BF4								
P3238-09	A4BF4	Solid	(DEL) Alkane: Cyclic21.239	*	170.000	J		
P3238-09	A4BF4	Solid	1-Phenoxypropan-2-ol	*	140.000	J		
P3238-09	A4BF4	Solid	11H-Benzo[a]fluorene	*	120.000	J		
P3238-09	A4BF4	Solid	n-Hexadecanoic acid	*	210.000	J		
P3238-09	A4BF4	Solid	Total Alkanes	*	170.000		33	230 ug/Kg
Total Tics :					810.00			
P3238-09	A4BF4	Solid	Benzo(a)anthracene		220.000	J	37	230 ug/Kg
P3238-09	A4BF4	Solid	Benzo(a)pyrene		130.000	J	43	230 ug/Kg
P3238-09	A4BF4	Solid	Benzo(b)fluoranthene		390.000		45	230 ug/Kg
P3238-09	A4BF4	Solid	Benzo(k)fluoranthene		130.000	J	52	230 ug/Kg
P3238-09	A4BF4	Solid	Chrysene		290.000		42	230 ug/Kg
P3238-09	A4BF4	Solid	Dibenzo(a,h)anthracene		50.000	J	38	230 ug/Kg
P3238-09	A4BF4	Solid	Fluoranthene		470.000		73	230 ug/Kg

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SDG No.: BP072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-09	A4BF4	Solid	Indeno(1,2,3-cd)pyrene	120.000	J	42	230	ug/Kg
P3238-09	A4BF4	Solid	Phenanthrene	200.000	J	39	230	ug/Kg
P3238-09	A4BF4	Solid	Pyrene	310.000		67	230	ug/Kg
Total Svoc :				2,310.00				
Total Concentration:				3,120.00				
Client ID : A4BF6								
P3238-10	A4BF6	Solid	1-Phenoxypropan-2-ol	*	130.000	J		
P3238-10	A4BF6	Solid	11H-Benzo[b]fluorene	*	93.000	J		
P3238-10	A4BF6	Solid	4H-Cyclopenta[def]phenanthrene	*	270.000	J		
P3238-10	A4BF6	Solid	9,10-Anthracenedione	*	130.000	J		
P3238-10	A4BF6	Solid	Anthracene, 2-methyl-	*	99.000	J		
P3238-10	A4BF6	Solid	Cyclopenta(def)phenanthrenone	*	96.000	J		
P3238-10	A4BF6	Solid	Cyclopenta[cd]pyrene	*	140.000	J		
P3238-10	A4BF6	Solid	n-Hexadecanoic acid	*	340.000	J		
P3238-10	A4BF6	Solid	Naphthalene, 2-phenyl-	*	120.000	J		
P3238-10	A4BF6	Solid	Phenanthrene, 2-methyl-	*	130.000	J		
P3238-10	A4BF6	Solid	Triphenylene, 2-methyl-	*	110.000	J		
P3238-10	A4BF6	Solid	Total Alkanes	*	0.000	32	220	ug/Kg
Total Tics :				1,658.00				
P3238-10	A4BF6	Solid	Acenaphthene		80.000	J	38	220 ug/Kg
P3238-10	A4BF6	Solid	Anthracene		200.000	J	33	220 ug/Kg
P3238-10	A4BF6	Solid	Benzo(a)anthracene		620.000		36	220 ug/Kg
P3238-10	A4BF6	Solid	Benzo(a)pyrene		300.000		42	220 ug/Kg
P3238-10	A4BF6	Solid	Benzo(b)fluoranthene		710.000		43	220 ug/Kg
P3238-10	A4BF6	Solid	Benzo(k)fluoranthene		250.000		50	220 ug/Kg
P3238-10	A4BF6	Solid	Carbazole		110.000	J	37	430 ug/Kg
P3238-10	A4BF6	Solid	Chrysene		770.000		41	220 ug/Kg
P3238-10	A4BF6	Solid	Dibenzo(a,h)anthracene		120.000	J	37	220 ug/Kg
P3238-10	A4BF6	Solid	Dibenzofuran		47.000	J	42	220 ug/Kg
P3238-10	A4BF6	Solid	Fluoranthene		1,300.000		71	220 ug/Kg
P3238-10	A4BF6	Solid	Fluorene		83.000	J	33	220 ug/Kg
P3238-10	A4BF6	Solid	Indeno(1,2,3-cd)pyrene		210.000	J	41	220 ug/Kg
P3238-10	A4BF6	Solid	Phenanthrene		1,100.000		38	220 ug/Kg
P3238-10	A4BF6	Solid	Pyrene		880.000		64	220 ug/Kg
Total Svoc :				6,780.00				
Total Concentration:				8,438.00				
Client ID : A4BF7								
P3238-11	A4BF7	Solid	(DEL) Alkane: Cyclic21.215	*	310.000	J		
P3238-11	A4BF7	Solid	(DEL) Alkane: Straight-Chain23.5	*	630.000	J		

Hit Summary Sheet
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SDG No.: BP072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-11	A4BF7	Solid	(E)-Hexadec-9-enoic acid	*	220.000	J		
P3238-11	A4BF7	Solid	1-Phenoxypropan-2-ol	*	220.000	J		
P3238-11	A4BF7	Solid	11H-Benzo[a]fluorene	*	200.000	J		
P3238-11	A4BF7	Solid	4H-Cyclopenta[def]phenanthrene	*	180.000	J		
P3238-11	A4BF7	Solid	6-Phenylbenzocyclohepten-7-one	*	88.000	J		
P3238-11	A4BF7	Solid	9,10-Anthracenedione	*	120.000	J		
P3238-11	A4BF7	Solid	9-Octadecenoic acid (Z)-, methyl	*	93.000	J		
P3238-11	A4BF7	Solid	Benzeneethanol, 4-hydroxy-	*	120.000	J		
P3238-11	A4BF7	Solid	Dotriacontane, 1-iodo-	*	1,900.000	J		
P3238-11	A4BF7	Solid	Ethanol, 2-(2-ethoxyethoxy)-	*	110.000	J		
P3238-11	A4BF7	Solid	Hexadecanoic acid, methyl ester	*	86.000	J		
P3238-11	A4BF7	Solid	n-Hexadecanoic acid	*	710.000	J		
P3238-11	A4BF7	Solid	Octadecanoic acid	*	110.000	J		
P3238-11	A4BF7	Solid	Propylene Glycol	*	98.000	J		
P3238-11	A4BF7	Solid	Pyrene, 1-methyl-	*	84.000	J		
P3238-11	A4BF7	Solid	unknown-01	*	1,000.000	J		
P3238-11	A4BF7	Solid	unknown-02	*	1,500.000	J		
P3238-11	A4BF7	Solid	unknown-03	*	87.000	J		
P3238-11	A4BF7	Solid	Total Alkanes	*	940.000	27	190	ug/Kg
Total Tics :				8,806.00				
P3238-11	A4BF7	Solid	Acenaphthene		110.000	J 33	190	ug/Kg
P3238-11	A4BF7	Solid	Acenaphthylene		62.000	J 37	190	ug/Kg
P3238-11	A4BF7	Solid	Anthracene		230.000	29	190	ug/Kg
P3238-11	A4BF7	Solid	Benzo(a)anthracene		520.000	31	190	ug/Kg
P3238-11	A4BF7	Solid	Benzo(a)pyrene		300.000	37	190	ug/Kg
P3238-11	A4BF7	Solid	Benzo(b)fluoranthene		670.000	38	190	ug/Kg
P3238-11	A4BF7	Solid	Benzo(g,h,i)perylene		49.000	J 30	190	ug/Kg
P3238-11	A4BF7	Solid	Benzo(k)fluoranthene		250.000	43	190	ug/Kg
P3238-11	A4BF7	Solid	Carbazole		130.000	J 32	380	ug/Kg
P3238-11	A4BF7	Solid	Chrysene		570.000	35	190	ug/Kg
P3238-11	A4BF7	Solid	Dibenzo(a,h)anthracene		96.000	J 32	190	ug/Kg
P3238-11	A4BF7	Solid	Dibenzofuran		63.000	J 37	190	ug/Kg
P3238-11	A4BF7	Solid	Fluoranthene		1,100.000	62	190	ug/Kg
P3238-11	A4BF7	Solid	Fluorene		98.000	J 29	190	ug/Kg
P3238-11	A4BF7	Solid	Indeno(1,2,3-cd)pyrene		220.000	35	190	ug/Kg
P3238-11	A4BF7	Solid	Phenanthrene		900.000	33	190	ug/Kg
P3238-11	A4BF7	Solid	Pyrene		760.000	56	190	ug/Kg
Total Svoc :				6,128.00				
Total Concentration:				14,934.00				

Client ID : A4BF8



SDG No.: BP072324

Client:

Client ID :	A4BF9								
P3238-13	A4BF9	Solid	(DEL) Alkane: Cyclic21.227	*	410.000	J			
P3238-13	A4BF9	Solid	1-Phenoxypropan-2-ol	*	300.000	J			
P3238-13	A4BF9	Solid	n-Hexadecanoic acid	*	370.000	J			
P3238-13	A4BF9	Solid	unknown-01	*	730.000	J			
P3238-13	A4BF9	Solid	unknown-02	*	990.000	J			
P3238-13	A4BF9	Solid	Total Alkanes	*	410.000		57	400	ug/Kg
			Total Tics :		3,210.00				
P3238-13	A4BF9	Solid	Anthracene		92.000	J	59	400	ug/Kg
P3238-13	A4BF9	Solid	Benzo(a)anthracene		410.000		64	400	ug/Kg
P3238-13	A4BF9	Solid	Benzo(a)pyrene		260.000	J	75	400	ug/Kg
P3238-13	A4BF9	Solid	Benzo(b)fluoranthene		590.000		78	400	ug/Kg
P3238-13	A4BF9	Solid	Benzo(k)fluoranthene		220.000	J	90	400	ug/Kg
P3238-13	A4BF9	Solid	Bis(2-ethylhexyl)phthalate		260.000	J	230	400	ug/Kg
P3238-13	A4BF9	Solid	Chrysene		490.000		73	400	ug/Kg
P3238-13	A4BF9	Solid	Fluoranthene		840.000		130	400	ug/Kg
P3238-13	A4BF9	Solid	Indeno(1,2,3-cd)pyrene		200.000	J	73	400	ug/Kg
P3238-13	A4BF9	Solid	Phenanthrene		520.000		68	400	ug/Kg
P3238-13	A4BF9	Solid	Pyrene		610.000		120	400	ug/Kg
			Total Svoc :		4,492.00				
			Total Concentration:		7,702.00				

Client ID : A4BG0

Hit Summary Sheet
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SDG No.: BP072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units	
P3238-14	A4BG0	Solid	1-Phenoxypropan-2-ol	*	190.000	J			
P3238-14	A4BG0	Solid	E-15-Heptadecenal	*	190.000	J			
P3238-14	A4BG0	Solid	n-Hexadecanoic acid	*	160.000	J			
P3238-14	A4BG0	Solid	Total Alkanes	*	0.000	42	300	ug/Kg	
Total Tics :				540.00					
P3238-14	A4BG0	Solid	Benzo(a)anthracene		90.000	J	48	300	ug/Kg
P3238-14	A4BG0	Solid	Benzo(a)pyrene		60.000	J	56	300	ug/Kg
P3238-14	A4BG0	Solid	Benzo(b)fluoranthene		130.000	J	58	300	ug/Kg
P3238-14	A4BG0	Solid	Chrysene		110.000	J	55	300	ug/Kg
P3238-14	A4BG0	Solid	Fluoranthene		190.000	J	95	300	ug/Kg
P3238-14	A4BG0	Solid	Phenanthrene		170.000	J	51	300	ug/Kg
P3238-14	A4BG0	Solid	Pyrene		140.000	J	86	300	ug/Kg
Total Svoc :				890.00					
Total Concentration:				1,430.00					
Client ID : A4BZ5									
P3238-15	A4BZ5	Solid	(DEL) Alkane: Straight-Chain22.1	*	560.000	J			
P3238-15	A4BZ5	Solid	(DEL) Alkane: Straight-Chain23.5	*	2,300.000	J			
P3238-15	A4BZ5	Solid	1-Heneicosanol	*	740.000	J			
P3238-15	A4BZ5	Solid	1-Phenoxypropan-2-ol	*	280.000	J			
P3238-15	A4BZ5	Solid	4H-Cyclopenta[def]phenanthrene	*	240.000	J			
P3238-15	A4BZ5	Solid	9,10-Anthracenedione	*	170.000	J			
P3238-15	A4BZ5	Solid	Hexacosanal	*	1,700.000	J			
P3238-15	A4BZ5	Solid	Hexadecane, 1-iodo-	*	1,300.000	J			
P3238-15	A4BZ5	Solid	n-Hexadecanoic acid	*	800.000	J			
P3238-15	A4BZ5	Solid	Nonacosanal	*	510.000	J			
P3238-15	A4BZ5	Solid	Octadecanoic acid	*	220.000	J			
P3238-15	A4BZ5	Solid	Oxirane, hexadecyl-	*	630.000	J			
P3238-15	A4BZ5	Solid	Pentadecafluorooctanoic acid, octi	*	740.000	J			
P3238-15	A4BZ5	Solid	unknown-01	*	330.000	J			
P3238-15	A4BZ5	Solid	unknown-02	*	230.000	J			
P3238-15	A4BZ5	Solid	Total Alkanes	*	2,900.000	54	380	ug/Kg	
Total Tics :				13,650.00					
P3238-15	A4BZ5	Solid	Anthracene		170.000	J	56	380	ug/Kg
P3238-15	A4BZ5	Solid	Benzo(a)anthracene		680.000	61	380	ug/Kg	
P3238-15	A4BZ5	Solid	Benzo(a)pyrene		470.000	72	380	ug/Kg	
P3238-15	A4BZ5	Solid	Benzo(b)fluoranthene		1,100.000	74	380	ug/Kg	
P3238-15	A4BZ5	Solid	Benzo(g,h,i)perylene		86.000	J	59	380	ug/Kg
P3238-15	A4BZ5	Solid	Benzo(k)fluoranthene		390.000	86	380	ug/Kg	
P3238-15	A4BZ5	Solid	Bis(2-ethylhexyl)phthalate		570.000	220	380	ug/Kg	
P3238-15	A4BZ5	Solid	Carbazole		130.000	J	63	740	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-15	A4BZ5	Solid	Chrysene	890.000		70	380	ug/Kg
P3238-15	A4BZ5	Solid	Dibenzo(a,h)anthracene	160.000	J	63	380	ug/Kg
P3238-15	A4BZ5	Solid	Fluoranthene	1,500.000		120	380	ug/Kg
P3238-15	A4BZ5	Solid	Fluorene	81.000	J	56	380	ug/Kg
P3238-15	A4BZ5	Solid	Indeno(1,2,3-cd)pyrene	380.000		70	380	ug/Kg
P3238-15	A4BZ5	Solid	Phenanthrene	850.000		65	380	ug/Kg
P3238-15	A4BZ5	Solid	Pyrene	1,100.000		110	380	ug/Kg
Total Svoc :				8,557.00				
Total Concentration:				22,207.00				

Client ID : A4BZ6

P3238-16	A4BZ6	Solid	(DEL) Alkane: Cyclic21.210	*	280.000	J		
P3238-16	A4BZ6	Solid	1-Phenoxypropan-2-ol	*	250.000	J		
P3238-16	A4BZ6	Solid	11H-Benzo[b]fluorene	*	150.000	J		
P3238-16	A4BZ6	Solid	4H-Cyclopenta[def]phenanthrene	*	290.000	J		
P3238-16	A4BZ6	Solid	9,10-Anthracenedione	*	170.000	J		
P3238-16	A4BZ6	Solid	n-Hexadecanoic acid	*	290.000	J		
P3238-16	A4BZ6	Solid	Phenanthrene, 1-methyl-	*	180.000	J		
P3238-16	A4BZ6	Solid	unknown-01	*	390.000	J		
P3238-16	A4BZ6	Solid	unknown-02	*	120.000	J		
P3238-16	A4BZ6	Solid	Total Alkanes	*	280.000		44	310 ug/Kg
Total Tics :				2,400.00				
P3238-16	A4BZ6	Solid	Acenaphthene		94.000	J	53	310 ug/Kg
P3238-16	A4BZ6	Solid	Anthracene		230.000	J	46	310 ug/Kg
P3238-16	A4BZ6	Solid	Benzo(a)anthracene		780.000		49	310 ug/Kg
P3238-16	A4BZ6	Solid	Benzo(a)pyrene		500.000		59	310 ug/Kg
P3238-16	A4BZ6	Solid	Benzo(b)fluoranthene		1,100.000		60	310 ug/Kg
P3238-16	A4BZ6	Solid	Benzo(g,h,i)perylene		84.000	J	48	310 ug/Kg
P3238-16	A4BZ6	Solid	Benzo(k)fluoranthene		470.000		69	310 ug/Kg
P3238-16	A4BZ6	Solid	Bis(2-ethylhexyl)phthalate		300.000	J	180	310 ug/Kg
P3238-16	A4BZ6	Solid	Carbazole		150.000	J	51	600 ug/Kg
P3238-16	A4BZ6	Solid	Chrysene		960.000		57	310 ug/Kg
P3238-16	A4BZ6	Solid	Dibenzo(a,h)anthracene		160.000	J	51	310 ug/Kg
P3238-16	A4BZ6	Solid	Fluoranthene		1,700.000		99	310 ug/Kg
P3238-16	A4BZ6	Solid	Fluorene		99.000	J	46	310 ug/Kg
P3238-16	A4BZ6	Solid	Indeno(1,2,3-cd)pyrene		380.000		57	310 ug/Kg
P3238-16	A4BZ6	Solid	Phenanthrene		1,200.000		53	310 ug/Kg
P3238-16	A4BZ6	Solid	Pyrene		1,200.000		90	310 ug/Kg
Total Svoc :				9,407.00				
Total Concentration:				11,807.00				

Hit Summary Sheet
SW-846

SDG No.: BP072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	A4C04							
P3238-17	A4C04	Solid	1,1-Biphenyl, 2,4,4-trichloro-	*	160.000	J		
P3238-17	A4C04	Solid	1,1-Biphenyl, 2,6-dichloro-	*	120.000	J		
P3238-17	A4C04	Solid	1-Phenoxypropan-2-ol	*	160.000	J		
P3238-17	A4C04	Solid	11H-Benzo[a]fluorene	*	150.000	J		
P3238-17	A4C04	Solid	11H-Benzo[b]fluorene	*	360.000	J		
P3238-17	A4C04	Solid	1H-Cyclopropa[1]phenanthrene, 1a	*	260.000	J		
P3238-17	A4C04	Solid	4H-Cyclopenta[def]phenanthrene	*	1,100.000	J		
P3238-17	A4C04	Solid	9,10-Anthracenedione	*	610.000	J		
P3238-17	A4C04	Solid	9,10-Anthracenedione, 1,4,4a,9a-t	*	110.000	J		
P3238-17	A4C04	Solid	9H-Fluorene-9-one	*	150.000	J		
P3238-17	A4C04	Solid	9H-Fluorene, 9-methyl-	*	110.000	J		
P3238-17	A4C04	Solid	Anthracene, 1,2,3,4-tetrahydro-	*	110.000	J		
P3238-17	A4C04	Solid	Anthracene, 1-methyl-	*	390.000	J		
P3238-17	A4C04	Solid	Benzo[b]naphtho[2,3-d]thiophene	*	170.000	J		
P3238-17	A4C04	Solid	Cyclopenta(cd)pyrene, 3,4-dihydr	*	130.000	J		
P3238-17	A4C04	Solid	Dibenzothiophene	*	240.000	J		
P3238-17	A4C04	Solid	Fluoranthene, 2-methyl-	*	160.000	J		
P3238-17	A4C04	Solid	Naphthalene, 2-phenyl-	*	350.000	J		
P3238-17	A4C04	Solid	Octadecanoic acid	*	130.000	J		
P3238-17	A4C04	Solid	Phenanthrene, 1-methyl-	*	1,100.000	J		
P3238-17	A4C04	Solid	Phenanthrene, 2,5-dimethyl-	*	270.000	J		
P3238-17	A4C04	Solid	Phenanthrene, 2-methyl-	*	440.000	J		
P3238-17	A4C04	Solid	unknown-01	*	720.000	J		
P3238-17	A4C04	Solid	unknown-02	*	320.000	J		
P3238-17	A4C04	Solid	unknown-03	*	160.000	J		
P3238-17	A4C04	Solid	Total Alkanes	*	0.000	40	280	ug/Kg
			Total Tics :		7,980.00			
P3238-17	A4C04	Solid	1-Methylnaphthalene		77.000	J	55	280 ug/Kg
P3238-17	A4C04	Solid	2-Methylnaphthalene		94.000	J	38	280 ug/Kg
P3238-17	A4C04	Solid	Acenaphthene		370.000		48	280 ug/Kg
P3238-17	A4C04	Solid	Acenaphthylene		74.000	J	53	280 ug/Kg
P3238-17	A4C04	Solid	Anthracene		890.000		42	280 ug/Kg
P3238-17	A4C04	Solid	Benzo(a)anthracene		2,200.000		45	280 ug/Kg
P3238-17	A4C04	Solid	Benzo(a)pyrene		1,300.000		53	280 ug/Kg
P3238-17	A4C04	Solid	Benzo(b)fluoranthene		2,500.000		55	280 ug/Kg
P3238-17	A4C04	Solid	Benzo(g,h,i)perylene		160.000	J	43	280 ug/Kg
P3238-17	A4C04	Solid	Benzo(k)fluoranthene		1,000.000		63	280 ug/Kg
P3238-17	A4C04	Solid	Bis(2-ethylhexyl)phthalate		610.000		160	280 ug/Kg
P3238-17	A4C04	Solid	Carbazole		580.000		47	550 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP072324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3238-17	A4C04	Solid	Chrysene	2,500.000		51	280	ug/Kg
P3238-17	A4C04	Solid	Dibenzo(a,h)anthracene	350.000		47	280	ug/Kg
P3238-17	A4C04	Solid	Dibenzofuran	240.000	J	53	280	ug/Kg
P3238-17	A4C04	Solid	Fluoranthene	4,500.000	E	90	280	ug/Kg
P3238-17	A4C04	Solid	Fluorene	440.000		42	280	ug/Kg
P3238-17	A4C04	Solid	Indeno(1,2,3-cd)pyrene	820.000		51	280	ug/Kg
P3238-17	A4C04	Solid	Naphthalene	170.000	J	42	280	ug/Kg
P3238-17	A4C04	Solid	Phenanthrene	4,400.000		48	280	ug/Kg
P3238-17	A4C04	Solid	Pyrene	3,400.000		81	280	ug/Kg

Total Svoc : 26,675.00

Total Concentration: 34,655.00

Client ID : A4CG8

P3238-18	A4CG8	Solid	(DEL) Alkane: Straight-Chain21.2 *	280.000	J			
P3238-18	A4CG8	Solid	1-Phenoxypropan-2-ol *	120.000	J			
P3238-18	A4CG8	Solid	2-Cyclohexen-1-ol *	110.000	J			
P3238-18	A4CG8	Solid	Benzaldehyde, 2-hydroxy- *	130.000	J			
P3238-18	A4CG8	Solid	Cyclohexanone, 2-hydroxy- *	130.000	J			
P3238-18	A4CG8	Solid	n-Hexadecanoic acid *	300.000	J			
P3238-18	A4CG8	Solid	Proline, 3,4-didehydro- *	130.000	J			
P3238-18	A4CG8	Solid	unknown-01 *	390.000	J			
P3238-18	A4CG8	Solid	Total Alkanes *	280.000		34	240	ug/Kg

Total Tics : 1,870.00

P3238-18	A4CG8	Solid	Anthracene	54.000	J	35	240	ug/Kg
P3238-18	A4CG8	Solid	Benzo(a)anthracene	250.000		38	240	ug/Kg
P3238-18	A4CG8	Solid	Benzo(a)pyrene	150.000	J	45	240	ug/Kg
P3238-18	A4CG8	Solid	Benzo(b)fluoranthene	330.000		47	240	ug/Kg
P3238-18	A4CG8	Solid	Benzo(k)fluoranthene	120.000	J	54	240	ug/Kg
P3238-18	A4CG8	Solid	Chrysene	260.000		44	240	ug/Kg
P3238-18	A4CG8	Solid	Fluoranthene	450.000		76	240	ug/Kg
P3238-18	A4CG8	Solid	Indeno(1,2,3-cd)pyrene	100.000	J	44	240	ug/Kg
P3238-18	A4CG8	Solid	Phenanthrene	300.000		41	240	ug/Kg
P3238-18	A4CG8	Solid	Pyrene	330.000		69	240	ug/Kg

Total Svoc : 2,344.00

Total Concentration: 4,214.00

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG No.: BP071024

Instrument ID: _____ Calibration Date(s): 7/10/2024 : _____

Calibration Time(s): 14:29 _____

LAB FILE ID:	RRFAL1 = BP020880.D			RRFAL2 = BP020881.D		RRFAL3 = BP020882.D		
	RRFAL4 = BP020883.D			RRFAL5 = BP020884.D		RRFAL6 = BP020885.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.500	0.477	0.493	0.469	0.478		0.483	2.6
Benzaldehyde		0.847	1.009	0.945	0.726	0.585	0.822	20.7
Pyridine		1.300	1.318	1.320	1.306	1.318	1.312	0.7
Hexachloroethane	0.617	0.613	0.611	0.606	0.578		0.605	2.6
Nitrobenzene	0.357	0.380	0.374	0.382	0.368		0.372	2.7
Isophorone	0.752	0.758	0.729	0.766	0.694		0.740	3.9
2-Nitrophenol	0.170	0.183	0.186	0.199	0.190		0.185	5.7
2,4-Dimethylphenol	0.364	0.368	0.366	0.377	0.353		0.366	2.3
Bis(2-Chloroethoxy)methane	0.458	0.461	0.447	0.460	0.422		0.450	3.6
2,4-Dichlorophenol	0.310	0.317	0.316	0.329	0.312		0.317	2.4
Naphthalene	1.093	1.092	1.032	1.047	0.997		1.052	3.9
4-Chloroaniline		0.414	0.407	0.434	0.392	0.387	0.407	4.6
Hexachlorobutadiene	0.243	0.243	0.234	0.237	0.230		0.238	2.4
Phenol		1.616	1.632	1.693	1.632	1.676	1.650	2.0
Caprolactam		0.093	0.096	0.110	0.091	0.098	0.098	7.8
4-Chloro-3-methylphenol	0.333	0.346	0.345	0.369	0.329		0.344	4.4
1-Methylnaphthalene	0.762	0.753	0.750	0.761	0.686		0.743	4.3
2-Methylnaphthalene	0.750	0.745	0.706	0.735	0.675		0.722	4.4
Hexachlorocyclopentadiene		0.236	0.297	0.360	0.394	0.412	0.340	21.4
2,4,6-Trichlorophenol	0.405	0.397	0.406	0.430	0.415		0.410	3.1
2,4,5-Trichlorophenol	0.431	0.416	0.420	0.464	0.439		0.434	4.4
1,1-Biphenyl	1.476	1.493	1.451	1.469	1.419		1.462	1.9
2-Chloronaphthalene	1.207	1.202	1.144	1.165	1.117		1.167	3.3
2-Nitroaniline	0.293	0.311	0.327	0.358	0.324		0.323	7.4
Bis(2-Chloroethyl)ether		1.361	1.406	1.399	1.327	1.323	1.363	2.9
Dimethylphthalate	1.552	1.487	1.457	1.533	1.349		1.475	5.4
2,6-Dinitrotoluene	0.285	0.281	0.288	0.329	0.291		0.295	6.5
Acenaphthylene	1.882	1.887	1.836	1.900	1.736		1.848	3.6
3-Nitroaniline		0.238	0.265	0.295	0.242	0.243	0.257	9.4
Acenaphthene	1.275	1.267	1.203	1.245	1.145		1.227	4.4
2,4-Dinitrophenol		0.099	0.134	0.185	0.165	0.192	0.155	24.7
4-Nitrophenol		0.135	0.159	0.197	0.171	0.179	0.168	13.8
Dibenzofuran	1.800	1.732	1.645	1.702	1.521		1.680	6.3
2,4-Dinitrotoluene	0.388	0.391	0.406	0.456	0.382		0.405	7.4
Diethylphthalate	1.569	1.497	1.442	1.542	1.321		1.474	6.7
2-Chlorophenol	1.321	1.332	1.374	1.376	1.329		1.346	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.: BP071024 SAS No.: BP071024 SDG No.: BP071024

Instrument ID: _____ Calibration Date(s): 7/10/2024 : _____

Calibration Time(s): 14:29 _____

LAB FILE ID:		RRFAL1 = BP020880.D		RRFAL2 = BP020881.D		RRFAL3 = BP020882.D		
		RRFAL4 = BP020883.D		RRFAL5 = BP020884.D		RRFAL6 = BP020885.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.508	1.398	1.335	1.404	1.210		1.371	8.0
4-Chlorophenyl-phenylether	0.815	0.759	0.729	0.757	0.658		0.744	7.7
4-Nitroaniline		0.198	0.217	0.266	0.195	0.186	0.213	15.0
4,6-Dinitro-2-methylphenol		0.110	0.122	0.140	0.135	0.135	0.128	9.3
N-Nitrosodiphenylamine	0.587	0.604	0.580	0.573	0.569		0.582	2.3
1,2,4,5-Tetrachlorobenzene	0.640	0.656	0.641	0.658	0.653		0.650	1.3
4-Bromophenyl-phenylether	0.228	0.241	0.231	0.234	0.237		0.234	2.2
Hexachlorobenzene	0.271	0.275	0.261	0.272	0.265		0.269	2.1
Atrazine		0.212	0.213	0.226	0.207	0.204	0.212	3.9
Pentachlorophenol		0.125	0.138	0.157	0.151	0.159	0.146	9.9
2-Methylphenol		1.224	1.294	1.335	1.250	1.276	1.276	3.3
Phenanthrene	1.089	1.071	1.017	1.022	0.988		1.038	4.0
Pentachlorobenzene	0.308	0.330	0.318	0.307	0.327		0.318	3.4
Anthracene	1.102	1.109	1.028	1.057	0.992		1.058	4.7
1,2,3,4-Tetrachlorobenzene	0.304	0.327	0.315	0.310	0.345		0.320	5.1
Carbazole		0.894	0.861	0.916	0.855	0.797	0.865	5.2
Di-n-butylphthalate	1.235	1.205	1.170	1.238	1.117		1.193	4.2
Fluoranthene	1.557	1.502	1.480	1.601	1.325		1.493	7.1
Pyrene	1.605	1.556	1.497	1.604	1.335		1.520	7.4
Butylbenzylphthalate	0.665	0.634	0.621	0.669	0.576		0.633	5.9
3,3-Dichlorobenzidine		0.468	0.471	0.472	0.449	0.426	0.457	4.4
2,2-oxybis (1-Chloropropane)		2.016	2.067	2.050	1.884	1.829	1.969	5.4
Benzo (a) anthracene	1.441	1.416	1.378	1.412	1.358		1.401	2.3
Chrysene	1.339	1.335	1.269	1.313	1.253		1.302	3.0
Bis (2-ethylhexyl) phthalate	0.967	0.930	0.898	0.938	0.823		0.911	6.0
Di-n-octyl phthalate		1.348	1.348	1.516	1.232	1.162	1.321	10.2
Benzo (b) fluoranthene	1.271	1.193	1.183	1.247	1.174		1.214	3.5
Benzo (k) fluoranthene	1.255	1.226	1.152	1.256	1.167		1.211	4.0
Benzo (a) pyrene	1.166	1.140	1.128	1.184	1.116		1.147	2.4
Indeno (1,2,3-cd) pyrene	1.500	1.496	1.457	1.458	1.478		1.478	1.4
Dibenzo (a,h) anthracene	1.221	1.244	1.213	1.208	1.233		1.224	1.2
Benzo (g,h,i) perylene	1.219	1.219	1.197	1.181	1.202		1.204	1.3
Acetophenone		2.117	2.175	2.228	1.987	1.944	2.090	5.8
2,3,4,6-Tetrachlorophenol	0.370	0.366	0.364	0.407	0.352		0.372	5.6
1,4-Dioxane-d8	0.427	0.456	0.458	0.425	0.432		0.440	3.7
Pyridine-d5		1.210	1.285	1.299	1.275	1.293	1.272	2.8

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP071024 SAS No.: BP071024 SDG No.: BP071024
Instrument ID: _____ Calibration Date(s): 7/10/2024 : _____
Calibration Time(s): 14:29 _____

LAB FILE ID:		RRFAL1 = BP020880.D			RRFAL2 = BP020881.D		RRFAL3 = BP020882.D	
		RRFAL4 = BP020883.D			RRFAL5 = BP020884.D		RRFAL6 = BP020885.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.531	1.623	1.673	1.638	1.688	1.631	3.8
Bis-(2-Chloroethyl)ether-d8		0.969	1.031	1.024	0.955	0.962	0.988	3.7
2-Chlorophenol-d4	1.276	1.309	1.395	1.393	1.344		1.343	3.9
4-Methylphenol-d8		1.282	1.386	1.436	1.318	1.349	1.354	4.4
Nitrobenzene-d5	0.143	0.153	0.157	0.164	0.160		0.155	5.2
2-Nitrophenol-d4	0.162	0.173	0.178	0.191	0.185		0.178	6.2
2,4-Dichlorophenol-d3	0.306	0.317	0.322	0.341	0.322		0.322	4.0
4-Chloroaniline-d4		0.423	0.426	0.459	0.411	0.410	0.426	4.6
4-Methylphenol		1.341	1.385	1.444	1.329	1.337	1.367	3.5
Dimethylphthalate-d6	1.503	1.458	1.441	1.522	1.346		1.454	4.7
Acenaphthylene-d8	1.631	1.639	1.627	1.701	1.564		1.633	3.0
4-Nitrophenol-d4		0.163	0.196	0.241	0.209	0.225	0.207	14.4
Fluorene-d10	1.223	1.198	1.194	1.249	1.100		1.193	4.7
4,6-Dinitro-2-methylphenol-		0.099	0.115	0.132	0.127	0.132	0.121	11.7
Anthracene-d10	0.893	0.920	0.869	0.896	0.864		0.888	2.5
Pyrene-d10	1.260	1.252	1.230	1.337	1.104		1.236	6.8
Benzo(a)pyrene-d12	0.985	0.969	0.972	1.022	0.985		0.986	2.1
N-Nitroso-di-n-propylamine	1.116	1.105	1.119	1.137	0.999		1.095	5.0

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.: BP072324 SAS No.: BP072324 SDG NO.: BP072324

EPA Sample No.: SSTD020646 Date Analyzed: Jul 23 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 12:56

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

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	204038	7.722	896738	10.49	595801	14.36
	UPPER LIMIT	408076	8.222	1793476	10.993	1191602	14.863
	LOWER LIMIT	102019	7.222	448369	9.993	297900.5	13.863
	EPA SAMPLE NO.						
01	SBLK905	130965	7.67	522287	10.44	345620	14.31
02	A4CG8	193810	7.67	773065	10.43	511316	14.31
03	A4BF3	143242	7.67	590426	10.43	384906	14.30
04	A4BF4	150075	7.66	612816	10.43	400352	14.32
05	A4BF6	158556	7.67	643263	10.44	428071	14.30
06	A4BF8	154737	7.66	615898	10.43	394758	14.31
07	A4BF9	174391	7.66	713220	10.44	467125	14.32
08	A4BG0	149953	7.66	607771	10.43	399416	14.32
09	SBLK098	150446	7.66	599755	10.44	391044	14.30
10	A4BE6	204843	7.66	834293	10.43	542282	14.30
11	A4BE6MS	192187	7.66	772966	10.44	512318	14.31
12	A4BE6MSD	170019	7.66	687335	10.43	449553	14.30
13	A4BE8	159708	7.66	676237	10.44	459374	14.30
14	A4C04	173197	7.66	699000	10.43	468444	14.30
15	A4BF7	157932	7.66	656671	10.43	446818	14.30
16	A4D31	197404	7.66	816245	10.43	561489	14.30
17	A4CJ7	171829	7.66	706307	10.43	468297	14.30
18	A4BE9	156407	7.66	648034	10.43	434413	14.30
19	A4BE7	180342	7.67	748874	10.43	500162	14.30
20	A4BF0	156693	7.66	649723	10.43	445138	14.30
21	A4BZ6	172836	7.66	714751	10.43	485659	14.31
22	A4BZ5	149913	7.66	624809	10.43	430070	14.30



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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP072324 SAS No.: BP072324 SDG NO.: BP072324

EPA Sample No.: SSTD020646 Date Analyzed: Jul 24 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 04:43

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	204038	7.722	896738	10.49	595801	14.36
UPPER LIMIT	408076	8.222	1793476	10.993	1191602	14.863
LOWER LIMIT	102019	7.222	448369	9.993	297900.5	13.863
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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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP072324 SAS No.: BP072324 SDG NO.: BP072324

EPA Sample No.: SSTD020699 Date Analyzed: Jul 23 2024 12:00AM

Lab File ID: BP021095.D Time Analyzed: 12:56

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	146441	7.669	586539	10.45	385685	14.32
UPPER LIMIT	292882	8.169	1173078	10.946	771370	14.822
LOWER LIMIT	73220.5	7.169	293269.5	9.946	192842.5	13.822
EPA SAMPLE NO.						
01 SBLK905	130965	7.67	522287	10.44	345620	14.31
02 A4CG8	193810	7.67	773065	10.43	511316	14.31
03 A4BF3	143242	7.67	590426	10.43	384906	14.30
04 A4BF4	150075	7.66	612816	10.43	400352	14.32
05 A4BF6	158556	7.67	643263	10.44	428071	14.30
06 A4BF8	154737	7.66	615898	10.43	394758	14.31
07 A4BF9	174391	7.66	713220	10.44	467125	14.32
08 A4BG0	149953	7.66	607771	10.43	399416	14.32

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.: BP072324 SAS No.: BP072324 SDG NO.: BP072324

EPA Sample No.: SSTD020700 Date Analyzed: Jul 23 2024 12:00AM

Lab File ID: BP021104.D Time Analyzed: 19:22

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	167012	7.658	670656	10.44	427760	14.31
UPPER LIMIT	334024	8.158	1341312	10.94	855520	14.81
LOWER LIMIT	83506	7.158	335328	9.94	213880	13.81
EPA SAMPLE NO.						
01 SBLK098	150446	7.66	599755	10.44	391044	14.30
02 A4BE6	204843	7.66	834293	10.43	542282	14.30
03 A4BE6MS	192187	7.66	772966	10.44	512318	14.31
04 A4BE6MSD	170019	7.66	687335	10.43	449553	14.30
05 A4BE8	159708	7.66	676237	10.44	459374	14.30
06 A4C04	173197	7.66	699000	10.43	468444	14.30
07 A4BF7	157932	7.66	656671	10.43	446818	14.30
08 A4D31	197404	7.66	816245	10.43	561489	14.30
09 A4CJ7	171829	7.66	706307	10.43	468297	14.30
10 A4BE9	156407	7.66	648034	10.43	434413	14.30
11 A4BE7	180342	7.67	748874	10.43	500162	14.30
12 A4BF0	156693	7.66	649723	10.43	445138	14.30
13 A4BZ6	172836	7.66	714751	10.43	485659	14.31
14 A4BZ5	149913	7.66	624809	10.43	430070	14.30

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.: BP072324 SAS No.: BP072324 SDG NO.: BP072324

EPA Sample No.: SSTD020646 Date Analyzed: Jul 23 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 12:56

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.18434e+0	17.181	877418	21.621	997746	24.986
	UPPER LIMIT	2368680	17.681	1754836	22.121	1995492	25.486
	LOWER LIMIT	592170	16.681	438709	21.121	498873	24.486
	EPA SAMPLE NO.						
01	SBLK905	748010	17.13	788721	21.59	968578	24.93
02	A4CG8	1.11833	17.13	1.13735e+	21.58	1.36938e+	24.90
03	A4BF3	849625	17.13	852909	21.57	1.04017e+	24.91
04	A4BF4	879377	17.13	886871	21.59	1.08891e+	24.90
05	A4BF6	936734	17.12	913775	21.57	1.12938e+	24.91
06	A4BF8	881156	17.12	914327	21.58	1.09304e+	24.90
07	A4BF9	1.01393	17.13	1.03054e+	21.58	1.2811e+0	24.91
08	A4BG0	864770	17.12	918192	21.58	1.10391e+	24.89
09	SBLK098	864840	17.13	895672	21.56	1.09079e+	24.88
10	A4BE6	1.18611	17.12	1.12226e+	21.57	1.45998e+	24.89
11	A4BE6MS	1.11112	17.13	1.08117e+	21.58	1.41023e+	24.91
12	A4BE6MSD	952639	17.13	885403	21.57	1.14879e+	24.90
13	A4BE8	965445	17.12	858841	21.57	1.05586e+	24.89
14	A4C04	1.00365	17.12	956430	21.57	1.18835e+	24.90
15	A4BF7	1.0046e	17.11	983258	21.56	1.18335e+	24.89
16	A4D31	1.21099	17.12	1.12957e+	21.57	1.38715e+	24.91
17	A4CJ7	1.05276	17.12	987029	21.56	1.1807e+0	24.87
18	A4BE9	973053	17.12	938059	21.57	1.11315e+	24.89
19	A4BE7	1.10311	17.12	1.02429e+	21.56	1.23886e+	24.89
20	A4BF0	985945	17.13	934177	21.56	1.15904e+	24.89
21	A4BZ6	1.06681	17.13	1.01236e+	21.56	1.19345e+	24.87

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP072324 SAS No.: BP072324 SDG NO.: BP072324

EPA Sample No.: SSTD020646 Date Analyzed: Jul 24 2024 12:00AM

Lab File ID: BP020882.D Time Analyzed: 04:43

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.18434e+04	17.181	877418	21.621	997746	24.986
UPPER LIMIT	2368680	17.681	1754836	22.121	1995492	25.486
LOWER LIMIT	592170	16.681	438709	21.121	498873	24.486
EPA SAMPLE NO.						
22 A4BZ5	991441	17.12	950015	21.56	1.14435e+	24.88

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.: BP072324 SAS No.: BP072324 SDG NO.: BP072324

EPA Sample No.: SSTD020699 Date Analyzed: Jul 23 2024 12:00AM

Lab File ID: BP021095.D Time Analyzed: 12:56

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	830827	17.134	864529	21.598	1.09577e+01	24.939
UPPER LIMIT	1661654	17.634	1729058	22.098	2191540	25.439
LOWER LIMIT	415413.5	16.634	432264.5	21.098	547885	24.439
EPA SAMPLE NO.						
01 SBLK905	748010	17.13	788721	21.59	968578	24.93
02 A4CG8	1.11833	17.13	1.13735e+	21.58	1.36938e+	24.90
03 A4BF3	849625	17.13	852909	21.57	1.04017e+	24.91
04 A4BF4	879377	17.13	886871	21.59	1.08891e+	24.90
05 A4BF6	936734	17.12	913775	21.57	1.12938e+	24.91
06 A4BF8	881156	17.12	914327	21.58	1.09304e+	24.90
07 A4BF9	1.01393	17.13	1.03054e+	21.58	1.2811e+0	24.91
08 A4BG0	864770	17.12	918192	21.58	1.10391e+	24.89

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.: BP072324 SAS No.: BP072324 SDG NO.: BP072324

EPA Sample No.: SSTD020700 Date Analyzed: Jul 23 2024 12:00AM

Lab File ID: BP021104.D Time Analyzed: 19:22

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	925175	17.128	993067	21.575	1.2382e+00	24.898
UPPER LIMIT	1850350	17.628	1986134	22.075	2476400	25.398
LOWER LIMIT	462587.5	16.628	496533.5	21.075	619100	24.398
EPA SAMPLE NO.						
01 SBLK098	864840	17.13	895672	21.56	1.09079e+	24.88
02 A4BE6	1.18611	17.12	1.12226e+	21.57	1.45998e+	24.89
03 A4BE6MS	1.11112	17.13	1.08117e+	21.58	1.41023e+	24.91
04 A4BE6MSD	952639	17.13	885403	21.57	1.14879e+	24.90
05 A4BE8	965445	17.12	858841	21.57	1.05586e+	24.89
06 A4C04	1.00365	17.12	956430	21.57	1.18835e+	24.90
07 A4BF7	1.0046e	17.11	983258	21.56	1.18335e+	24.89
08 A4D31	1.21099	17.12	1.12957e+	21.57	1.38715e+	24.91
09 A4CJ7	1.05276	17.12	987029	21.56	1.1807e+0	24.87
10 A4BE9	973053	17.12	938059	21.57	1.11315e+	24.89
11 A4BE7	1.10311	17.12	1.02429e+	21.56	1.23886e+	24.89
12 A4BF0	985945	17.13	934177	21.56	1.15904e+	24.89
13 A4BZ6	1.06681	17.13	1.01236e+	21.56	1.19345e+	24.87
14 A4BZ5	991441	17.12	950015	21.56	1.14435e+	24.88

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK905

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP072324

SAS No.: BP072324 SDG NO.: BP072324

Lab File ID: BP021096.D

Lab Sample ID: PB161905BL

Instrument ID: BNA_P

Date Extracted: 07/01/2024

Matrix: (soil/water) Water

Date Analyzed: 07/23/2024

Level: (low/med) LOW

Time Analyzed: 12:56

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

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

COMMENTS:



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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4D31

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP072324

SAS No.: BP072324 SDG NO.: BP072324

Lab File ID: BP021112.D

Lab Sample ID: P3215-14

Instrument ID: BNA_P

Date Extracted: 07/15/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/24/2024

Level: (low/med) LOW

Time Analyzed: 00:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4D31	P3215-14	BP021112.D	07/24/2024
A4CJ7	P3215-22	BP021113.D	07/24/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A4BE9

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP072324

SAS No.: BP072324 SDG NO.: BP072324

Lab File ID: BP021114.D

Lab Sample ID: P3238-06

Instrument ID: BNA_P

Date Extracted: 07/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/24/2024

Level: (low/med) LOW

Time Analyzed: 01:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4BE9	P3238-06	BP021114.D	07/24/2024
A4BE7	P3238-04	BP021115.D	07/24/2024
A4BF0	P3238-07	BP021116.D	07/24/2024
A4BZ6	P3238-16	BP021117.D	07/24/2024
A4BZ5	P3238-15	BP021118.D	07/24/2024
A4BE6	P3238-01	BP021106.D	07/23/2024
A4BE6MS	P3238-02MS	BP021107.D	07/23/2024
A4BE6MSD	P3238-03MSD	BP021108.D	07/23/2024
A4BE8	P3238-05	BP021109.D	07/23/2024
A4C04	P3238-17	BP021110.D	07/23/2024
A4BF7	P3238-11	BP021111.D	07/23/2024
A4CG8	P3238-18	BP021097.D	07/23/2024
A4BF3	P3238-08	BP021098.D	07/23/2024
A4BF4	P3238-09	BP021099.D	07/23/2024
A4BF6	P3238-10	BP021100.D	07/23/2024
A4BF8	P3238-12	BP021101.D	07/23/2024
A4BF9	P3238-13	BP021102.D	07/23/2024
A4BG0	P3238-14	BP021103.D	07/23/2024

COMMENTS: _____



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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK098

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP072324

SAS No.: BP072324 SDG NO.: BP072324

Lab File ID: BP021105.D

Lab Sample ID: PB162098BL

Instrument ID: BNA_P

Date Extracted: 07/16/2024

Matrix: (soil/water) Solid

Date Analyzed: 07/23/2024

Level: (low/med) LOW

Time Analyzed: 19:22

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

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

COMMENTS:

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP072324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3238-02MS	Client Sample ID:	A4BE6MS				DataFile:	BP021107.D			
1,4-Dioxane	670		360	ug/Kg	54				15	120	
Benzaldehyde	1700		1100	ug/Kg	65				0	0	
Pyridine	1700		590	ug/Kg	35				0	0	
Phenol	1700		1100	ug/Kg	65				26	90	
Bis(2-chloroethyl)ether	1700		990	ug/Kg	58				0	0	
2-Chlorophenol	1700		1100	ug/Kg	65				25	102	
2-Methylphenol	1700		1100	ug/Kg	65				0	0	
2,2-oxybis(1-Chloropropane)	1700		950	ug/Kg	56				0	0	
Acetophenone	1700	50	1100	ug/Kg	62				0	0	
4-Methylphenol	1700		1100	ug/Kg	65				0	0	
N-Nitroso-di-n-propylamine	1700		970	ug/Kg	57				41	126	
Hexachloroethane	1700		740	ug/Kg	44				0	0	
Nitrobenzene	1700		1100	ug/Kg	65				0	0	
Isophorone	1700		1000	ug/Kg	59				0	0	
2-Nitrophenol	1700		1200	ug/Kg	71				0	0	
2,4-Dimethylphenol	1700		1000	ug/Kg	59				0	0	
Bis(2-chloroethoxy)methane	1700		990	ug/Kg	58				0	0	
2,4-Dichlorophenol	1700		1200	ug/Kg	71				0	0	
Naphthalene	1700	400	1400	ug/Kg	59				0	0	
4-Chloroaniline	1700		610	ug/Kg	36				0	0	
Hexachlorobutadiene	1700		1100	ug/Kg	65				0	0	
Caprolactam	1700		1300	ug/Kg	76				0	0	
4-Chloro-3-methylphenol	1700		1200	ug/Kg	71				26	103	
1-Methylnaphthalene	1700	180	1200	ug/Kg	60				0	0	
2-Methylnaphthalene	1700	220	1300	ug/Kg	64				0	0	
Hexachlorocyclopentadiene	1700		200	ug/Kg	12				0	0	
2,4,6-Trichlorophenol	1700		1200	ug/Kg	71				0	0	
2,4,5-Trichlorophenol	1700		1200	ug/Kg	71				0	0	
1,1'-Biphenyl	1700	59	1200	ug/Kg	67				0	0	
2-Chloronaphthalene	1700		1100	ug/Kg	65				0	0	
2-Nitroaniline	1700		1300	ug/Kg	76				0	0	
Dimethylphthalate	1700		1100	ug/Kg	65				0	0	
2,6-Dinitrotoluene	1700		1200	ug/Kg	71				0	0	
Acenaphthylene	1700	160	1200	ug/Kg	61				0	0	
3-Nitroaniline	1700		1200	ug/Kg	71				0	0	
Acenaphthene	1700	810	1700	ug/Kg	52				31	137	
2,4-Dinitrophenol	1700		840	ug/Kg	49				0	0	
4-Nitrophenol	1700		1600	ug/Kg	94				11	114	
Dibenzofuran	1700	600	1600	ug/Kg	59				0	0	
2,4-Dinitrotoluene	1700		1300	ug/Kg	76				28	89	
Diethylphthalate	1700		1100	ug/Kg	65				0	0	
Fluorene	1700	900	1800	ug/Kg	53				0	0	
4-Chlorophenyl-phenylether	1700		1100	ug/Kg	65				0	0	
4-Nitroaniline	1700		1600	ug/Kg	94				0	0	
4,6-Dinitro-2-methylphenol	1700		890	ug/Kg	52				0	0	
N-Nitrosodiphenylamine	1700		1100	ug/Kg	65				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP072324

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	1700		1100	ug/Kg	65				0	0	
4-Bromophenyl-phenylether	1700		1100	ug/Kg	65				0	0	
Hexachlorobenzene	1700		890	ug/Kg	52				0	0	
Atrazine	1700		880	ug/Kg	52				0	0	
Pentachlorophenol	1700		1000	ug/Kg	59				17	109	
Phenanthrene	1700	8700	7700	ug/Kg	-59				0	0	
Pentachlorobenzene	1700		990	ug/Kg	58				0	0	
Anthracene	1700	2100	2600	ug/Kg	29				0	0	
1,2,3,4-Tetrachlorobenzene	1700		990	ug/Kg	58				0	0	
Carbazole	1700	1200	2000	ug/Kg	47				0	0	
Di-n-butylphthalate	1700		1100	ug/Kg	65				0	0	
Fluoranthene	1700	8700	7000	ug/Kg	-100				0	0	
Pyrene	1700	6000	5000	ug/Kg	-59	*			35	142	
Butylbenzylphthalate	1700		1100	ug/Kg	65				0	0	
3,3'-Dichlorobenzidine	1700		410	ug/Kg	24				0	0	
Benzo(a)anthracene	1700	4500	4300	ug/Kg	-12				0	0	
Chrysene	1700	4600	4500	ug/Kg	-6				0	0	
Bis(2-ethylhexyl)phthalate	1700	270	1200	ug/Kg	55				0	0	
Di-n-octylphthalate	1700		1000	ug/Kg	59				0	0	
Benzo(b)fluoranthene	1700	5300	4500	ug/Kg	-47				0	0	
Benzo(k)fluoranthene	1700	1400	2500	ug/Kg	65				0	0	
Benzo(a)pyrene	1700	2100	2000	ug/Kg	-6				0	0	
Indeno(1,2,3-cd)pyrene	1700	1400	1900	ug/Kg	29				0	0	
Dibenzo(a,h)anthracene	1700	640	1600	ug/Kg	56				0	0	
Benzo(g,h,i)perylene	1700	250	290	ug/Kg	2				0	0	
2,3,4,6-Tetrachlorophenol	1700		1200	ug/Kg	71				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP072324

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P3238-03MSD	Client Sample ID:	A4BE6MSD					DataFile:	BP021108.D		
1,4-Dioxane	670		390	ug/Kg	58		7		15	120	50
Benzaldehyde	1700		1200	ug/Kg	71		9	*	0	0	0
Pyridine	1700		640	ug/Kg	38		8	*	0	0	0
Phenol	1700		1200	ug/Kg	71		9		26	90	35
Bis(2-chloroethyl)ether	1700		1100	ug/Kg	65		11	*	0	0	0
2-Chlorophenol	1700		1200	ug/Kg	71		9		25	102	50
2-Methylphenol	1700		1200	ug/Kg	71		9	*	0	0	0
2,2-oxybis(1-Chloropropane)	1700		1000	ug/Kg	59		5	*	0	0	0
Acetophenone	1700	50	1200	ug/Kg	68		9	*	0	0	0
4-Methylphenol	1700		1200	ug/Kg	71		9	*	0	0	0
N-Nitroso-di-n-propylamine	1700		1100	ug/Kg	65		13		41	126	38
Hexachloroethane	1700		800	ug/Kg	47		7	*	0	0	0
Nitrobenzene	1700		1200	ug/Kg	71		9	*	0	0	0
Isophorone	1700		1100	ug/Kg	65		10	*	0	0	0
2-Nitrophenol	1700		1200	ug/Kg	71		0		0	0	0
2,4-Dimethylphenol	1700		1100	ug/Kg	65		10	*	0	0	0
Bis(2-chloroethoxy)methane	1700		1100	ug/Kg	65		11	*	0	0	0
2,4-Dichlorophenol	1700		1300	ug/Kg	76		7	*	0	0	0
Naphthalene	1700	400	1500	ug/Kg	65		10	*	0	0	0
4-Chloroaniline	1700		650	ug/Kg	38		5	*	0	0	0
Hexachlorobutadiene	1700		1200	ug/Kg	71		9	*	0	0	0
Caprolactam	1700		1300	ug/Kg	76		0		0	0	0
4-Chloro-3-methylphenol	1700		1300	ug/Kg	76		7		26	103	33
1-Methylnaphthalene	1700	180	1300	ug/Kg	66		10	*	0	0	0
2-Methylnaphthalene	1700	220	1400	ug/Kg	69		8	*	0	0	0
Hexachlorocyclopentadiene	1700		190	ug/Kg	11		9	*	0	0	0
2,4,6-Trichlorophenol	1700		1300	ug/Kg	76		7	*	0	0	0
2,4,5-Trichlorophenol	1700		1300	ug/Kg	76		7	*	0	0	0
1,1'-Biphenyl	1700	59	1300	ug/Kg	73		9	*	0	0	0
2-Chloronaphthalene	1700		1200	ug/Kg	71		9	*	0	0	0
2-Nitroaniline	1700		1300	ug/Kg	76		0		0	0	0
Dimethylphthalate	1700		1200	ug/Kg	71		9	*	0	0	0
2,6-Dinitrotoluene	1700		1300	ug/Kg	76		7	*	0	0	0
Acenaphthylene	1700	160	1300	ug/Kg	67		9	*	0	0	0
3-Nitroaniline	1700		1200	ug/Kg	71		0		0	0	0
Acenaphthene	1700	810	1800	ug/Kg	58		11		31	137	19
2,4-Dinitrophenol	1700		810	ug/Kg	48		2	*	0	0	0
4-Nitrophenol	1700		1600	ug/Kg	94		0		11	114	50
Dibenzofuran	1700	600	1700	ug/Kg	65		10	*	0	0	0
2,4-Dinitrotoluene	1700		1400	ug/Kg	82		8		28	89	47
Diethylphthalate	1700		1200	ug/Kg	71		9	*	0	0	0
Fluorene	1700	900	1900	ug/Kg	59		11	*	0	0	0
4-Chlorophenyl-phenylether	1700		1200	ug/Kg	71		9	*	0	0	0
4-Nitroaniline	1700		1700	ug/Kg	100		6	*	0	0	0
4,6-Dinitro-2-methylphenol	1700		850	ug/Kg	50		4	*	0	0	0
N-Nitrosodiphenylamine	1700		1200	ug/Kg	71		9	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BP072324

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	1700		1200	ug/Kg	71		9	*	0	0	0
4-Bromophenyl-phenylether	1700		1200	ug/Kg	71		9	*	0	0	0
Hexachlorobenzene	1700		970	ug/Kg	57		9	*	0	0	0
Atrazine	1700		970	ug/Kg	57		9	*	0	0	0
Pentachlorophenol	1700		1100	ug/Kg	65		10		17	109	47
Phenanthrene	1700	8700	8300	ug/Kg	-24		84	*	0	0	0
Pentachlorobenzene	1700		1100	ug/Kg	65		11	*	0	0	0
Anthracene	1700	2100	2900	ug/Kg	47		47	*	0	0	0
1,2,3,4-Tetrachlorobenzene	1700		1100	ug/Kg	65		11	*	0	0	0
Carbazole	1700	1200	2200	ug/Kg	59		23	*	0	0	0
Di-n-butylphthalate	1700		1300	ug/Kg	76		16	*	0	0	0
Fluoranthene	1700	8700	8100	ug/Kg	-35		96	*	0	0	0
Pyrene	1700	6000	5600	ug/Kg	-24	*	84	*	35	142	36
Butylbenzylphthalate	1700		1200	ug/Kg	71		9	*	0	0	0
3,3'-Dichlorobenzidine	1700		500	ug/Kg	29		19	*	0	0	0
Benzo(a)anthracene	1700	4500	4900	ug/Kg	24		600	*	0	0	0
Chrysene	1700	4600	4900	ug/Kg	18		400	*	0	0	0
Bis(2-ethylhexyl)phthalate	1700	270	1400	ug/Kg	66		18	*	0	0	0
Di-n-octylphthalate	1700		1100	ug/Kg	65		10	*	0	0	0
Benzo(b)fluoranthene	1700	5300	5200	ug/Kg	-6		155	*	0	0	0
Benzo(k)fluoranthene	1700	1400	2700	ug/Kg	76		16	*	0	0	0
Benzo(a)pyrene	1700	2100	2200	ug/Kg	6				0	0	0
Indeno(1,2,3-cd)pyrene	1700	1400	2100	ug/Kg	41		34	*	0	0	0
Dibenzo(a,h)anthracene	1700	640	1700	ug/Kg	62		10	*	0	0	0
Benzo(g,h,i)perylene	1700	250	320	ug/Kg	4		67	*	0	0	0
2,3,4,6-Tetrachlorophenol	1700		1300	ug/Kg	76		7	*	0	0	0



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SW-846

SDG No.: BP072324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161905BL	PB161905BL	BP021096.D	1,4-Dioxane-d8	8	6.18	77		15	120
			Pyridine-d5	40	27.36	68		20	120
			Phenol-d5	40	28.75	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.32	71		25	120
			2-Chlorophenol-d4	40	29.21	73		20	130
			4-Methylphenol-d8	40	27.62	69		25	125
			Nitrobenzene-d5	40	30.49	76		20	125
			2-Nitrophenol-d4	40	31.14	78		20	130
			2,4-Dichlorophenol-d3	40	28.37	71		20	120
			4-Chloroaniline-d4	40	25.84	65		1	146
			Dimethylphthalate-d6	40	30.90	77		25	130
			Acenaphthylene-d8	40	31.25	78		10	130
			4-Nitrophenol-d4	40	32.52	81		10	150
			Fluorene-d10	40	32.39	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.34	66		10	130
			Anthracene-d10	40	32.68	82		25	130
			Pyrene-d10	40	28.04	70		15	130
			Benzo(a)pyrene-d12	40	31.77	79		20	130

Surrogate Summary

SW-846

SDG No.: BP072324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3215-14	A4D31	BP021112.D	1,4-Dioxane-d8	8	3.31	41		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	23.55	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.55	56		10	150
			2-Chlorophenol-d4	40	23.99	60		15	120
			4-Methylphenol-d8	40	21.40	53		10	140
			Nitrobenzene-d5	40	24.93	62		10	135
			2-Nitrophenol-d4	40	25.53	64		10	120
			2,4-Dichlorophenol-d3	40	25.15	63		10	140
			4-Chloroaniline-d4	40	0.48	1		1	145
			Dimethylphthalate-d6	40	25.15	63		10	145
			Acenaphthylene-d8	40	25.73	64		15	120
			4-Nitrophenol-d4	40	26.39	66		10	150
			Fluorene-d10	40	27.47	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.09	28		10	130
			Anthracene-d10	40	25.25	63		10	150
			Pyrene-d10	40	16.89	42		10	130
			Benzo(a)pyrene-d12	40	11.65	29		10	140
P3215-22	A4CJ7	BP021113.D	1,4-Dioxane-d8	8	3.92	49		15	120
			Pyridine-d5	40	19.96	50		20	120
			Phenol-d5	40	23.42	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.55	54		10	150
			2-Chlorophenol-d4	40	23.36	58		15	120
			4-Methylphenol-d8	40	23.35	58		10	140
			Nitrobenzene-d5	40	24.48	61		10	135
			2-Nitrophenol-d4	40	25.01	63		10	120
			2,4-Dichlorophenol-d3	40	24.72	62		10	140
			4-Chloroaniline-d4	40	22.44	56		1	145
			Dimethylphthalate-d6	40	25.57	64		10	145
			Acenaphthylene-d8	40	26.51	66		15	120
			4-Nitrophenol-d4	40	28.95	72		10	150
			Fluorene-d10	40	28.12	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.40	26		10	130
			Anthracene-d10	40	27.05	68		10	150
			Pyrene-d10	40	24.84	62		10	130
			Benzo(a)pyrene-d12	40	27.51	69		10	140

Surrogate Summary

SW-846

SDG No.: BP072324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3238-01	A4BE6	BP021106.D	1,4-Dioxane-d8	8	3.67	46		15	120
			Pyridine-d5	40	3.39	8	*	20	120
			Phenol-d5	40	23.41	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.75	54		10	150
			2-Chlorophenol-d4	40	23.53	59		15	120
			4-Methylphenol-d8	40	22.33	56		10	140
			Nitrobenzene-d5	40	24.38	61		10	135
			2-Nitrophenol-d4	40	24.89	62		10	120
			2,4-Dichlorophenol-d3	40	24.55	61		10	140
			4-Chloroaniline-d4	40	8.22	21		1	145
			Dimethylphthalate-d6	40	25.33	63		10	145
			Acenaphthylene-d8	40	25.79	64		15	120
			4-Nitrophenol-d4	40	27.59	69		10	150
			Fluorene-d10	40	27.24	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.01	43		10	130
			Anthracene-d10	40	26.17	65		10	150
			Pyrene-d10	40	20.36	51		10	130
			Benzo(a)pyrene-d12	40	17.33	43		10	140
P3238-02MS	A4BE6MS	BP021107.D	1,4-Dioxane-d8	8	3.40	42		15	120
			Pyridine-d5	40	9.14	23		20	120
			Phenol-d5	40	21.60	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.87	50		10	150
			2-Chlorophenol-d4	40	21.25	53		15	120
			4-Methylphenol-d8	40	20.15	50		10	140
			Nitrobenzene-d5	40	22.56	56		10	135
			2-Nitrophenol-d4	40	23.34	58		10	120
			2,4-Dichlorophenol-d3	40	24.25	61		10	140
			4-Chloroaniline-d4	40	11.48	29		1	145
			Dimethylphthalate-d6	40	22.37	56		10	145
			Acenaphthylene-d8	40	22.98	57		15	120
			4-Nitrophenol-d4	40	35.89	90		10	150
			Fluorene-d10	40	24.58	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.58	44		10	130
			Anthracene-d10	40	24.13	60		10	150
			Pyrene-d10	40	18.48	46		10	130
			Benzo(a)pyrene-d12	40	15.98	40		10	140
P3238-03MSD	A4BE6MSD	BP021108.D	1,4-Dioxane-d8	8	3.53	44		15	120
			Pyridine-d5	40	9.96	25		20	120
			Phenol-d5	40	23.39	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.69	54		10	150
			2-Chlorophenol-d4	40	23.27	58		15	120
			4-Methylphenol-d8	40	22.05	55		10	140
			Nitrobenzene-d5	40	24.62	62		10	135
			2-Nitrophenol-d4	40	25.02	63		10	120
			2,4-Dichlorophenol-d3	40	26.31	66		10	140
			4-Chloroaniline-d4	40	12.23	31		1	145
			Dimethylphthalate-d6	40	25.11	63		10	145
			Acenaphthylene-d8	40	25.31	63		15	120
			4-Nitrophenol-d4	40	36.08	90		10	150

Surrogate Summary

SW-846

SDG No.: BP072324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3238-03MSD	A4BE6MSD	BP021108.D	Fluorene-d10	40	26.92	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.64	42		10	130
			Anthracene-d10	40	26.64	67		10	150
			Pyrene-d10	40	20.90	52		10	130
			Benzo(a)pyrene-d12	40	17.53	44		10	140
P3238-04	A4BE7	BP021115.D	1,4-Dioxane-d8	8	3.02	38		15	120
			Pyridine-d5	40	1.21	3	*	20	120
			Phenol-d5	40	17.99	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.23	43		10	150
			2-Chlorophenol-d4	40	18.34	46		15	120
			4-Methylphenol-d8	40	16.22	41		10	140
			Nitrobenzene-d5	40	17.99	45		10	135
			2-Nitrophenol-d4	40	18.26	46		10	120
			2,4-Dichlorophenol-d3	40	18.15	45		10	140
			4-Chloroaniline-d4	40	12.26	31		1	145
			Dimethylphthalate-d6	40	19.35	48		10	145
			Acenaphthylene-d8	40	19.52	49		15	120
			4-Nitrophenol-d4	40	19.31	48		10	150
			Fluorene-d10	40	21.14	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.84	17		10	130
			Anthracene-d10	40	19.69	49		10	150
			Pyrene-d10	40	17.36	43		10	130
			Benzo(a)pyrene-d12	40	14.10	35		10	140
P3238-05	A4BE8	BP021109.D	1,4-Dioxane-d8	8	3.79	47		15	120
			Pyridine-d5	40	1.57	4	*	20	120
			Phenol-d5	40	22.57	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.86	52		10	150
			2-Chlorophenol-d4	40	23.12	58		15	120
			4-Methylphenol-d8	40	22.47	56		10	140
			Nitrobenzene-d5	40	22.66	57		10	135
			2-Nitrophenol-d4	40	23.14	58		10	120
			2,4-Dichlorophenol-d3	40	23.43	59		10	140
			4-Chloroaniline-d4	40	9.62	24		1	145
			Dimethylphthalate-d6	40	23.68	59		10	145
			Acenaphthylene-d8	40	24.32	61		15	120
			4-Nitrophenol-d4	40	21.66	54		10	150
			Fluorene-d10	40	26.15	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.44	29		10	130
			Anthracene-d10	40	26.53	66		10	150
			Pyrene-d10	40	22.17	55		10	130
			Benzo(a)pyrene-d12	40	18.24	46		10	140
P3238-06	A4BE9	BP021114.D	1,4-Dioxane-d8	8	3.79	47		15	120
			Pyridine-d5	40	3.53	9	*	20	120
			Phenol-d5	40	21.43	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.41	51		10	150
			2-Chlorophenol-d4	40	22.01	55		15	120
			4-Methylphenol-d8	40	19.65	49		10	140
			Nitrobenzene-d5	40	22.44	56		10	135
			2-Nitrophenol-d4	40	22.83	57		10	120

Surrogate Summary

SW-846

SDG No.: BP072324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3238-06	A4BE9	BP021114.D	2,4-Dichlorophenol-d3	40	22.40	56		10	140
			4-Chloroaniline-d4	40	15.60	39		1	145
			Dimethylphthalate-d6	40	22.92	57		10	145
			Acenaphthylene-d8	40	23.63	59		15	120
			4-Nitrophenol-d4	40	22.92	57		10	150
			Fluorene-d10	40	25.41	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.87	22		10	130
			Anthracene-d10	40	24.38	61		10	150
			Pyrene-d10	40	20.93	52		10	130
			Benzo(a)pyrene-d12	40	18.21	46		10	140
P3238-07	A4BF0	BP021116.D	1,4-Dioxane-d8	8	3.68	46		15	120
			Pyridine-d5	40	18.19	45		20	120
			Phenol-d5	40	22.46	56		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.49	51		10	150
			2-Chlorophenol-d4	40	21.73	54		15	120
			4-Methylphenol-d8	40	21.94	55		10	140
			Nitrobenzene-d5	40	21.90	55		10	135
			2-Nitrophenol-d4	40	22.57	56		10	120
			2,4-Dichlorophenol-d3	40	22.48	56		10	140
			4-Chloroaniline-d4	40	21.17	53		1	145
			Dimethylphthalate-d6	40	22.35	56		10	145
			Acenaphthylene-d8	40	23.42	59		15	120
			4-Nitrophenol-d4	40	23.25	58		10	150
			Fluorene-d10	40	24.78	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.76	19		10	130
			Anthracene-d10	40	23.44	59		10	150
			Pyrene-d10	40	22.57	56		10	130
			Benzo(a)pyrene-d12	40	24.68	62		10	140
P3238-08	A4BF3	BP021098.D	1,4-Dioxane-d8	8	3.01	38		15	120
			Pyridine-d5	40	1.55	4	*	20	120
			Phenol-d5	40	18.41	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.22	43		10	150
			2-Chlorophenol-d4	40	18.21	46		15	120
			4-Methylphenol-d8	40	17.08	43		10	140
			Nitrobenzene-d5	40	17.89	45		10	135
			2-Nitrophenol-d4	40	18.32	46		10	120
			2,4-Dichlorophenol-d3	40	18.46	46		10	140
			4-Chloroaniline-d4	40	11.47	29		1	145
			Dimethylphthalate-d6	40	20.23	51		10	145
			Acenaphthylene-d8	40	20.20	50		15	120
			4-Nitrophenol-d4	40	18.00	45		10	150
			Fluorene-d10	40	21.80	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.31	36		10	130
			Anthracene-d10	40	19.84	50		10	150
			Pyrene-d10	40	16.60	41		10	130
			Benzo(a)pyrene-d12	40	14.70	37		10	140
P3238-09	A4BF4	BP021099.D	1,4-Dioxane-d8	8	2.94	37		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	16.10	40		10	130

Surrogate Summary

SW-846

SDG No.: BP072324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3238-09	A4BF4	BP021099.D	Bis(2-Chloroethyl)ether-d8	40	16.45	41		10	150
			2-Chlorophenol-d4	40	16.67	42		15	120
			4-Methylphenol-d8	40	12.39	31		10	140
			Nitrobenzene-d5	40	17.49	44		10	135
			2-Nitrophenol-d4	40	16.63	42		10	120
			2,4-Dichlorophenol-d3	40	16.35	41		10	140
			4-Chloroaniline-d4	40	8.37	21		1	145
			Dimethylphthalate-d6	40	16.71	42		10	145
			Acenaphthylene-d8	40	17.54	44		15	120
			4-Nitrophenol-d4	40	10.80	27		10	150
			Fluorene-d10	40	18.02	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.77	24		10	130
			Anthracene-d10	40	16.57	41		10	150
			Pyrene-d10	40	14.36	36		10	130
			Benzo(a)pyrene-d12	40	12.09	30		10	140
P3238-10	A4BF6	BP021100.D	1,4-Dioxane-d8	8	2.93	37		15	120
			Pyridine-d5	40	1.89	5	*	20	120
			Phenol-d5	40	17.39	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.81	42		10	150
			2-Chlorophenol-d4	40	17.87	45		15	120
			4-Methylphenol-d8	40	15.64	39		10	140
			Nitrobenzene-d5	40	17.62	44		10	135
			2-Nitrophenol-d4	40	18.32	46		10	120
			2,4-Dichlorophenol-d3	40	17.83	45		10	140
			4-Chloroaniline-d4	40	12.08	30		1	145
			Dimethylphthalate-d6	40	18.42	46		10	145
			Acenaphthylene-d8	40	18.81	47		15	120
			4-Nitrophenol-d4	40	16.93	42		10	150
			Fluorene-d10	40	20.04	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.97	32		10	130
			Anthracene-d10	40	19.56	49		10	150
			Pyrene-d10	40	16.40	41		10	130
P3238-11	A4BF7	BP021111.D	Benzo(a)pyrene-d12	40	14.10	35		10	140
			1,4-Dioxane-d8	8	3.68	46		15	120
			Pyridine-d5	40	4.77	12	*	20	120
			Phenol-d5	40	23.05	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.80	52		10	150
			2-Chlorophenol-d4	40	23.07	58		15	120
			4-Methylphenol-d8	40	21.78	54		10	140
			Nitrobenzene-d5	40	22.91	57		10	135
			2-Nitrophenol-d4	40	23.44	59		10	120
			2,4-Dichlorophenol-d3	40	23.08	58		10	140
			4-Chloroaniline-d4	40	4.01	10		1	145
			Dimethylphthalate-d6	40	23.36	58		10	145
			Acenaphthylene-d8	40	24.07	60		15	120
			4-Nitrophenol-d4	40	23.54	59		10	150
			Fluorene-d10	40	25.66	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.87	17		10	130
			Anthracene-d10	40	24.39	61		10	150

Surrogate Summary

SW-846

SDG No.: BP072324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3238-11	A4BF7	BP021111.D	Pyrene-d10	40	20.33	51		10	130
			Benzo(a)pyrene-d12	40	17.90	45		10	140
P3238-12	A4BF8	BP021101.D	1,4-Dioxane-d8	8	2.38	30		15	120
			Pyridine-d5	40	1.41	4	*	20	120
			Phenol-d5	40	14.17	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.47	34		10	150
			2-Chlorophenol-d4	40	13.99	35		15	120
			4-Methylphenol-d8	40	11.23	28		10	140
			Nitrobenzene-d5	40	14.20	35		10	135
			2-Nitrophenol-d4	40	14.90	37		10	120
			2,4-Dichlorophenol-d3	40	14.64	37		10	140
			4-Chloroaniline-d4	40	11.06	28		1	145
			Dimethylphthalate-d6	40	16.20	41		10	145
			Acenaphthylene-d8	40	16.15	40		15	120
			4-Nitrophenol-d4	40	16.46	41		10	150
			Fluorene-d10	40	17.40	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.57	24		10	130
			Anthracene-d10	40	15.12	38		10	150
			Pyrene-d10	40	13.32	33		10	130
			Benzo(a)pyrene-d12	40	11.90	30		10	140
P3238-13	A4BF9	BP021102.D	1,4-Dioxane-d8	8	2.69	34		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	14.60	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.73	37		10	150
			2-Chlorophenol-d4	40	15.05	38		15	120
			4-Methylphenol-d8	40	12.42	31		10	140
			Nitrobenzene-d5	40	15.01	38		10	135
			2-Nitrophenol-d4	40	15.31	38		10	120
			2,4-Dichlorophenol-d3	40	15.43	39		10	140
			4-Chloroaniline-d4	40	9.65	24		1	145
			Dimethylphthalate-d6	40	16.65	42		10	145
			Acenaphthylene-d8	40	16.69	42		15	120
			4-Nitrophenol-d4	40	16.07	40		10	150
			Fluorene-d10	40	18.34	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.14	28		10	130
			Anthracene-d10	40	17.72	44		10	150
			Pyrene-d10	40	15.77	39		10	130
			Benzo(a)pyrene-d12	40	14.16	35		10	140
P3238-14	A4BG0	BP021103.D	1,4-Dioxane-d8	8	3.12	39		15	120
			Pyridine-d5	40	1.15	3	*	20	120
			Phenol-d5	40	15.32	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.79	37		10	150
			2-Chlorophenol-d4	40	15.53	39		15	120
			4-Methylphenol-d8	40	12.86	32		10	140
			Nitrobenzene-d5	40	15.84	40		10	135
			2-Nitrophenol-d4	40	16.07	40		10	120
			2,4-Dichlorophenol-d3	40	14.92	37		10	140
			4-Chloroaniline-d4	40	9.86	25		1	145
			Dimethylphthalate-d6	40	16.02	40		10	145

Surrogate Summary

SW-846

SDG No.: BP072324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3238-14	A4BG0	BP021103.D	Acenaphthylene-d8	40	15.71	39		15	120
			4-Nitrophenol-d4	40	13.78	34		10	150
			Fluorene-d10	40	17.82	45		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.60	22		10	130
			Anthracene-d10	40	17.15	43		10	150
			Pyrene-d10	40	14.63	37		10	130
			Benzo(a)pyrene-d12	40	13.91	35		10	140
P3238-15	A4BZ5	BP021118.D	1,4-Dioxane-d8	8	2.73	34		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	13.40	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.74	37		10	150
			2-Chlorophenol-d4	40	14.77	37		15	120
			4-Methylphenol-d8	40	11.46	29		10	140
			Nitrobenzene-d5	40	15.21	38		10	135
			2-Nitrophenol-d4	40	15.10	38		10	120
			2,4-Dichlorophenol-d3	40	14.40	36		10	140
			4-Chloroaniline-d4	40	4.39	11		1	145
			Dimethylphthalate-d6	40	15.85	40		10	145
			Acenaphthylene-d8	40	16.46	41		15	120
			4-Nitrophenol-d4	40	11.45	29		10	150
			Fluorene-d10	40	17.75	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.01	13		10	130
			Anthracene-d10	40	16.47	41		10	150
			Pyrene-d10	40	13.98	35		10	130
			Benzo(a)pyrene-d12	40	12.36	31		10	140
			1,4-Dioxane-d8	8	3.03	38		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	15.42	39		10	130
P3238-16	A4BZ6	BP021117.D	Bis(2-Chloroethyl)ether-d8	40	15.69	39		10	150
			2-Chlorophenol-d4	40	16.01	40		15	120
			4-Methylphenol-d8	40	14.92	37		10	140
			Nitrobenzene-d5	40	16.63	42		10	135
			2-Nitrophenol-d4	40	15.97	40		10	120
			2,4-Dichlorophenol-d3	40	15.80	39		10	140
			4-Chloroaniline-d4	40	7.69	19		1	145
			Dimethylphthalate-d6	40	16.89	42		10	145
			Acenaphthylene-d8	40	17.51	44		15	120
			4-Nitrophenol-d4	40	10.94	27		10	150
			Fluorene-d10	40	18.69	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.00	13		10	130
			Anthracene-d10	40	17.87	45		10	150
			Pyrene-d10	40	15.18	38		10	130
			Benzo(a)pyrene-d12	40	13.54	34		10	140
			1,4-Dioxane-d8	8	3.53	44		15	120
			Pyridine-d5	40	1.08	3	*	20	120
			Phenol-d5	40	20.01	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.38	48		10	150
			2-Chlorophenol-d4	40	20.81	52		15	120
			4-Methylphenol-d8	40	19.98	50		10	140
P3238-17	A4C04	BP021110.D	1,4-Dioxane-d8	8	3.53	44		15	120
			Pyridine-d5	40	1.08	3	*	20	120
			Phenol-d5	40	20.01	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.38	48		10	150
			2-Chlorophenol-d4	40	20.81	52		15	120

Surrogate Summary

SW-846

SDG No.: BP072324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3238-17	A4C04	BP021110.D	Nitrobenzene-d5	40	21.55	54		10	135
			2-Nitrophenol-d4	40	21.10	53		10	120
			2,4-Dichlorophenol-d3	40	21.58	54		10	140
			4-Chloroaniline-d4	40	11.41	29		1	145
			Dimethylphthalate-d6	40	21.97	55		10	145
			Acenaphthylene-d8	40	22.78	57		15	120
			4-Nitrophenol-d4	40	17.11	43		10	150
			Fluorene-d10	40	24.50	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.20	16		10	130
			Anthracene-d10	40	24.99	62		10	150
			Pyrene-d10	40	20.18	50		10	130
			Benzo(a)pyrene-d12	40	18.67	47		10	140
P3238-18	A4CG8	BP021097.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	2.85	36		15	120
			Phenol-d5	40	17.13	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.72	42		10	150
			2-Chlorophenol-d4	40	17.27	43		15	120
			4-Methylphenol-d8	40	16.55	41		10	140
			Nitrobenzene-d5	40	18.17	45		10	135
			2-Nitrophenol-d4	40	18.24	46		10	120
			2,4-Dichlorophenol-d3	40	18.19	45		10	140
			4-Chloroaniline-d4	40	7.20	18		1	145
			Dimethylphthalate-d6	40	18.77	47		10	145
			Acenaphthylene-d8	40	18.67	47		15	120
			4-Nitrophenol-d4	40	17.44	44		10	150
			Fluorene-d10	40	19.72	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.06	38		10	130
			Anthracene-d10	40	17.94	45		10	150
			Pyrene-d10	40	15.95	40		10	130
			Benzo(a)pyrene-d12	40	14.12	35		10	140



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

Surrogate Summary

SW-846

SDG No.: BP072324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB162098BL	PB162098BL	BP021105.D	1,4-Dioxane-d8	8	6.19	77		15	120
			Pyridine-d5	40	27.15	68		20	120
			Phenol-d5	40	29.02	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.21	71		10	150
			2-Chlorophenol-d4	40	29.11	73		15	120
			4-Methylphenol-d8	40	27.81	70		10	140
			Nitrobenzene-d5	40	30.30	76		10	135
			2-Nitrophenol-d4	40	31.22	78		10	120
			2,4-Dichlorophenol-d3	40	29.10	73		10	140
			4-Chloroaniline-d4	40	26.37	66		1	145
			Dimethylphthalate-d6	40	30.52	76		10	145
			Acenaphthylene-d8	40	30.39	76		15	120
			4-Nitrophenol-d4	40	32.46	81		10	150
			Fluorene-d10	40	31.92	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.13	58		10	130
			Anthracene-d10	40	31.96	80		10	150
			Pyrene-d10	40	28.79	72		10	130
			Benzo(a)pyrene-d12	40	31.42	79		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP072324

Lab Code: CHEM

SAS No.: BP072324 SDG NO.: BP072324

Lab File ID: BP021094.D

DFTPP Injection Date: 07/23/2024

Instrument ID: BNA_P

DFTPP Injection Time: 10:50

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.3
68	Less than 2.0% of mass 69	0.2 (0.7) 1
69	Mass 69 relative abundance	31.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	40.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	29.9
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	96.9
443	15.0 - 24.0% of mass 442	18.9 (19.5) 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
SSTD020699	SSTDCCC020	BP021095.D	07/23/2024	12:14
SBLK905	PB161905BL	BP021096.D	07/23/2024	12:56
A4CG8	P3238-18	BP021097.D	07/23/2024	13:38
A4BF3	P3238-08	BP021098.D	07/23/2024	14:21
A4BF4	P3238-09	BP021099.D	07/23/2024	15:03
A4BF6	P3238-10	BP021100.D	07/23/2024	15:45
A4BF8	P3238-12	BP021101.D	07/23/2024	16:28
A4BF9	P3238-13	BP021102.D	07/23/2024	17:12
A4BG0	P3238-14	BP021103.D	07/23/2024	17:55
SSTD020700	SSTDCCC020	BP021104.D	07/23/2024	18:39
SBLK098	PB162098BL	BP021105.D	07/23/2024	19:22
A4BE6	P3238-01	BP021106.D	07/23/2024	20:05
A4BE6MS	P3238-02MS	BP021107.D	07/23/2024	20:49
A4BE6MSD	P3238-03MSD	BP021108.D	07/23/2024	21:32
A4BE8	P3238-05	BP021109.D	07/23/2024	22:16
A4C04	P3238-17	BP021110.D	07/23/2024	22:59
A4BF7	P3238-11	BP021111.D	07/23/2024	23:42
A4D31	P3215-14	BP021112.D	07/24/2024	00:25

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP072324

Lab Code: CHEM

SAS No.: BP072324

SDG NO.: BP072324

Lab File ID: BP021094.D

DFTPP Injection Date: 07/23/2024

Instrument ID: BNA_P

DFTPP Injection Time: 10:50

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30.3
68	Less than 2.0% of mass 69	0.2 (0.7) 1
69	Mass 69 relative abundance	31.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	40.6
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	29.9
365	Greater than 1% of mass 198	3.9
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	96.9
443	15.0 - 24.0% of mass 442	18.9 (19.5) 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
A4CJ7	P3215-22	BP021113.D	07/24/2024	01:08
A4BE9	P3238-06	BP021114.D	07/24/2024	01:51
A4BE7	P3238-04	BP021115.D	07/24/2024	02:34
A4BF0	P3238-07	BP021116.D	07/24/2024	03:17
A4BZ6	P3238-16	BP021117.D	07/24/2024	04:00
A4BZ5	P3238-15	BP021118.D	07/24/2024	04:43
SSTD020701	SSTDCCC020EC	BP021119.D	07/24/2024	06:09