

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM060424 SAS No.: BM060424 SDG No.: BM060424

Instrument ID: BNA_M Calibration Date/Time: 6/4/2024 12:10:58

Lab File ID: BM045811.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020111 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.571	0.579	0.010	1.3977	40.0
Benzaldehyde	0.799	0.923	0.010	15.5188	40.0
Pyridine	1.364	1.408	0.010	3.22	40.0
Phenol	1.762	1.873	0.080	6.3043	20.0
Bis(2-Chloroethyl)ether	1.471	1.582	0.100	7.5622	20.0
2-Chlorophenol	1.337	1.419	0.200	6.0996	20.0
2-Methylphenol	1.290	1.398	0.010	8.34	20.0
2,2-oxybis(1-Chloropropane)	2.897	3.303	0.010	14.0172	40.0
Acetophenone	2.139	2.454	0.060	14.7321	20.0
4-Methylphenol	1.335	1.504	0.010	12.6779	20.0
N-Nitroso-di-n-propylamine	1.182	1.402	0.050	18.6109	30.0
Hexachloroethane	0.642	0.672	0.100	4.6064	20.0
Nitrobenzene	0.438	0.476	0.050	8.6583	25.0
Isophorone	0.773	0.882	0.050	14.0719	25.0
2-Nitrophenol	0.173	0.188	0.050	8.8092	25.0
2,4-Dimethylphenol	0.351	0.388	0.050	10.6095	25.0
Bis(2-Chloroethoxy)methane	0.469	0.512	0.050	9.0018	20.0
2,4-Dichlorophenol	0.296	0.317	0.060	7.1012	20.0
Naphthalene	1.066	1.126	0.200	5.5923	20.0
4-Chloroaniline	0.401	0.440	0.010	9.4772	40.0
Hexachlorobutadiene	0.203	0.203	0.040	0.242	30.0
Caprolactam	0.083	0.100	0.010	19.994	40.0
4-Chloro-3-methylphenol	0.321	0.372	0.040	15.9218	25.0
1-Methylnaphthalene	0.706	0.774	0.100	9.5848	20.0
2-Methylnaphthalene	0.706	0.772	0.100	9.3596	20.0
Hexachlorocyclopentadiene	0.364	0.331	0.010	-8.9627	40.0
2,4,6-Trichlorophenol	0.348	0.367	0.090	5.3734	25.0
2,4,5-Trichlorophenol	0.378	0.400	0.100	5.8175	25.0
1,1-Biphenyl	1.484	1.544	0.200	4.0757	20.0
2-Chloronaphthalene	1.163	1.191	0.300	2.3879	20.0
2-Nitroaniline	0.397	0.459	0.050	15.6018	40.0
Dimethylphthalate	1.406	1.561	0.300	11.0241	20.0
2,6-Dinitrotoluene	0.270	0.303	0.080	12.1055	30.0
Acenaphthylene	1.861	1.994	0.400	7.1711	20.0
3-Nitroaniline	0.248	0.277	0.010	11.3358	40.0
Acenaphthene	1.242	1.333	0.200	7.3627	20.0
2,4-Dinitrophenol	0.123	0.092	0.010	-25.491	40.0
4-Nitrophenol	0.247	0.287	0.010	16.5443	40.0
Dibenzofuran	1.675	1.831	0.300	9.3622	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM060424 SAS No.: BM060424 SDG No.: BM060424

Instrument ID: BNA_M Calibration Date/Time: 6/4/2024 12:10:58

Lab File ID: BM045811.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020111 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.374	0.449	0.070	20.0551	30.0
Diethylphthalate	1.408	1.644	0.300	16.79	20.0
Fluorene	1.349	1.519	0.200	12.5819	20.0
4-Chlorophenyl-phenylether	0.670	0.726	0.100	8.4611	20.0
4-Nitroaniline	0.206	0.243	0.010	17.7258	40.0
4,6-Dinitro-2-methylphenol	0.112	0.097	0.010	-13.2071	40.0
N-Nitrosodiphenylamine	0.567	0.591	0.050	4.2965	20.0
1,2,4,5-Tetrachlorobenzene	0.599	0.592	0.100	-1.191	20.0
4-Bromophenyl-phenylether	0.209	0.214	0.070	2.799	20.0
Hexachlorobenzene	0.231	0.235	0.050	1.8554	25.0
Atrazine	0.172	0.175	0.010	1.7375	25.0
Pentachlorophenol	0.117	0.113	0.010	-3.5538	40.0
Phenanthrene	1.054	1.122	0.200	6.45	20.0
Pentachlorobenzene	0.290	0.278	0.050	-4.1863	20.0
Anthracene	1.053	1.145	0.200	8.7717	20.0
1,2,3,4-Tetrachlorobenzene	0.310	0.282	0.050	-8.9558	20.0
Carbazole	0.898	1.027	0.050	14.3349	40.0
Di-n-butylphthalate	1.181	1.384	0.500	17.1889	25.0
Fluoranthene	1.508	1.543	0.400	2.3515	25.0
Pyrene	1.549	1.591	0.400	2.6687	25.0
Butylbenzylphthalate	0.631	0.706	0.100	11.8561	40.0
3,3-Dichlorobenzidine	0.395	0.418	0.010	5.8818	40.0
Benzo (a) anthracene	1.381	1.468	0.300	6.3357	30.0
Chrysene	1.278	1.311	0.200	2.6362	30.0
Bis(2-ethylhexyl)phthalate	0.938	1.052	0.200	12.1866	40.0
Di-n-octyl phthalate	1.530	1.696	0.010	10.8894	40.0
Benzo (b) fluoranthene	1.229	1.344	0.200	9.3303	25.0
Benzo (k) fluoranthene	1.201	1.320	0.200	9.9943	25.0
Benzo (a) pyrene	1.080	1.176	0.200	8.9215	20.0
Indeno (1,2,3-cd) pyrene	1.179	1.094	0.200	-7.2488	25.0
Dibenzo (a,h) anthracene	0.933	0.855	0.200	-8.2976	30.0
Benzo (g,h,i) perylene	1.039	0.911	0.200	-12.2887	30.0
2,3,4,6-Tetrachlorophenol	0.286	0.329	0.040	15.0019	20.0
1,4-Dioxane-d8	0.516	0.519	0.010	0.5797	25.0
Pyridine-d5	1.328	1.345	0.010	1.2252	40.0
Phenol-d5	1.699	1.792	0.010	5.4871	25.0
Bis- (2-Chloroethyl) ether-d8	1.220	1.342	0.050	9.991	25.0
2-Chlorophenol-d4	1.269	1.349	0.200	6.2637	20.0
4-Methylphenol-d8	1.284	1.415	0.010	10.2651	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
 Lab Code: CHEM Case No.: BM060424 SAS No.: BM060424 SDG No.: BM060424
 Instrument ID: BNA_M Calibration Date/Time: 6/4/2024 12:10:58
 Lab File ID: BM045811.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020111 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.156	0.163	0.050	4.1571	20.0
2-Nitrophenol-d4	0.158	0.169	0.050	6.6169	30.0
2,4-Dichlorophenol-d3	0.297	0.319	0.060	7.5685	20.0
4-Chloroaniline-d4	0.411	0.456	0.010	10.9173	40.0
Dimethylphthalate-d6	1.385	1.531	0.300	10.5995	20.0
Acenaphthylene-d8	1.608	1.708	0.400	6.2506	20.0
4-Nitrophenol-d4	0.299	0.332	0.010	11.0245	40.0
Fluorene-d10	1.181	1.293	0.100	9.4676	20.0
4,6-Dinitro-2-methylphenol-d2	0.102	0.088	0.010	-13.6651	40.0
Anthracene-d10	0.869	0.937	0.300	7.7843	20.0
Pyrene-d10	1.244	1.276	0.300	2.602	25.0
Benzo(a)pyrene-d12	0.935	1.016	0.010	8.6792	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.: BM060424 SAS No.: BM060424 SDG No.: BM060424

Instrument ID: BNA_M Calibration Date/Time: 6/4/2024 12:15:54

Lab File ID: BM045818.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020112 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.571	0.580	0.010	1.6675	40.0
Benzaldehyde	0.799	0.951	0.010	18.9922	40.0
Pyridine	1.364	1.419	0.010	3.9897	40.0
Phenol	1.762	1.907	0.080	8.2359	20.0
Bis(2-Chloroethyl)ether	1.471	1.598	0.100	8.6627	20.0
2-Chlorophenol	1.337	1.439	0.200	7.6617	20.0
2-Methylphenol	1.290	1.399	0.010	8.3984	20.0
2,2-oxybis(1-Chloropropane)	2.897	3.377	0.010	16.5912	40.0
Acetophenone	2.139	2.447	0.060	14.3659	20.0
4-Methylphenol	1.335	1.545	0.010	15.7322	20.0
N-Nitroso-di-n-propylamine	1.182	1.429	0.050	20.91	30.0
Hexachloroethane	0.642	0.688	0.100	7.1463	20.0
Nitrobenzene	0.438	0.484	0.050	10.5027	25.0
Isophorone	0.773	0.890	0.050	15.0787	25.0
2-Nitrophenol	0.173	0.184	0.050	6.6271	25.0
2,4-Dimethylphenol	0.351	0.389	0.050	10.8055	25.0
Bis(2-Chloroethoxy)methane	0.469	0.517	0.050	10.2137	20.0
2,4-Dichlorophenol	0.296	0.321	0.060	8.5125	20.0
Naphthalene	1.066	1.139	0.200	6.7716	20.0
4-Chloroaniline	0.401	0.443	0.010	10.2438	40.0
Hexachlorobutadiene	0.203	0.206	0.040	1.6295	30.0
Caprolactam	0.083	0.101	0.010	21.5843	40.0
4-Chloro-3-methylphenol	0.321	0.374	0.040	16.6067	25.0
1-Methylnaphthalene	0.706	0.785	0.100	11.1595	20.0
2-Methylnaphthalene	0.706	0.776	0.100	9.8909	20.0
Hexachlorocyclopentadiene	0.364	0.328	0.010	-9.6987	40.0
2,4,6-Trichlorophenol	0.348	0.364	0.090	4.555	25.0
2,4,5-Trichlorophenol	0.378	0.401	0.100	6.0251	25.0
1,1-Biphenyl	1.484	1.528	0.200	2.9647	20.0
2-Chloronaphthalene	1.163	1.180	0.300	1.4948	20.0
2-Nitroaniline	0.397	0.455	0.050	14.5439	40.0
Dimethylphthalate	1.406	1.535	0.300	9.189	20.0
2,6-Dinitrotoluene	0.270	0.297	0.080	9.9706	30.0
Acenaphthylene	1.861	1.986	0.400	6.7196	20.0
3-Nitroaniline	0.248	0.271	0.010	9.3186	40.0
Acenaphthene	1.242	1.322	0.200	6.4786	20.0
2,4-Dinitrophenol	0.123	0.151	0.010	22.7273	40.0
4-Nitrophenol	0.247	0.284	0.010	15.2836	40.0
Dibenzofuran	1.675	1.808	0.300	7.9872	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM060424 SAS No.: BM060424 SDG No.: BM060424

Instrument ID: BNA_M Calibration Date/Time: 6/4/2024 12:15:54

Lab File ID: BM045818.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020112 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.374	0.440	0.070	17.6521	30.0
Diethylphthalate	1.408	1.617	0.300	14.8397	20.0
Fluorene	1.349	1.517	0.200	12.4301	20.0
4-Chlorophenyl-phenylether	0.670	0.719	0.100	7.3235	20.0
4-Nitroaniline	0.206	0.243	0.010	18.0639	40.0
4,6-Dinitro-2-methylphenol	0.112	0.110	0.010	-2.1844	40.0
N-Nitrosodiphenylamine	0.567	0.598	0.050	5.4998	20.0
1,2,4,5-Tetrachlorobenzene	0.599	0.588	0.100	-1.7907	20.0
4-Bromophenyl-phenylether	0.209	0.217	0.070	4.1806	20.0
Hexachlorobenzene	0.231	0.236	0.050	2.2717	25.0
Atrazine	0.172	0.175	0.010	1.6084	25.0
Pentachlorophenol	0.117	0.117	0.010	0.2128	40.0
Phenanthrene	1.054	1.122	0.200	6.4614	20.0
Pentachlorobenzene	0.290	0.284	0.050	-2.1961	20.0
Anthracene	1.053	1.137	0.200	8.0617	20.0
1,2,3,4-Tetrachlorobenzene	0.310	0.285	0.050	-8.2306	20.0
Carbazole	0.898	1.020	0.050	13.5812	40.0
Di-n-butylphthalate	1.181	1.361	0.500	15.2004	25.0
Fluoranthene	1.508	1.635	0.400	8.4238	25.0
Pyrene	1.549	1.665	0.400	7.4991	25.0
Butylbenzylphthalate	0.631	0.709	0.100	12.3012	40.0
3,3-Dichlorobenzidine	0.395	0.404	0.010	2.256	40.0
Benzo (a) anthracene	1.381	1.458	0.300	5.5991	30.0
Chrysene	1.278	1.335	0.200	4.4913	30.0
Bis(2-ethylhexyl)phthalate	0.938	1.028	0.200	9.5603	40.0
Di-n-octyl phthalate	1.530	1.685	0.010	10.1868	40.0
Benzo (b) fluoranthene	1.229	1.326	0.200	7.9241	25.0
Benzo (k) fluoranthene	1.201	1.333	0.200	11.0331	25.0
Benzo (a) pyrene	1.080	1.160	0.200	7.4379	20.0
Indeno (1,2,3-cd) pyrene	1.179	1.081	0.200	-8.3196	25.0
Dibenzo (a,h) anthracene	0.933	0.845	0.200	-9.4311	30.0
Benzo (g,h,i) perylene	1.039	0.934	0.200	-10.1318	30.0
2,3,4,6-Tetrachlorophenol	0.286	0.333	0.040	16.4051	20.0
1,4-Dioxane-d8	0.516	0.518	0.010	0.3456	25.0
Pyridine-d5	1.328	1.373	0.010	3.3756	40.0
Phenol-d5	1.699	1.814	0.010	6.7931	25.0
Bis- (2-Chloroethyl) ether-d8	1.220	1.364	0.050	11.7581	25.0
2-Chlorophenol-d4	1.269	1.356	0.200	6.8407	20.0
4-Methylphenol-d8	1.284	1.437	0.010	11.986	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM060424 SAS No.: BM060424 SDG No.: BM060424

Instrument ID: BNA_M Calibration Date/Time: 6/4/2024 12:15:54

Lab File ID: BM045818.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020112 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.156	0.164	0.050	4.6812	20.0
2-Nitrophenol-d4	0.158	0.169	0.050	6.9719	30.0
2,4-Dichlorophenol-d3	0.297	0.321	0.060	8.0509	20.0
4-Chloroaniline-d4	0.411	0.454	0.010	10.4616	40.0
Dimethylphthalate-d6	1.385	1.507	0.300	8.8414	20.0
Acenaphthylene-d8	1.608	1.699	0.400	5.6614	20.0
4-Nitrophenol-d4	0.299	0.330	0.010	10.3856	40.0
Fluorene-d10	1.181	1.280	0.100	8.381	20.0
4,6-Dinitro-2-methylphenol-d2	0.102	0.100	0.010	-1.8244	40.0
Anthracene-d10	0.869	0.933	0.300	7.2601	20.0
Pyrene-d10	1.244	1.337	0.300	7.5214	25.0
Benzo(a)pyrene-d12	0.935	1.022	0.010	9.286	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.: BM060424 SAS No.: BM060424 SDG No.: BM060424

Instrument ID: BNA_M Calibration Date/Time: 6/5/2024 12:01:48

Lab File ID: BM045832.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020113 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.571	0.529	0.010	-7.3326	40.0
Benzaldehyde	0.799	0.931	0.010	16.5167	40.0
Pyridine	1.364	1.378	0.010	0.9992	40.0
Phenol	1.762	1.865	0.080	5.8561	20.0
Bis(2-Chloroethyl) ether	1.471	1.525	0.100	3.7004	20.0
2-Chlorophenol	1.337	1.437	0.200	7.4561	20.0
2-Methylphenol	1.290	1.401	0.010	8.5968	20.0
2,2-oxybis(1-Chloropropane)	2.897	3.157	0.010	8.9747	40.0
Acetophenone	2.139	2.338	0.060	9.2713	20.0
4-Methylphenol	1.335	1.496	0.010	12.0195	20.0
N-Nitroso-di-n-propylamine	1.182	1.322	0.050	11.8196	30.0
Hexachloroethane	0.642	0.668	0.100	4.0898	20.0
Nitrobenzene	0.438	0.467	0.050	6.6867	25.0
Isophorone	0.773	0.876	0.050	13.3391	25.0
2-Nitrophenol	0.173	0.197	0.050	13.612	25.0
2,4-Dimethylphenol	0.351	0.387	0.050	10.354	25.0
Bis(2-Chloroethoxy) methane	0.469	0.496	0.050	5.6222	20.0
2,4-Dichlorophenol	0.296	0.330	0.060	11.6299	20.0
Naphthalene	1.066	1.123	0.200	5.2592	20.0
4-Chloroaniline	0.401	0.432	0.010	7.5639	40.0
Hexachlorobutadiene	0.203	0.211	0.040	4.1422	30.0
Caprolactam	0.083	0.101	0.010	21.2077	40.0
4-Chloro-3-methylphenol	0.321	0.372	0.040	15.9731	25.0
1-Methylnaphthalene	0.706	0.757	0.100	7.1484	20.0
2-Methylnaphthalene	0.706	0.757	0.100	7.1228	20.0
Hexachlorocyclopentadiene	0.364	0.298	0.010	-18.0999	40.0
2,4,6-Trichlorophenol	0.348	0.406	0.090	16.6092	25.0
2,4,5-Trichlorophenol	0.378	0.424	0.100	12.2318	25.0
1,1-Biphenyl	1.484	1.558	0.200	5.0073	20.0
2-Chloronaphthalene	1.163	1.212	0.300	4.2122	20.0
2-Nitroaniline	0.397	0.459	0.050	15.5938	40.0
Dimethylphthalate	1.406	1.520	0.300	8.0916	20.0
2,6-Dinitrotoluene	0.270	0.306	0.080	13.3089	30.0
Acenaphthylene	1.861	1.973	0.400	6.0339	20.0
3-Nitroaniline	0.248	0.288	0.010	16.0071	40.0
Acenaphthene	1.242	1.302	0.200	4.823	20.0
2,4-Dinitrophenol	0.123	0.135	0.010	9.5655	40.0
4-Nitrophenol	0.247	0.259	0.010	5.021	40.0
Dibenzofuran	1.675	1.767	0.300	5.5047	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM060424 SAS No.: BM060424 SDG No.: BM060424

Instrument ID: BNA_M Calibration Date/Time: 6/5/2024 12:01:48

Lab File ID: BM045832.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020113 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.374	0.432	0.070	15.4524	30.0
Diethylphthalate	1.408	1.578	0.300	12.0704	20.0
Fluorene	1.349	1.445	0.200	7.1213	20.0
4-Chlorophenyl-phenylether	0.670	0.703	0.100	5.0316	20.0
4-Nitroaniline	0.206	0.265	0.010	28.4112	40.0
4,6-Dinitro-2-methylphenol	0.112	0.096	0.010	-13.9393	40.0
N-Nitrosodiphenylamine	0.567	0.634	0.050	11.8497	20.0
1,2,4,5-Tetrachlorobenzene	0.599	0.620	0.100	3.4789	20.0
4-Bromophenyl-phenylether	0.209	0.228	0.070	9.4588	20.0
Hexachlorobenzene	0.231	0.245	0.050	6.2916	25.0
Atrazine	0.172	0.182	0.010	5.7768	25.0
Pentachlorophenol	0.117	0.123	0.010	5.3674	40.0
Phenanthrene	1.054	1.109	0.200	5.2081	20.0
Pentachlorobenzene	0.290	0.312	0.050	7.402	20.0
Anthracene	1.053	1.111	0.200	5.5008	20.0
1,2,3,4-Tetrachlorobenzene	0.310	0.330	0.050	6.4078	20.0
Carbazole	0.898	0.958	0.050	6.6739	40.0
Di-n-butylphthalate	1.181	1.364	0.500	15.4589	25.0
Fluoranthene	1.508	1.786	0.400	18.4712	25.0
Pyrene	1.549	1.769	0.400	14.1719	25.0
Butylbenzylphthalate	0.631	0.795	0.100	25.9211	40.0
3,3-Dichlorobenzidine	0.395	0.402	0.010	1.7853	40.0
Benzo(a)anthracene	1.381	1.463	0.300	5.9112	30.0
Chrysene	1.278	1.344	0.200	5.2239	30.0
Bis(2-ethylhexyl)phthalate	0.938	1.143	0.200	21.8808	40.0
Di-n-octyl phthalate	1.530	1.740	0.010	13.7693	40.0
Benzo(b)fluoranthene	1.229	1.299	0.200	5.6672	25.0
Benzo(k)fluoranthene	1.201	1.242	0.200	3.4614	25.0
Benzo(a)pyrene	1.080	1.152	0.200	6.6388	20.0
Indeno(1,2,3-cd)pyrene	1.179	1.324	0.200	12.2853	25.0
Dibenzo(a,h)anthracene	0.933	1.050	0.200	12.5081	30.0
Benzo(g,h,i)perylene	1.039	1.142	0.200	9.969	30.0
2,3,4,6-Tetrachlorophenol	0.286	0.329	0.040	15.1465	20.0
1,4-Dioxane-d8	0.516	0.476	0.010	-7.7333	25.0
Pyridine-d5	1.328	1.338	0.010	0.7689	40.0
Phenol-d5	1.699	1.806	0.010	6.2973	25.0
Bis-(2-Chloroethyl)ether-d8	1.220	1.272	0.050	4.2509	25.0
2-Chlorophenol-d4	1.269	1.387	0.200	9.2709	20.0
4-Methylphenol-d8	1.284	1.426	0.010	11.1106	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM060424 SAS No.: BM060424 SDG No.: BM060424

Instrument ID: BNA_M Calibration Date/Time: 6/5/2024 12:01:48

Lab File ID: BM045832.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020113 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.156	0.170	0.050	8.8142	20.0
2-Nitrophenol-d4	0.158	0.187	0.050	18.0942	30.0
2,4-Dichlorophenol-d3	0.297	0.338	0.060	13.7511	20.0
4-Chloroaniline-d4	0.411	0.446	0.010	8.6107	40.0
Dimethylphthalate-d6	1.385	1.503	0.300	8.5263	20.0
Acenaphthylene-d8	1.608	1.731	0.400	7.6714	20.0
4-Nitrophenol-d4	0.299	0.311	0.010	4.1906	40.0
Fluorene-d10	1.181	1.259	0.100	6.6176	20.0
4,6-Dinitro-2-methylphenol-d2	0.102	0.091	0.010	-10.815	40.0
Anthracene-d10	0.869	0.931	0.300	7.1046	20.0
Pyrene-d10	1.244	1.432	0.300	15.1139	25.0
Benzo(a)pyrene-d12	0.935	1.010	0.010	8.0131	20.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK908	SDG No.:	BM060424
Lab Sample ID:	PB160908BL	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
BM045812.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10	10	ug/L
108-95-2	Phenol	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	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	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.98	U	0.98	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	1.5	U	1.5	2.5	5	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.4	U	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.2	U	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK908	SDG No.:	BM060424
Lab Sample ID:	PB160908BL	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
BM045812.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.84	U	0.84	5	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.94	U	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5	ug/L
86-74-8	Carbazole	1.6	U	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK908	SDG No.:	BM060424
Lab Sample ID:	PB160908BL	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
BM045812.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	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	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.366		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	27.077		20-120		68	SPK: -40
4165-62-2	Phenol-d5	30.304		10-130		76	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.298		25-120		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	32.295		20-130		81	SPK: -40
190780-66-6	4-Methylphenol-d8	31.809		25-125		80	SPK: -40
4165-60-0	Nitrobenzene-d5	31.497		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.798		20-130		79	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.325		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.113		1-146		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.164		25-130		85	SPK: -40
93951-97-4	Acenaphthylene-d8	31.043		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.224		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	32.454		25-125		81	SPK: -40

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK908	SDG No.:	BM060424
Lab Sample ID:	PB160908BL	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
BM045812.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.716		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	31.367		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	32.019		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.882		20-130		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	341780	7.469				
1146-65-2	Naphthalene-d8	1469109	10.233				
15067-26-2	Acenaphthene-d10	956704	14.11				
1517-22-2	Phenanthrene-d10	1964611	16.851				
1719-03-5	Chrysene-d12	1579293	21.068				
1520-96-3	Perylene-d12	1523262	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	24.691	2.9	J		24.691	
	(DEL) Alkane: Straight-Chain	25.774	3	J		25.774	
E966796	Total Alkanes		5.9			99	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT2-2024-04	SDG No.:	BM060424
Lab Sample ID:	P2409-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045813.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1	J	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	6.8	J	2.5	5	10	ug/L
110-86-1	Pyridine	4.2	J	1.4	10	10	ug/L
108-95-2	Phenol	4.7	J	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	4.8	J	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	4.8	J	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	4.1	J	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5	J	1.4	5	10	ug/L
98-86-2	Acetophenone	4.8	J	1.5	5	10	ug/L
106-44-5	4-Methylphenol	4.6	J	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	5		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	4.7	J	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	5		1.4	2.5	5	ug/L
78-59-1	Isophorone	4.5	J	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	4.6	J	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	2.1	J	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	4.5	J	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	4.5	J	1.5	2.5	5	ug/L
91-20-3	Naphthalene	4.8	J	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	4.5	J	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	4.6	J	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	4.2	J	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	4.8	J	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	4.7	J	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	3.9	J	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	4.1	J	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT2-2024-04	SDG No.:	BM060424
Lab Sample ID:	P2409-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045813.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4.8	J	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4.7	J	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	4.2	J	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	4.7	J	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	3.9	J	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	4.7	J	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	3.9	J	0.84	5	10	ug/L
83-32-9	Acenaphthene	4.8	J	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	4.8	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	4.8	J	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	4.2	J	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	4.6	J	1.5	2.5	5	ug/L
86-73-7	Fluorene	4.8	J	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.8	J	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	4.7	J	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.1	J	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	4.5	J	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.6	J	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.4	J	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	4.7	J	1.6	2.5	5	ug/L
1912-24-9	Atrazine	5.1	J	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	6.9	J	3.6	5	10	ug/L
85-01-8	Phenanthrene	4.7	J	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	4.9	J	1.5	2.5	5	ug/L
120-12-7	Anthracene	4.2	J	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4.5	J	1.2	2.5	5	ug/L
86-74-8	Carbazole	4.4	J	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	4.2	J	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	4.5	J	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT2-2024-04	SDG No.:	BM060424
Lab Sample ID:	P2409-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045813.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4.7	J	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	3.8	J	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3.4	J	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	4.5	J	1.4	2.5	5	ug/L
218-01-9	Chrysene	4.6	J	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.8	J	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	3.6	J	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.5	J	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.7	J	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	4.5	J	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.6	J	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.5	J	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	4.7	J	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4	J	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.002		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	22.528		20-120		56	SPK: -40
4165-62-2	Phenol-d5	25.153		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.77		25-120		64	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.08		20-130		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.339		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	25.269		20-125		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.349		20-130		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.461		20-120		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.165		1-146		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.588		25-130		61	SPK: -40
93951-97-4	Acenaphthylene-d8	24.553		10-130		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.679		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	24.692		25-125		62	SPK: -40

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT2-2024-04	SDG No.:	BM060424
Lab Sample ID:	P2409-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045813.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.853		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	21.953		25-130		55	SPK: -40
1718-52-1	Pyrene-d10	24.313		15-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.779		20-130		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	254345	7.463				
1146-65-2	Naphthalene-d8	1041594	10.233				
15067-26-2	Acenaphthene-d10	622219	14.11				
1517-22-2	Phenanthrene-d10	1189653	16.856				
1719-03-5	Chrysene-d12	905193	21.068				
1520-96-3	Perylene-d12	912237	23.785				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L



Client:			Date Collected:	5/7/2024 12:00:00 AM
Project:			Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT2-2024-04		SDG No.:	BM060424
Lab Sample ID:	P2409-04		Matrix:	Solid
Analytical Method:	SFAM_SVOC		% Moisture:	0
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
BM045814.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	38	J	13	6.6	66	ug/Kg
100-52-7	Benzaldehyde	230	J	75	82.2	330	ug/Kg
110-86-1	Pyridine	150	J	43	160	330	ug/Kg
108-95-2	Phenol	160	J	35	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	160	J	34	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	160	J	28	42.4	170	ug/Kg
95-48-7	2-Methylphenol	140	J	30	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	J	27	82.2	330	ug/Kg
98-86-2	Acetophenone	160	J	38	82.2	330	ug/Kg
106-44-5	4-Methylphenol	150	J	32	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	150	J	29	42.4	170	ug/Kg
67-72-1	Hexachloroethane	150	J	23	42.4	170	ug/Kg
98-95-3	Nitrobenzene	170		36	42.4	170	ug/Kg
78-59-1	Isophorone	150	J	34	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	150	J	32	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	71	J	28	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	150	J	38	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	150	J	39	42.4	170	ug/Kg
91-20-3	Naphthalene	160	J	34	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	150	J	43	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	150	J	34	42.4	170	ug/Kg
105-60-2	Caprolactam	150	J	120	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	140	J	28	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	160	J	41	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	160	J	37	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	200	J	79	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	J	43	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	J	42	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT2-2024-04	SDG No.:	BM060424
Lab Sample ID:	P2409-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM045814.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	160	J	48	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	160	J	45	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	140	J	22	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	160	J	42	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	J	21	42.4	170	ug/Kg
208-96-8	Acenaphthylene	160	J	43	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	130	J	20	82.2	330	ug/Kg
83-32-9	Acenaphthene	160	J	41	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	180	J	120	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	170	J	41	82.2	330	ug/Kg
132-64-9	Dibenzofuran	160	J	46	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	J	27	42.4	170	ug/Kg
84-66-2	Diethylphthalate	160	J	60	42.4	170	ug/Kg
86-73-7	Fluorene	160	J	45	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	160	J	47	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	180	J	42	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	J	16	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	150	J	42	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	160	J	51	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	J	45	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	150	J	50	42.4	170	ug/Kg
1912-24-9	Atrazine	180	J	39	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	240	J	87	82.2	330	ug/Kg
85-01-8	Phenanthrene	160	J	44	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	160	J	51	42.4	170	ug/Kg
120-12-7	Anthracene	140	J	43	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	140	J	33	42.4	170	ug/Kg
86-74-8	Carbazole	160	J	45	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	150	J	42	42.4	170	ug/Kg
206-44-0	Fluoranthene	140	J	44	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT2-2024-04	SDG No.:	BM060424
Lab Sample ID:	P2409-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM045814.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	J	44	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	130	J	32	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	J	23	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	39	42.4	170	ug/Kg
218-01-9	Chrysene	150	J	45	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	J	44	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	130	J	34	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	42	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	45	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	42	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	160	J	37	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	37	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	J	35	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	J	37	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.892		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	23.953		20-120		60	SPK: -40
4165-62-2	Phenol-d5	24.94		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.383		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.142		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.354		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	25.222		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.875		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.437		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.232		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.268		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	24.269		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.449		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	25.281		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT2-2024-04	SDG No.:	BM060424
Lab Sample ID:	P2409-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM045814.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.239		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	21.997		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	23.011		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.015		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	262685	7.463				
1146-65-2	Naphthalene-d8	1064269	10.234				
15067-26-2	Acenaphthene-d10	642690	14.11				
1517-22-2	Phenanthrene-d10	1296039	16.857				
1719-03-5	Chrysene-d12	1103094	21.068				
1520-96-3	Perylene-d12	1140478	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT2-2024-04	SDG No.:	BM060424
Lab Sample ID:	P2409-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045815.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1000	J	370	190	1900	ug/Kg
100-52-7	Benzaldehyde	6400	J	2100	2300	9400	ug/Kg
110-86-1	Pyridine	4300	J	1200	4700	9400	ug/Kg
108-95-2	Phenol	4500	J	940	2300	9400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4500	J	870	2300	9400	ug/Kg
95-57-8	2-Chlorophenol	4500	J	830	1200	4700	ug/Kg
95-48-7	2-Methylphenol	4000	J	900	2300	9400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	4900	J	730	2300	9400	ug/Kg
98-86-2	Acetophenone	4800	J	1000	2300	9400	ug/Kg
106-44-5	4-Methylphenol	4500	J	820	2300	9400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4800		720	1200	4700	ug/Kg
67-72-1	Hexachloroethane	4400	J	550	1200	4700	ug/Kg
98-95-3	Nitrobenzene	4500	J	900	1200	4700	ug/Kg
78-59-1	Isophorone	4500	J	860	1200	4700	ug/Kg
88-75-5	2-Nitrophenol	4400	J	1000	1200	4700	ug/Kg
105-67-9	2,4-Dimethylphenol	2000	J	800	1200	4700	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4400	J	1000	1200	4700	ug/Kg
120-83-2	2,4-Dichlorophenol	4400	J	1200	1200	4700	ug/Kg
91-20-3	Naphthalene	4500	J	920	1200	4700	ug/Kg
106-47-8	4-Chloroaniline	4400	J	1200	1200	9400	ug/Kg
87-68-3	Hexachlorobutadiene	4300	J	1000	1200	4700	ug/Kg
105-60-2	Caprolactam	4500	J	2500	2300	9400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4300	J	840	1200	4700	ug/Kg
90-12-0	1-Methylnaphthalene	4700		1100	1200	4700	ug/Kg
91-57-6	2-Methylnaphthalene	4500	J	1100	1200	4700	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5600	J	2300	2300	9400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3900	J	1100	1200	4700	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4100	J	1300	1200	4700	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT2-2024-04	SDG No.:	BM060424
Lab Sample ID:	P2409-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045815.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4400	J	1300	1200	4700	ug/Kg
91-58-7	2-Chloronaphthalene	4400	J	1300	1200	4700	ug/Kg
88-74-4	2-Nitroaniline	4300	J	640	1200	4700	ug/Kg
131-11-3	Dimethylphthalate	4600	J	1200	1200	4700	ug/Kg
606-20-2	2,6-Dinitrotoluene	4100	J	700	1200	4700	ug/Kg
208-96-8	Acenaphthylene	4500	J	1300	1200	4700	ug/Kg
99-09-2	3-Nitroaniline	4200	J	640	2300	9400	ug/Kg
83-32-9	Acenaphthene	4500	J	1200	1200	4700	ug/Kg
51-28-5	2,4-Dinitrophenol	5400	J	2800	2300	9400	ug/Kg
100-02-7	4-Nitrophenol	5000	J	1200	2300	9400	ug/Kg
132-64-9	Dibenzofuran	4600	J	1300	1200	4700	ug/Kg
121-14-2	2,4-Dinitrotoluene	4500	J	830	1200	4700	ug/Kg
84-66-2	Diethylphthalate	4700		1700	1200	4700	ug/Kg
86-73-7	Fluorene	4700		1300	1200	4700	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4600	J	1500	1200	4700	ug/Kg
100-01-6	4-Nitroaniline	4900	J	1000	2300	9400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4200	J	450	2300	9400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4200	J	1200	1200	4700	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4200	J	1400	1200	4700	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4200	J	1200	1200	4700	ug/Kg
118-74-1	Hexachlorobenzene	4300	J	1400	1200	4700	ug/Kg
1912-24-9	Atrazine	5200	J	880	2300	9400	ug/Kg
87-86-5	Pentachlorophenol	7000	J	2400	2300	9400	ug/Kg
85-01-8	Phenanthrene	4300	J	1300	1200	4700	ug/Kg
608-93-5	Pentachlorobenzene	4400	J	1500	1200	4700	ug/Kg
120-12-7	Anthracene	3900	J	1300	1200	4700	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	3800	J	1000	1200	4700	ug/Kg
86-74-8	Carbazole	4300	J	1400	2300	9400	ug/Kg
84-74-2	Di-n-butylphthalate	4300	J	1300	1200	4700	ug/Kg
206-44-0	Fluoranthene	4500	J	1200	2300	4700	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT2-2024-04	SDG No.:	BM060424
Lab Sample ID:	P2409-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045815.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4600	J	1300	1200	4700	ug/Kg
85-68-7	Butylbenzylphthalate	4100	J	1000	1200	4700	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3100	J	700	2300	9400	ug/Kg
56-55-3	Benzo(a)anthracene	4200	J	1200	1200	4700	ug/Kg
218-01-9	Chrysene	4200	J	1300	1200	4700	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3700	J	1400	1200	4700	ug/Kg
117-84-0	Di-n-octyl phthalate	3800	J	1000	2300	9400	ug/Kg
205-99-2	Benzo(b)fluoranthene	4500	J	1200	1200	4700	ug/Kg
207-08-9	Benzo(k)fluoranthene	4500	J	1500	1200	4700	ug/Kg
50-32-8	Benzo(a)pyrene	4300	J	1400	1200	4700	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3900	J	1100	1200	4700	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3900	J	1200	1200	4700	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4000	J	1200	1200	4700	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4100	J	1100	1200	4700	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.897		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	23.776		20-120		59	SPK: -40
4165-62-2	Phenol-d5	24.922		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.83		10-150		65	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.078		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	24.113		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	25.109		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.954		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.882		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.17		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.771		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	24.608		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.895		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	25.719		20-140		64	SPK: -40

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT2-2024-04	SDG No.:	BM060424
Lab Sample ID:	P2409-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045815.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.392		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	21.708		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	25.495		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.478		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	300985	7.469				
1146-65-2	Naphthalene-d8	1287057	10.234				
15067-26-2	Acenaphthene-d10	819532	14.11				
1517-22-2	Phenanthrene-d10	1695871	16.857				
1719-03-5	Chrysene-d12	1245622	21.068				
1520-96-3	Perylene-d12	1066429	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1300	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK910	SDG No.:	BM060424
Lab Sample ID:	PB160910BL	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
BM045816.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	75	U	75	82.5	330	ug/Kg
110-86-1	Pyridine	43	U	43	170	330	ug/Kg
108-95-2	Phenol	35	U	35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	30	U	30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27	U	27	82.5	330	ug/Kg
98-86-2	Acetophenone	38	U	38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	32	U	32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	29	U	29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	23	U	23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	36	U	36	42.5	170	ug/Kg
78-59-1	Isophorone	34	U	34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	42.5	170	ug/Kg
91-20-3	Naphthalene	34	U	34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	42.5	170	ug/Kg
105-60-2	Caprolactam	120	U	120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28	U	28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	79	U	79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43	U	43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK910	SDG No.:	BM060424
Lab Sample ID:	PB160910BL	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
BM045816.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	43	U	43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	82.5	330	ug/Kg
83-32-9	Acenaphthene	41	U	41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	41	U	41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	46	U	46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	27	U	27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	60	U	60	42.5	170	ug/Kg
86-73-7	Fluorene	45	U	45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	47	U	47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	39	U	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	82.5	330	ug/Kg
85-01-8	Phenanthrene	44	U	44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	42.5	170	ug/Kg
120-12-7	Anthracene	43	U	43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	42.5	170	ug/Kg
86-74-8	Carbazole	45	U	45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	42	U	42	42.5	170	ug/Kg
206-44-0	Fluoranthene	44	U	44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK910	SDG No.:	BM060424
Lab Sample ID:	PB160910BL	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
BM045816.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.527		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	24.659		20-120		62	SPK: -40
4165-62-2	Phenol-d5	29.484		10-130		74	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.4		10-150		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.692		15-120		77	SPK: -40
190780-66-6	4-Methylphenol-d8	30.967		10-140		77	SPK: -40
4165-60-0	Nitrobenzene-d5	29.975		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.136		10-120		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.906		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.787		1-145		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.613		10-145		82	SPK: -40
93951-97-4	Acenaphthylene-d8	29.949		15-120		75	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.626		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	31.097		20-140		78	SPK: -40

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK910	SDG No.:	BM060424
Lab Sample ID:	PB160910BL	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
BM045816.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.149		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	30.836		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	31.689		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.246		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	300603	7.469				
1146-65-2	Naphthalene-d8	1297476	10.233				
15067-26-2	Acenaphthene-d10	838626	14.11				
1517-22-2	Phenanthrene-d10	1698803	16.857				
1719-03-5	Chrysene-d12	1312055	21.068				
1520-96-3	Perylene-d12	1202991	23.785				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	24.691	110	J		24.691	
	(DEL) Alkane: Straight-Chain	25.768	120	J		25.768	
E966796	Total Alkanes		230			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK913	SDG No.:	BM060424
Lab Sample ID:	PB160913BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045817.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	380	U	380	190	1900	ug/Kg
100-52-7	Benzaldehyde	2100	U	2100	2400	9700	ug/Kg
110-86-1	Pyridine	1300	U	1300	4800	9700	ug/Kg
108-95-2	Phenol	970	U	970	2400	9700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	890	U	890	2400	9700	ug/Kg
95-57-8	2-Chlorophenol	850	U	850	1200	4900	ug/Kg
95-48-7	2-Methylphenol	920	U	920	2400	9700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	750	U	750	2400	9700	ug/Kg
98-86-2	Acetophenone	1100	U	1100	2400	9700	ug/Kg
106-44-5	4-Methylphenol	840	U	840	2400	9700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	740	U	740	1200	4900	ug/Kg
67-72-1	Hexachloroethane	560	U	560	1200	4900	ug/Kg
98-95-3	Nitrobenzene	920	U	920	1200	4900	ug/Kg
78-59-1	Isophorone	880	U	880	1200	4900	ug/Kg
88-75-5	2-Nitrophenol	1100	U	1100	1200	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	830	U	830	1200	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100	U	1100	1200	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	1300	U	1300	1200	4900	ug/Kg
91-20-3	Naphthalene	940	U	940	1200	4900	ug/Kg
106-47-8	4-Chloroaniline	1300	U	1300	1200	9700	ug/Kg
87-68-3	Hexachlorobutadiene	1100	U	1100	1200	4900	ug/Kg
105-60-2	Caprolactam	2600	U	2600	2400	9700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	860	U	860	1200	4900	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	1200	4900	ug/Kg
91-57-6	2-Methylnaphthalene	1200	U	1200	1200	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2300	U	2300	2400	9700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1200	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400	U	1400	1200	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK913	SDG No.:	BM060424
Lab Sample ID:	PB160913BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045817.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1400	U	1400	1200	4900	ug/Kg
91-58-7	2-Chloronaphthalene	1400	U	1400	1200	4900	ug/Kg
88-74-4	2-Nitroaniline	660	U	660	1200	4900	ug/Kg
131-11-3	Dimethylphthalate	1300	U	1300	1200	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	720	U	720	1200	4900	ug/Kg
208-96-8	Acenaphthylene	1400	U	1400	1200	4900	ug/Kg
99-09-2	3-Nitroaniline	660	U	660	2400	9700	ug/Kg
83-32-9	Acenaphthene	1300	U	1300	1200	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	U	2900	2400	9700	ug/Kg
100-02-7	4-Nitrophenol	1300	U	1300	2400	9700	ug/Kg
132-64-9	Dibenzofuran	1400	U	1400	1200	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	850	U	850	1200	4900	ug/Kg
84-66-2	Diethylphthalate	1700	U	1700	1200	4900	ug/Kg
86-73-7	Fluorene	1400	U	1400	1200	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600	U	1600	1200	4900	ug/Kg
100-01-6	4-Nitroaniline	1100	U	1100	2400	9700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	470	U	470	2400	9700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1300	U	1300	1200	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500	U	1500	1200	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300	U	1300	1200	4900	ug/Kg
118-74-1	Hexachlorobenzene	1500	U	1500	1200	4900	ug/Kg
1912-24-9	Atrazine	900	U	900	2400	9700	ug/Kg
87-86-5	Pentachlorophenol	2400	U	2400	2400	9700	ug/Kg
85-01-8	Phenanthrene	1400	U	1400	1200	4900	ug/Kg
608-93-5	Pentachlorobenzene	1600	U	1600	1200	4900	ug/Kg
120-12-7	Anthracene	1400	U	1400	1200	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100	U	1100	1200	4900	ug/Kg
86-74-8	Carbazole	1500	U	1500	2400	9700	ug/Kg
84-74-2	Di-n-butylphthalate	1400	U	1400	1200	4900	ug/Kg
206-44-0	Fluoranthene	1300	U	1300	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK913	SDG No.:	BM060424
Lab Sample ID:	PB160913BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045817.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400	U	1400	1200	4900	ug/Kg
85-68-7	Butylbenzylphthalate	1100	U	1100	1200	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	720	U	720	2400	9700	ug/Kg
56-55-3	Benzo(a)anthracene	1300	U	1300	1200	4900	ug/Kg
218-01-9	Chrysene	1400	U	1400	1200	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500	U	1500	1200	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	1100	U	1100	2400	9700	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300	U	1300	1200	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600	U	1600	1200	4900	ug/Kg
50-32-8	Benzo(a)pyrene	1500	U	1500	1200	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200	U	1200	1200	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	1200	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	U	1300	1200	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200	U	1200	1200	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.389		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	25.542		20-120		64	SPK: -40
4165-62-2	Phenol-d5	30.037		10-130		75	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.901		10-150		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.364		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	30.752		10-140		77	SPK: -40
4165-60-0	Nitrobenzene-d5	30.985		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.318		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.927		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.899		1-145		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.389		10-145		83	SPK: -40
93951-97-4	Acenaphthylene-d8	30.967		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.415		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	32.154		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK913	SDG No.:	BM060424
Lab Sample ID:	PB160913BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045817.D	1	5/14/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.576		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	31.485		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	31.248		10-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.466		10-140		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	258336	7.463				
1146-65-2	Naphthalene-d8	1086630	10.234				
15067-26-2	Acenaphthene-d10	695861	14.11				
1517-22-2	Phenanthrene-d10	1426568	16.857				
1719-03-5	Chrysene-d12	1194689	21.068				
1520-96-3	Perylene-d12	1274159	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	23.015	2200	J		23.015	
	(DEL) Alkane: Straight-Chain	24.692	4300	J		24.692	
	(DEL) Alkane: Straight-Chain	25.774	4700	J		25.774	
	(DEL) Alkane: Straight-Chain	27.068	3100	J		27.068	
E966796	Total Alkanes	14000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK139	SDG No.:	BM060424
Lab Sample ID:	PB161139BL	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
BM045819.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	75	U	75	82.5	330	ug/Kg
110-86-1	Pyridine	43	U	43	170	330	ug/Kg
108-95-2	Phenol	35	U	35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	30	U	30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27	U	27	82.5	330	ug/Kg
98-86-2	Acetophenone	38	U	38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	32	U	32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	29	U	29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	23	U	23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	36	U	36	42.5	170	ug/Kg
78-59-1	Isophorone	34	U	34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	42.5	170	ug/Kg
91-20-3	Naphthalene	34	U	34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	42.5	170	ug/Kg
105-60-2	Caprolactam	120	U	120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28	U	28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	79	U	79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43	U	43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK139	SDG No.:	BM060424
Lab Sample ID:	PB161139BL	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
BM045819.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	43	U	43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	82.5	330	ug/Kg
83-32-9	Acenaphthene	41	U	41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	41	U	41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	46	U	46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	27	U	27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	60	U	60	42.5	170	ug/Kg
86-73-7	Fluorene	45	U	45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	47	U	47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	39	U	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	82.5	330	ug/Kg
85-01-8	Phenanthrene	44	U	44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	42.5	170	ug/Kg
120-12-7	Anthracene	43	U	43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	42.5	170	ug/Kg
86-74-8	Carbazole	45	U	45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	42	U	42	42.5	170	ug/Kg
206-44-0	Fluoranthene	44	U	44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK139	SDG No.:	BM060424
Lab Sample ID:	PB161139BL	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
BM045819.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.074		15-120		63	SPK: -8
7291-22-7	Pyridine-d5	24.191		20-120		60	SPK: -40
4165-62-2	Phenol-d5	26.233		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.855		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.6		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	27.769		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	27.236		10-135		68	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.754		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.512		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.558		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.784		10-145		74	SPK: -40
93951-97-4	Acenaphthylene-d8	27.459		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.225		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	28.595		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SBLK139	SDG No.:	BM060424
Lab Sample ID:	PB161139BL	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
BM045819.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.891		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	29.618		10-150		74	SPK: -40
1718-52-1	Pyrene-d10	27.977		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.565		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	284866	7.469				
1146-65-2	Naphthalene-d8	1202310	10.233				
15067-26-2	Acenaphthene-d10	784316	14.11				
1517-22-2	Phenanthrene-d10	1599515	16.857				
1719-03-5	Chrysene-d12	1316749	21.068				
1520-96-3	Perylene-d12	1309835	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5W2	SDG No.:	BM060424
Lab Sample ID:	P2589-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
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
BM045820.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.6	77	ug/Kg
100-52-7	Benzaldehyde	87	U	87	95.4	380	ug/Kg
110-86-1	Pyridine	50	U	50	190	380	ug/Kg
108-95-2	Phenol	40	U	40	95.4	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	95.4	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49.1	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	95.4	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	95.4	380	ug/Kg
98-86-2	Acetophenone	44	U	44	95.4	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	95.4	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	49.1	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49.1	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49.1	200	ug/Kg
78-59-1	Isophorone	39	U	39	49.1	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	49.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	49.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	49.1	200	ug/Kg
91-20-3	Naphthalene	39	U	39	49.1	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49.1	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	49.1	200	ug/Kg
105-60-2	Caprolactam	140	U	140	95.4	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	49.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	49.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	91	U	91	95.4	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	49.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5W2	SDG No.:	BM060424
Lab Sample ID:	P2589-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
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
BM045820.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	49.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49.1	200	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	49.1	200	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	49.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	49.1	200	ug/Kg
208-96-8	Acenaphthylene	50	U	50	49.1	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	95.4	380	ug/Kg
83-32-9	Acenaphthene	47	U	47	49.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	95.4	380	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	95.4	380	ug/Kg
132-64-9	Dibenzofuran	53	U	53	49.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	49.1	200	ug/Kg
84-66-2	Diethylphthalate	69	U	69	49.1	200	ug/Kg
86-73-7	Fluorene	52	U	52	49.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	49.1	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	95.4	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	95.4	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	49.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	49.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	49.1	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.1	200	ug/Kg
1912-24-9	Atrazine	45	U	45	95.4	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.4	380	ug/Kg
85-01-8	Phenanthrene	51	U	51	49.1	200	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	49.1	200	ug/Kg
120-12-7	Anthracene	50	U	50	49.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	49.1	200	ug/Kg
86-74-8	Carbazole	52	U	52	95.4	380	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	49.1	200	ug/Kg
206-44-0	Fluoranthene	65	J	51	95.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5W2	SDG No.:	BM060424
Lab Sample ID:	P2589-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
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
BM045820.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	65	J	51	49.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	49.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	95.4	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	49.1	200	ug/Kg
218-01-9	Chrysene	52	U	52	49.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	49.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	95.4	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	49.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	49.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	49.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	49.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	49.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	49.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	49.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.394		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	17.312		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.896		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.169		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	17.875		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	19.836		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.914		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.543		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.749		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.794		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.647		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.989		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	21.435		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH5W2	SDG No.:	BM060424
Lab Sample ID:	P2589-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.5
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
BM045820.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.174		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	21.438		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	24.331		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.909		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	220031	7.469				
1146-65-2	Naphthalene-d8	926214	10.234				
15067-26-2	Acenaphthene-d10	582939	14.11				
1517-22-2	Phenanthrene-d10	1116314	16.857				
1719-03-5	Chrysene-d12	781449	21.068				
1520-96-3	Perylene-d12	718868	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	120	J			11.039	
E966796	Total Alkanes	55	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C4	SDG No.:	BM060424
Lab Sample ID:	P2589-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BM045821.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.7	78	ug/Kg
100-52-7	Benzaldehyde	87	U	87	95.9	380	ug/Kg
110-86-1	Pyridine	50	U	50	190	380	ug/Kg
108-95-2	Phenol	41	U	41	95.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	95.9	380	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.4	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	95.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	95.9	380	ug/Kg
98-86-2	Acetophenone	44	U	44	95.9	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	95.9	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	49.4	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49.4	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49.4	200	ug/Kg
78-59-1	Isophorone	40	U	40	49.4	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	49.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	49.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	49.4	200	ug/Kg
91-20-3	Naphthalene	40	U	40	49.4	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49.4	200	ug/Kg
105-60-2	Caprolactam	140	U	140	95.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	49.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	49.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	92	U	92	95.9	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	49.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C4	SDG No.:	BM060424
Lab Sample ID:	P2589-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BM045821.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	49.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49.4	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.4	200	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	49.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	49.4	200	ug/Kg
208-96-8	Acenaphthylene	50	U	50	49.4	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	95.9	380	ug/Kg
83-32-9	Acenaphthene	48	U	48	49.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	95.9	380	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	95.9	380	ug/Kg
132-64-9	Dibenzofuran	53	U	53	49.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	49.4	200	ug/Kg
84-66-2	Diethylphthalate	70	U	70	49.4	200	ug/Kg
86-73-7	Fluorene	52	U	52	49.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49.4	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	95.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	95.9	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	49.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	49.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	49.4	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.4	200	ug/Kg
1912-24-9	Atrazine	45	U	45	95.9	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.9	380	ug/Kg
85-01-8	Phenanthrene	340		51	49.4	200	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	49.4	200	ug/Kg
120-12-7	Anthracene	57	J	50	49.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	49.4	200	ug/Kg
86-74-8	Carbazole	52	U	52	95.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	49.4	200	ug/Kg
206-44-0	Fluoranthene	710		51	95.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C4	SDG No.:	BM060424
Lab Sample ID:	P2589-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BM045821.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	670		51	49.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	41	J	37	49.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	95.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	320		45	49.4	200	ug/Kg
218-01-9	Chrysene	400		52	49.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	220		51	49.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	95.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	520		49	49.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	52	49.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	350		49	49.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	200		43	49.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	64	J	43	49.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200		41	49.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	49.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.333		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	11.812		20-120		30	SPK: -40
4165-62-2	Phenol-d5	25.753		10-130		64	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.342		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.309		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	21.172		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	26.748		10-135		67	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.956		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.17		10-140		65	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.657		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.712		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	27.764		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.579		10-150		41	SPK: -40
81103-79-9	Fluorene-d10	29.186		20-140		73	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C4	SDG No.:	BM060424
Lab Sample ID:	P2589-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BM045821.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.048		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	28.183		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	29.138		10-130		73	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.132		10-140		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	250933	7.469				
1146-65-2	Naphthalene-d8	1063873	10.233				
15067-26-2	Acenaphthene-d10	661548	14.11				
1517-22-2	Phenanthrene-d10	1370636	16.851				
1719-03-5	Chrysene-d12	1170413	21.062				
1520-96-3	Perylene-d12	1031769	23.785				
TENTATIVE IDENTIFIED COMPOUNDS							
000079-39-0	Methacrylamide	200	J			3.551	
000832-69-9	Phenanthrene, 1-methyl-	85	J			17.727	
000613-12-7	Anthracene, 2-methyl-	220	J			17.78	
	unknown-01	130	J			17.915	
003674-69-9	Phenanthrene, 4,5-dimethyl-	95	J			18.656	
005737-13-3	Cyclopenta(def)phenanthrenone	92	J			18.797	
	(DEL) Alkane: Straight-Chain20.780	160	J			20.78	
1000382-90-9	Carbonic acid, prop-1-en-2-yl tetr	79	J			22.35	
000198-55-0	Perylene	210	J			23.538	
	(DEL) Alkane: Straight-Chain24.685	110	J			24.685	
E966796	Total Alkanes	270				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C5	SDG No.:	BM060424
Lab Sample ID:	P2589-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045822.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.4	75	ug/Kg
100-52-7	Benzaldehyde	84	U	84	92.3	370	ug/Kg
110-86-1	Pyridine	48	U	48	180	370	ug/Kg
108-95-2	Phenol	39	U	39	92.3	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	92.3	370	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	47.5	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	92.3	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	30	U	30	92.3	370	ug/Kg
98-86-2	Acetophenone	43	U	43	92.3	370	ug/Kg
106-44-5	4-Methylphenol	36	U	36	92.3	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	32	U	32	47.5	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	47.5	190	ug/Kg
98-95-3	Nitrobenzene	40	U	40	47.5	190	ug/Kg
78-59-1	Isophorone	38	U	38	47.5	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	47.5	190	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	47.5	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	47.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	47.5	190	ug/Kg
91-20-3	Naphthalene	38	U	38	47.5	190	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	47.5	370	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	47.5	190	ug/Kg
105-60-2	Caprolactam	130	U	130	92.3	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31	U	31	47.5	190	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	47.5	190	ug/Kg
91-57-6	2-Methylnaphthalene	41	U	41	47.5	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	88	U	88	92.3	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48	U	48	47.5	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	47.5	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C5	SDG No.:	BM060424
Lab Sample ID:	P2589-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045822.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	47.5	190	ug/Kg
91-58-7	2-Chloronaphthalene	50	U	50	47.5	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	47.5	190	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	47.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	47.5	190	ug/Kg
208-96-8	Acenaphthylene	48	U	48	47.5	190	ug/Kg
99-09-2	3-Nitroaniline	22	U	22	92.3	370	ug/Kg
83-32-9	Acenaphthene	46	U	46	47.5	190	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	92.3	370	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	92.3	370	ug/Kg
132-64-9	Dibenzofuran	51	U	51	47.5	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	30	U	30	47.5	190	ug/Kg
84-66-2	Diethylphthalate	67	U	67	47.5	190	ug/Kg
86-73-7	Fluorene	50	U	50	47.5	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	47.5	190	ug/Kg
100-01-6	4-Nitroaniline	47	U	47	92.3	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	92.3	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	47.5	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	47.5	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	50	U	50	47.5	190	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	47.5	190	ug/Kg
1912-24-9	Atrazine	44	U	44	92.3	370	ug/Kg
87-86-5	Pentachlorophenol	97	U	97	92.3	370	ug/Kg
85-01-8	Phenanthrene	49	U	49	47.5	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	47.5	190	ug/Kg
120-12-7	Anthracene	48	U	48	47.5	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	37	U	37	47.5	190	ug/Kg
86-74-8	Carbazole	50	U	50	92.3	370	ug/Kg
84-74-2	Di-n-butylphthalate	47	U	47	47.5	190	ug/Kg
206-44-0	Fluoranthene	100	J	49	92.3	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C5	SDG No.:	BM060424
Lab Sample ID:	P2589-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045822.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	96	J	49	47.5	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	47.5	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	92.3	370	ug/Kg
56-55-3	Benzo(a)anthracene	52	J	44	47.5	190	ug/Kg
218-01-9	Chrysene	62	J	50	47.5	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	49	U	49	47.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	38	U	38	92.3	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	77	J	47	47.5	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	U	50	47.5	190	ug/Kg
50-32-8	Benzo(a)pyrene	54	J	47	47.5	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41	U	41	47.5	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	41	U	41	47.5	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	47.5	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41	U	41	47.5	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.987		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	14.189		20-120		35	SPK: -40
4165-62-2	Phenol-d5	19.289		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.373		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.506		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	20.01		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	19.743		10-135		49	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.662		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.422		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.774		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.075		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	20.933		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.156		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	21.9		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C5	SDG No.:	BM060424
Lab Sample ID:	P2589-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	10.9
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045822.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.753		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	22.639		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	22.195		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.873		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	263485	7.463				
1146-65-2	Naphthalene-d8	1117319	10.234				
15067-26-2	Acenaphthene-d10	708931	14.11				
1517-22-2	Phenanthrene-d10	1420024	16.857				
1719-03-5	Chrysene-d12	1232399	21.068				
1520-96-3	Perylene-d12	1173358	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	20.786	87	J		20.786	
E966796	Total Alkanes		87			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C6	SDG No.:	BM060424
Lab Sample ID:	P2589-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.2
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
BM045823.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.6	77	ug/Kg
100-52-7	Benzaldehyde	86	U	86	94.7	380	ug/Kg
110-86-1	Pyridine	49	U	49	190	380	ug/Kg
108-95-2	Phenol	40	U	40	94.7	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	94.7	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.8	200	ug/Kg
95-48-7	2-Methylphenol	34	U	34	94.7	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	94.7	380	ug/Kg
98-86-2	Acetophenone	44	U	44	94.7	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	94.7	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	48.8	200	ug/Kg
67-72-1	Hexachloroethane	26	U	26	48.8	200	ug/Kg
98-95-3	Nitrobenzene	41	U	41	48.8	200	ug/Kg
78-59-1	Isophorone	39	U	39	48.8	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	48.8	200	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	48.8	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	48.8	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	48.8	200	ug/Kg
91-20-3	Naphthalene	39	U	39	48.8	200	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	48.8	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	48.8	200	ug/Kg
105-60-2	Caprolactam	140	U	140	94.7	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	48.8	200	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	48.8	200	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.8	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	91	U	91	94.7	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	48.8	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	48.8	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C6	SDG No.:	BM060424
Lab Sample ID:	P2589-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.2
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
BM045823.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	48.8	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	48.8	200	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.8	200	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	48.8	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	48.8	200	ug/Kg
208-96-8	Acenaphthylene	49	U	49	48.8	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	94.7	380	ug/Kg
83-32-9	Acenaphthene	47	U	47	48.8	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	94.7	380	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	94.7	380	ug/Kg
132-64-9	Dibenzofuran	53	U	53	48.8	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	48.8	200	ug/Kg
84-66-2	Diethylphthalate	69	U	69	48.8	200	ug/Kg
86-73-7	Fluorene	52	U	52	48.8	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	48.8	200	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	94.7	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	94.7	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	48.8	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	48.8	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	48.8	200	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.8	200	ug/Kg
1912-24-9	Atrazine	45	U	45	94.7	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	94.7	380	ug/Kg
85-01-8	Phenanthrene	51	U	51	48.8	200	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	48.8	200	ug/Kg
120-12-7	Anthracene	49	U	49	48.8	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	48.8	200	ug/Kg
86-74-8	Carbazole	52	U	52	94.7	380	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	48.8	200	ug/Kg
206-44-0	Fluoranthene	51	U	51	94.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C6	SDG No.:	BM060424
Lab Sample ID:	P2589-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.2
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
BM045823.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	48.8	200	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	48.8	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	94.7	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	48.8	200	ug/Kg
218-01-9	Chrysene	52	U	52	48.8	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	48.8	200	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	94.7	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	48.8	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	48.8	200	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	48.8	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	48.8	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	48.8	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	48.8	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	48.8	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.983		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	7.659	*	20-120		19	SPK: -40
4165-62-2	Phenol-d5	13.92		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.843		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.512		15-120		36	SPK: -40
190780-66-6	4-Methylphenol-d8	13.801		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	14.45		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.906		10-120		35	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.466		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.693		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.21		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	16.177		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.295		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	17.141		20-140		43	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C6	SDG No.:	BM060424
Lab Sample ID:	P2589-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.2
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
BM045823.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.702		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	17.542		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	16.99		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.593		10-140		46	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	240742	7.469				
1146-65-2	Naphthalene-d8	1002300	10.234				
15067-26-2	Acenaphthene-d10	625934	14.11				
1517-22-2	Phenanthrene-d10	1277419	16.857				
1719-03-5	Chrysene-d12	1146497	21.063				
1520-96-3	Perylene-d12	1136100	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	55	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C7	SDG No.:	BM060424
Lab Sample ID:	P2589-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045824.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.7	78	ug/Kg
100-52-7	Benzaldehyde	87	U	87	95.9	380	ug/Kg
110-86-1	Pyridine	50	U	50	190	380	ug/Kg
108-95-2	Phenol	41	U	41	95.9	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	95.9	380	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.4	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	95.9	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	95.9	380	ug/Kg
98-86-2	Acetophenone	44	U	44	95.9	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	95.9	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	49.4	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49.4	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49.4	200	ug/Kg
78-59-1	Isophorone	40	U	40	49.4	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49.4	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	49.4	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	49.4	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	49.4	200	ug/Kg
91-20-3	Naphthalene	40	U	40	49.4	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49.4	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49.4	200	ug/Kg
105-60-2	Caprolactam	140	U	140	95.9	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	49.4	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	49.4	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.4	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	92	U	92	95.9	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49.4	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	49.4	200	ug/Kg



Client:				Date Collected:	5/22/2024 12:00:00 AM	
Project:				Date Received:	5/22/2024 12:00:00 AM	
Client Sample ID:	BH6C7			SDG No.:	BM060424	
Lab Sample ID:	P2589-13			Matrix:	Solid	
Analytical Method:	SFAM_SVOC			% Moisture:	14.3	
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045824.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	49.4	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49.4	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.4	200	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	49.4	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	49.4	200	ug/Kg
208-96-8	Acenaphthylene	50	U	50	49.4	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	95.9	380	ug/Kg
83-32-9	Acenaphthene	48	U	48	49.4	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	95.9	380	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	95.9	380	ug/Kg
132-64-9	Dibenzofuran	53	U	53	49.4	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	49.4	200	ug/Kg
84-66-2	Diethylphthalate	70	U	70	49.4	200	ug/Kg
86-73-7	Fluorene	52	U	52	49.4	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49.4	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	95.9	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	95.9	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	49.4	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	49.4	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	49.4	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.4	200	ug/Kg
1912-24-9	Atrazine	45	U	45	95.9	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.9	380	ug/Kg
85-01-8	Phenanthrene	110	J	51	49.4	200	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	49.4	200	ug/Kg
120-12-7	Anthracene	50	U	50	49.4	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	49.4	200	ug/Kg
86-74-8	Carbazole	52	U	52	95.9	380	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	49.4	200	ug/Kg
206-44-0	Fluoranthene	170	J	51	95.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C7	SDG No.:	BM060424
Lab Sample ID:	P2589-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045824.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	J	51	49.4	200	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	49.4	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	95.9	380	ug/Kg
56-55-3	Benzo(a)anthracene	78	J	45	49.4	200	ug/Kg
218-01-9	Chrysene	91	J	52	49.4	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	49.4	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	95.9	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	49	49.4	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	49.4	200	ug/Kg
50-32-8	Benzo(a)pyrene	73	J	49	49.4	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	49.4	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	49.4	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	J	41	49.4	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	49.4	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.654		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	10.487		20-120		26	SPK: -40
4165-62-2	Phenol-d5	17.02		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.917		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.765		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	16.347		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	18.137		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.498		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.963		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.508		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.826		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	19.414		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.599		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	20.715		20-140		52	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C7	SDG No.:	BM060424
Lab Sample ID:	P2589-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045824.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.364		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	20.922		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	20.722		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.089		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	250944	7.469				
1146-65-2	Naphthalene-d8	1053263	10.233				
15067-26-2	Acenaphthene-d10	656363	14.11				
1517-22-2	Phenanthrene-d10	1330551	16.857				
1719-03-5	Chrysene-d12	1195217	21.062				
1520-96-3	Perylene-d12	1148101	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	110	J			17.786	
1000351-81-2	Hexacosyl pentafluoropropionate	84	J			20.786	
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	130	J			22.092	
E966796	Total Alkanes	56	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C8	SDG No.:	BM060424
Lab Sample ID:	P2589-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
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
BM045825.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	8.6	87	ug/Kg
100-52-7	Benzaldehyde	98	U	98	110	430	ug/Kg
110-86-1	Pyridine	56	U	56	210	430	ug/Kg
108-95-2	Phenol	46	U	46	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	110	430	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	55.3	220	ug/Kg
95-48-7	2-Methylphenol	39	U	39	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	110	430	ug/Kg
98-86-2	Acetophenone	49	U	49	110	430	ug/Kg
106-44-5	4-Methylphenol	42	U	42	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	38	U	38	55.3	220	ug/Kg
67-72-1	Hexachloroethane	30	U	30	55.3	220	ug/Kg
98-95-3	Nitrobenzene	47	U	47	55.3	220	ug/Kg
78-59-1	Isophorone	44	U	44	55.3	220	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	55.3	220	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	55.3	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	55.3	220	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	55.3	220	ug/Kg
91-20-3	Naphthalene	44	U	44	55.3	220	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	55.3	430	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	55.3	220	ug/Kg
105-60-2	Caprolactam	160	U	160	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	55.3	220	ug/Kg
90-12-0	1-Methylnaphthalene	53	U	53	55.3	220	ug/Kg
91-57-6	2-Methylnaphthalene	48	U	48	55.3	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	55.3	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	55.3	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C8	SDG No.:	BM060424
Lab Sample ID:	P2589-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
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
BM045825.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	63	U	63	55.3	220	ug/Kg
91-58-7	2-Chloronaphthalene	59	U	59	55.3	220	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	55.3	220	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	55.3	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	55.3	220	ug/Kg
208-96-8	Acenaphthylene	56	U	56	55.3	220	ug/Kg
99-09-2	3-Nitroaniline	26	U	26	110	430	ug/Kg
83-32-9	Acenaphthene	53	U	53	55.3	220	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	110	430	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	110	430	ug/Kg
132-64-9	Dibenzofuran	60	U	60	55.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	55.3	220	ug/Kg
84-66-2	Diethylphthalate	78	U	78	55.3	220	ug/Kg
86-73-7	Fluorene	59	U	59	55.3	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	55.3	220	ug/Kg
100-01-6	4-Nitroaniline	55	U	55	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	21	U	21	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	55.3	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	66	U	66	55.3	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	59	U	59	55.3	220	ug/Kg
118-74-1	Hexachlorobenzene	65	U	65	55.3	220	ug/Kg
1912-24-9	Atrazine	51	U	51	110	430	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	430	ug/Kg
85-01-8	Phenanthrene	440		57	55.3	220	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	55.3	220	ug/Kg
120-12-7	Anthracene	63	J	56	55.3	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	43	U	43	55.3	220	ug/Kg
86-74-8	Carbazole	69	J	59	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	55	U	55	55.3	220	ug/Kg
206-44-0	Fluoranthene	990		57	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C8	SDG No.:	BM060424
Lab Sample ID:	P2589-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
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
BM045825.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	860		57	55.3	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	J	42	55.3	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	390		51	55.3	220	ug/Kg
218-01-9	Chrysene	520		59	55.3	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	300		57	55.3	220	ug/Kg
117-84-0	Di-n-octyl phthalate	44	U	44	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	650		55	55.3	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	210	J	59	55.3	220	ug/Kg
50-32-8	Benzo(a)pyrene	410		55	55.3	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	320		48	55.3	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	100	J	48	55.3	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	330		46	55.3	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	55.3	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.837		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	7.189	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	19.035		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.801		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.002		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	16.224		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	20.182		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.212		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.368		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	3.495		1-145		9	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.836		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	20.801		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.892		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	21.195		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C8	SDG No.:	BM060424
Lab Sample ID:	P2589-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	23.2
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
BM045825.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.139		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	21.185		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	23.318		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.893		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	316048	7.463				
1146-65-2	Naphthalene-d8	1290200	10.234				
15067-26-2	Acenaphthene-d10	734010	14.11				
1517-22-2	Phenanthrene-d10	1260496	16.857				
1719-03-5	Chrysene-d12	862776	21.062				
1520-96-3	Perylene-d12	951759	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000949-41-7	1H-Cyclopropa[1]phenanthrene,1a,9b	280	J			17.78	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	130	J			17.915	
000084-65-1	9,10-Anthracenedione	130	J			18.274	
E966796	Total Alkanes	63	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C9	SDG No.:	BM060424
Lab Sample ID:	P2589-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
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
BM045826.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.1	82	ug/Kg
100-52-7	Benzaldehyde	92	U	92	100	400	ug/Kg
110-86-1	Pyridine	53	U	53	200	400	ug/Kg
108-95-2	Phenol	43	U	43	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	52.1	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	100	400	ug/Kg
98-86-2	Acetophenone	47	U	47	100	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	52.1	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	52.1	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	52.1	210	ug/Kg
78-59-1	Isophorone	42	U	42	52.1	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	52.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	52.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	52.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	52.1	210	ug/Kg
91-20-3	Naphthalene	42	U	42	52.1	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	52.1	400	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	52.1	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	52.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	52.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	52.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	52.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	52.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C9	SDG No.:	BM060424
Lab Sample ID:	P2589-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
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
BM045826.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	52.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	52.1	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.1	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	52.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52.1	210	ug/Kg
208-96-8	Acenaphthylene	53	U	53	52.1	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	400	ug/Kg
83-32-9	Acenaphthene	50	U	50	52.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	400	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	100	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	52.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	52.1	210	ug/Kg
84-66-2	Diethylphthalate	74	U	74	52.1	210	ug/Kg
86-73-7	Fluorene	55	U	55	52.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	52.1	210	ug/Kg
100-01-6	4-Nitroaniline	52	U	52	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	52.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	52.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	52.1	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	52.1	210	ug/Kg
1912-24-9	Atrazine	48	U	48	100	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	400	ug/Kg
85-01-8	Phenanthrene	280		54	52.1	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	52.1	210	ug/Kg
120-12-7	Anthracene	53	U	53	52.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	52.1	210	ug/Kg
86-74-8	Carbazole	55	U	55	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	52.1	210	ug/Kg
206-44-0	Fluoranthene	630		54	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C9	SDG No.:	BM060424
Lab Sample ID:	P2589-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
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
BM045826.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	520		54	52.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	64	J	39	52.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	200	J	48	52.1	210	ug/Kg
218-01-9	Chrysene	290		55	52.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	200	J	54	52.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	360		52	52.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	55	52.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	220		52	52.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170	J	45	52.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	55	J	45	52.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180	J	43	52.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	52.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.658		15-120		46	SPK: -8
7291-22-7	Pyridine-d5	10.075		20-120		25	SPK: -40
4165-62-2	Phenol-d5	23.574		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.967		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.62		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	18.162		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	25.085		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.181		10-120		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.446		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	7.823		1-145		20	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.364		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.302		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.521		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	26.141		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6C9	SDG No.:	BM060424
Lab Sample ID:	P2589-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.5
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
BM045826.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.223		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	25.964		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	31.648		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.715		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	351808	7.463				
1146-65-2	Naphthalene-d8	1470976	10.233				
15067-26-2	Acenaphthene-d10	905127	14.11				
1517-22-2	Phenanthrene-d10	1712699	16.856				
1719-03-5	Chrysene-d12	1025848	21.062				
1520-96-3	Perylene-d12	1040007	23.785				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	330	J			17.786	
000057-11-4	Octadecanoic acid	110	J			19.068	
E966796	Total Alkanes	59	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D0	SDG No.:	BM060424
Lab Sample ID:	P2589-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.7
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
BM045827.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.7	78	ug/Kg
100-52-7	Benzaldehyde	88	U	88	96.4	390	ug/Kg
110-86-1	Pyridine	50	U	50	190	390	ug/Kg
108-95-2	Phenol	41	U	41	96.4	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	96.4	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.7	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	96.4	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	96.4	390	ug/Kg
98-86-2	Acetophenone	44	U	44	96.4	390	ug/Kg
106-44-5	4-Methylphenol	37	U	37	96.4	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	49.7	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49.7	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49.7	200	ug/Kg
78-59-1	Isophorone	40	U	40	49.7	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49.7	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	49.7	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	49.7	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	49.7	200	ug/Kg
91-20-3	Naphthalene	40	U	40	49.7	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49.7	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49.7	200	ug/Kg
105-60-2	Caprolactam	140	U	140	96.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	49.7	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	49.7	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.7	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	92	U	92	96.4	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49.7	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	49.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D0	SDG No.:	BM060424
Lab Sample ID:	P2589-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.7
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
BM045827.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	49.7	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	49.7	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.7	200	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	49.7	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	49.7	200	ug/Kg
208-96-8	Acenaphthylene	50	U	50	49.7	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	96.4	390	ug/Kg
83-32-9	Acenaphthene	48	U	48	49.7	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	96.4	390	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	96.4	390	ug/Kg
132-64-9	Dibenzofuran	54	U	54	49.7	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	49.7	200	ug/Kg
84-66-2	Diethylphthalate	70	U	70	49.7	200	ug/Kg
86-73-7	Fluorene	53	U	53	49.7	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49.7	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	96.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	96.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	49.7	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	49.7	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	49.7	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.7	200	ug/Kg
1912-24-9	Atrazine	46	U	46	96.4	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.4	390	ug/Kg
85-01-8	Phenanthrene	66	J	51	49.7	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	49.7	200	ug/Kg
120-12-7	Anthracene	50	U	50	49.7	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	49.7	200	ug/Kg
86-74-8	Carbazole	53	U	53	96.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	49.7	200	ug/Kg
206-44-0	Fluoranthene	150	J	51	96.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D0	SDG No.:	BM060424
Lab Sample ID:	P2589-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.7
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
BM045827.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	130	J	51	49.7	200	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	49.7	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	96.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	71	J	46	49.7	200	ug/Kg
218-01-9	Chrysene	81	J	53	49.7	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	49.7	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	96.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	J	49	49.7	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	49.7	200	ug/Kg
50-32-8	Benzo(a)pyrene	73	J	49	49.7	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	J	43	49.7	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	49.7	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	54	J	41	49.7	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	49.7	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.094		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	16.058		20-120		40	SPK: -40
4165-62-2	Phenol-d5	22.045		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.794		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.589		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	21.653		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	21.708		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.537		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.197		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.384		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.909		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	23.73		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.665		10-150		44	SPK: -40
81103-79-9	Fluorene-d10	24.851		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D0	SDG No.:	BM060424
Lab Sample ID:	P2589-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.7
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
BM045827.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.473		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	24.926		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	26.221		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.247		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	303227	7.463				
1146-65-2	Naphthalene-d8	1285905	10.233				
15067-26-2	Acenaphthene-d10	788664	14.11				
1517-22-2	Phenanthrene-d10	1578131	16.857				
1719-03-5	Chrysene-d12	1197167	21.062				
1520-96-3	Perylene-d12	1047177	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	290	J			17.786	
001002-84-2	Pentadecanoic acid	85	J			19.068	
	(DEL) Alkane: Straight-Chain	20.780	J			20.78	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D1	SDG No.:	BM060424
Lab Sample ID:	P2589-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045828.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.5	76	ug/Kg
100-52-7	Benzaldehyde	85	U	85	93.4	370	ug/Kg
110-86-1	Pyridine	49	U	49	190	370	ug/Kg
108-95-2	Phenol	40	U	40	93.4	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	93.4	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.1	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	93.4	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	93.4	370	ug/Kg
98-86-2	Acetophenone	43	U	43	93.4	370	ug/Kg
106-44-5	4-Methylphenol	36	U	36	93.4	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	48.1	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	48.1	190	ug/Kg
98-95-3	Nitrobenzene	41	U	41	48.1	190	ug/Kg
78-59-1	Isophorone	39	U	39	48.1	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	48.1	190	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	48.1	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	48.1	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.1	190	ug/Kg
91-20-3	Naphthalene	39	U	39	48.1	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	48.1	370	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	48.1	190	ug/Kg
105-60-2	Caprolactam	140	U	140	93.4	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	48.1	190	ug/Kg
90-12-0	1-Methylnaphthalene	46	U	46	48.1	190	ug/Kg
91-57-6	2-Methylnaphthalene	42	U	42	48.1	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	89	U	89	93.4	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	48.1	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	48.1	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D1	SDG No.:	BM060424
Lab Sample ID:	P2589-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045828.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	48.1	190	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	48.1	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.1	190	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	48.1	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	48.1	190	ug/Kg
208-96-8	Acenaphthylene	49	U	49	48.1	190	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	93.4	370	ug/Kg
83-32-9	Acenaphthene	46	U	46	48.1	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	93.4	370	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	93.4	370	ug/Kg
132-64-9	Dibenzofuran	52	U	52	48.1	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	48.1	190	ug/Kg
84-66-2	Diethylphthalate	68	U	68	48.1	190	ug/Kg
86-73-7	Fluorene	51	U	51	48.1	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	48.1	190	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	93.4	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	93.4	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	48.1	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	48.1	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	48.1	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.1	190	ug/Kg
1912-24-9	Atrazine	44	U	44	93.4	370	ug/Kg
87-86-5	Pentachlorophenol	99	U	99	93.4	370	ug/Kg
85-01-8	Phenanthrene	50	U	50	48.1	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	48.1	190	ug/Kg
120-12-7	Anthracene	49	U	49	48.1	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	37	U	37	48.1	190	ug/Kg
86-74-8	Carbazole	51	U	51	93.4	370	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	48.1	190	ug/Kg
206-44-0	Fluoranthene	97	J	50	93.4	190	ug/Kg



Client:			Date Collected:	5/22/2024 12:00:00 AM		
Project:			Date Received:	5/22/2024 12:00:00 AM		
Client Sample ID:	BH6D1		SDG No.:	BM060424		
Lab Sample ID:	P2589-17		Matrix:	Solid		
Analytical Method:	SFAM_SVOC		% Moisture:	11.7		
Sample Wt/Vol:	30	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :		Decanted :		Level :	LOW	
Injection Volume :		GPC Factor :		GPC Cleanup :		PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045828.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	85	J	50	48.1	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	48.1	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	93.4	370	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	48.1	190	ug/Kg
218-01-9	Chrysene	51	U	51	48.1	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	48.1	190	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	93.4	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	62	J	48	48.1	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	48.1	190	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	48.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	48.1	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	48.1	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	48.1	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	48.1	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.178		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	16.592		20-120		41	SPK: -40
4165-62-2	Phenol-d5	22.239		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.144		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.162		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	22.327		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	22.016		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.058		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.751		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.185		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.889		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	25.541		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.998		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	27.445		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D1	SDG No.:	BM060424
Lab Sample ID:	P2589-17	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	11.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045828.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.485		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	28.36		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	30.885		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.677		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	273770	7.463				
1146-65-2	Naphthalene-d8	1173354	10.234				
15067-26-2	Acenaphthene-d10	740950	14.11				
1517-22-2	Phenanthrene-d10	1484112	16.857				
1719-03-5	Chrysene-d12	1092429	21.062				
1520-96-3	Perylene-d12	948059	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	180	J			17.786	
	(DEL) Alkane: Straight-Chain	20.780	J			20.78	
	(DEL) Alkane: Straight-Chain	22.351	J			22.351	
E966796	Total Alkanes	220				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D2	SDG No.:	BM060424
Lab Sample ID:	P2589-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BM045829.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.7	78	ug/Kg
100-52-7	Benzaldehyde	87	U	87	96.2	380	ug/Kg
110-86-1	Pyridine	50	U	50	190	380	ug/Kg
108-95-2	Phenol	41	U	41	96.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	96.2	380	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.5	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	96.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	96.2	380	ug/Kg
98-86-2	Acetophenone	44	U	44	96.2	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	96.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	49.5	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49.5	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49.5	200	ug/Kg
78-59-1	Isophorone	40	U	40	49.5	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	49.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	49.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	49.5	200	ug/Kg
91-20-3	Naphthalene	40	U	40	49.5	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49.5	200	ug/Kg
105-60-2	Caprolactam	140	U	140	96.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	49.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	49.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	92	U	92	96.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	49.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D2	SDG No.:	BM060424
Lab Sample ID:	P2589-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BM045829.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	49.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49.5	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.5	200	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	49.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	49.5	200	ug/Kg
208-96-8	Acenaphthylene	50	U	50	49.5	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	96.2	380	ug/Kg
83-32-9	Acenaphthene	48	U	48	49.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	96.2	380	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	96.2	380	ug/Kg
132-64-9	Dibenzofuran	54	U	54	49.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	49.5	200	ug/Kg
84-66-2	Diethylphthalate	70	U	70	49.5	200	ug/Kg
86-73-7	Fluorene	52	U	52	49.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49.5	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	96.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	96.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	49.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	49.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	49.5	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.5	200	ug/Kg
1912-24-9	Atrazine	45	U	45	96.2	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.2	380	ug/Kg
85-01-8	Phenanthrene	51	U	51	49.5	200	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	49.5	200	ug/Kg
120-12-7	Anthracene	50	U	50	49.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	49.5	200	ug/Kg
86-74-8	Carbazole	52	U	52	96.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	49.5	200	ug/Kg
206-44-0	Fluoranthene	78	J	51	96.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D2	SDG No.:	BM060424
Lab Sample ID:	P2589-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BM045829.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	71	J	51	49.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	49.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	96.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	49.5	200	ug/Kg
218-01-9	Chrysene	52	U	52	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	49.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	96.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	60	J	49	49.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	49.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	49.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	49.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	49.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	49.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	49.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.6		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	13.076		20-120		33	SPK: -40
4165-62-2	Phenol-d5	17.556		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.419		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.57		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	17.197		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	18.252		10-135		46	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.104		10-120		48	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.771		10-140		47	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.555		1-145		44	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.483		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	20.745		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.295		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	21.239		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D2	SDG No.:	BM060424
Lab Sample ID:	P2589-18	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BM045829.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.29		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	21.846		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	23.022		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.18		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	311835	7.463				
1146-65-2	Naphthalene-d8	1296544	10.233				
15067-26-2	Acenaphthene-d10	752351	14.11				
1517-22-2	Phenanthrene-d10	1320647	16.857				
1719-03-5	Chrysene-d12	917545	21.062				
1520-96-3	Perylene-d12	1016181	23.785				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	120	J			17.786	
	(DEL) Alkane: Straight-Chain	20.780	J			20.78	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D3	SDG No.:	BM060424
Lab Sample ID:	P2589-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
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
BM045830.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.4	85	ug/Kg
100-52-7	Benzaldehyde	95	U	95	100	420	ug/Kg
110-86-1	Pyridine	55	U	55	210	420	ug/Kg
108-95-2	Phenol	44	U	44	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	420	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	53.9	220	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	420	ug/Kg
98-86-2	Acetophenone	48	U	48	100	420	ug/Kg
106-44-5	4-Methylphenol	41	U	41	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	53.9	220	ug/Kg
67-72-1	Hexachloroethane	29	U	29	53.9	220	ug/Kg
98-95-3	Nitrobenzene	46	U	46	53.9	220	ug/Kg
78-59-1	Isophorone	43	U	43	53.9	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	53.9	220	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	53.9	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	53.9	220	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	53.9	220	ug/Kg
91-20-3	Naphthalene	43	U	43	53.9	220	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	53.9	420	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	53.9	220	ug/Kg
105-60-2	Caprolactam	150	U	150	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	53.9	220	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	53.9	220	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	53.9	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	53.9	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	53.9	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D3	SDG No.:	BM060424
Lab Sample ID:	P2589-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
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
BM045830.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	53.9	220	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	53.9	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.9	220	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	53.9	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	53.9	220	ug/Kg
208-96-8	Acenaphthylene	71	J	55	53.9	220	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	420	ug/Kg
83-32-9	Acenaphthene	74	J	52	53.9	220	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	420	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	100	420	ug/Kg
132-64-9	Dibenzofuran	67	J	58	53.9	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	53.9	220	ug/Kg
84-66-2	Diethylphthalate	76	U	76	53.9	220	ug/Kg
86-73-7	Fluorene	80	J	57	53.9	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	53.9	220	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	53.9	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	65	U	65	53.9	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	53.9	220	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.9	220	ug/Kg
1912-24-9	Atrazine	49	U	49	100	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	420	ug/Kg
85-01-8	Phenanthrene	1200		56	53.9	220	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.9	220	ug/Kg
120-12-7	Anthracene	210	J	55	53.9	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	53.9	220	ug/Kg
86-74-8	Carbazole	170	J	57	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	160	J	53	53.9	220	ug/Kg
206-44-0	Fluoranthene	2400		56	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D3	SDG No.:	BM060424
Lab Sample ID:	P2589-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
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
BM045830.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1900		56	53.9	220	ug/Kg
85-68-7	Butylbenzylphthalate	380		41	53.9	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	790		49	53.9	220	ug/Kg
218-01-9	Chrysene	1000		57	53.9	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		56	53.9	220	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		53	53.9	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	420		57	53.9	220	ug/Kg
50-32-8	Benzo(a)pyrene	850		53	53.9	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	580		47	53.9	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180	J	47	53.9	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	580		44	53.9	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	53.9	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.285		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	11.295		20-120		28	SPK: -40
4165-62-2	Phenol-d5	22.736		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.112		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.973		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	20.761		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	24.22		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.759		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.67		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.872		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.661		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	25.815		15-120		65	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.12		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	27.426		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D3	SDG No.:	BM060424
Lab Sample ID:	P2589-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
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
BM045830.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.243		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	28.315		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	33.723		10-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.163		10-140		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	305141	7.463				
1146-65-2	Naphthalene-d8	1296619	10.234				
15067-26-2	Acenaphthene-d10	812543	14.11				
1517-22-2	Phenanthrene-d10	1628509	16.851				
1719-03-5	Chrysene-d12	1043856	21.062				
1520-96-3	Perylene-d12	993030	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000486-25-9	9H-Fluoren-9-one	120	J			16.516	
000132-65-0	Dibenzothiophene	99	J			16.669	
002531-84-2	Phenanthrene, 2-methyl-	180	J			17.727	
000832-69-9	Phenanthrene, 1-methyl-	500	J			17.78	
000090-60-8	Benzaldehyde, 3,5-dichloro-2-hydro	270	J			17.916	
000779-02-2	Anthracene, 9-methyl-	130	J			17.957	
006572-60-7	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4	110	J			18.233	
000084-65-1	9,10-Anthracenedione	310	J			18.274	
000081-84-5	Naphthalic anhydride	220	J			18.668	
005737-13-3	Cyclopenta(def)phenanthrenone	200	J			18.798	
000243-17-4	11H-Benzo[b]fluorene	140	J			19.61	
002381-21-7	Pyrene, 1-methyl-	89	J			19.78	
003442-78-2	Pyrene, 2-methyl-	130	J			19.933	
000479-79-8	11H-Benzo[a]fluoren-11-one	130	J			20.527	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	100	J			20.692	
027208-37-3	Cyclopenta[cd]pyrene	190	J			20.774	
000082-05-3	7H-Benz[de]anthracen-7-one	120	J			20.827	

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D3	SDG No.:	BM060424
Lab Sample ID:	P2589-19	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.2
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
BM045830.D	1	5/26/2024 12:00:00 AM	6/4/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000396-75-6	cyclopent[hi]aceanthrylene-2,7-dio	93	J			21.768	
000192-97-2	Benzo[e]pyrene	550	J			23.539	
E966796	Total Alkanes	61	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SLCS139	SDG No.:	BM060424
Lab Sample ID:	PB161139BS	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
BM045831.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	410		13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	1600		75	82.5	330	ug/Kg
110-86-1	Pyridine	1200		43	170	330	ug/Kg
108-95-2	Phenol	1200		35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200		34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	1200		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	1300		30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1200		27	82.5	330	ug/Kg
98-86-2	Acetophenone	1200		38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	1300		32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1300		29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	1200		23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	1200		36	42.5	170	ug/Kg
78-59-1	Isophorone	1300		34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	1300		32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1200		38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		39	42.5	170	ug/Kg
91-20-3	Naphthalene	1200		34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	1100		43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	1200		34	42.5	170	ug/Kg
105-60-2	Caprolactam	1500		120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1400		28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	1200		41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	1200		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	830		79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400		43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400		42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SLCS139	SDG No.:	BM060424
Lab Sample ID:	PB161139BS	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
BM045831.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200		48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	1200		45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	1400		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	1300		42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	1200		43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	1600		20	82.5	330	ug/Kg
83-32-9	Acenaphthene	1200		41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	860		120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	1300		41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	1200		46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	1300		60	42.5	170	ug/Kg
86-73-7	Fluorene	1200		45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	1700		42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	990		16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1300		42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	1200		50	42.5	170	ug/Kg
1912-24-9	Atrazine	1300		39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	1300		87	82.5	330	ug/Kg
85-01-8	Phenanthrene	1200		44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	1200		51	42.5	170	ug/Kg
120-12-7	Anthracene	1200		43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200		33	42.5	170	ug/Kg
86-74-8	Carbazole	1300		45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	1400		42	42.5	170	ug/Kg
206-44-0	Fluoranthene	1500		44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SLCS139	SDG No.:	BM060424
Lab Sample ID:	PB161139BS	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
BM045831.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400		44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	1600		32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1300		23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	1200		39	42.5	170	ug/Kg
218-01-9	Chrysene	1200		45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	1100		42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400		37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300		37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300		35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.403		15-120		80	SPK: -8
7291-22-7	Pyridine-d5	35.029		20-120		88	SPK: -40
4165-62-2	Phenol-d5	38.435		10-130		96	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.777		10-150		92	SPK: -40
93951-73-6	2-Chlorophenol-d4	40.826		15-120		102	SPK: -40
190780-66-6	4-Methylphenol-d8	40.339		10-140		101	SPK: -40
4165-60-0	Nitrobenzene-d5	39.197		10-135		98	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.544		10-120		104	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	40.814		10-140		102	SPK: -40
191656-33-4	4-Chloroaniline-d4	39.271		1-145		98	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.708		10-145		102	SPK: -40
93951-97-4	Acenaphthylene-d8	39.396		15-120		98	SPK: -40
93951-79-2	4-Nitrophenol-d4	39.84		10-150		100	SPK: -40
81103-79-9	Fluorene-d10	38.36		20-140		96	SPK: -40

Report of Analysis

Client:		Date Collected:	5/26/2024 12:00:00 AM
Project:		Date Received:	5/26/2024 12:00:00 AM
Client Sample ID:	SLCS139	SDG No.:	BM060424
Lab Sample ID:	PB161139BS	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
BM045831.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.301		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	39.246		10-150		98	SPK: -40
1718-52-1	Pyrene-d10	45.47		10-130		114	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.764		10-140		102	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	300314	7.463				
1146-65-2	Naphthalene-d8	1300284	10.228				
15067-26-2	Acenaphthene-d10	793093	14.104				
1517-22-2	Phenanthrene-d10	1480213	16.851				
1719-03-5	Chrysene-d12	873569	21.068				
1520-96-3	Perylene-d12	895199	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	SBLK208	SDG No.:	BM060424
Lab Sample ID:	PB161208BL	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
BM045833.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13	U	13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	75	U	75	82.5	330	ug/Kg
110-86-1	Pyridine	43	U	43	170	330	ug/Kg
108-95-2	Phenol	35	U	35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	34	U	34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	30	U	30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	27	U	27	82.5	330	ug/Kg
98-86-2	Acetophenone	38	U	38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	32	U	32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	29	U	29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	23	U	23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	36	U	36	42.5	170	ug/Kg
78-59-1	Isophorone	34	U	34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	32	U	32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	28	U	28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	38	U	38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	39	U	39	42.5	170	ug/Kg
91-20-3	Naphthalene	34	U	34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	43	U	43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	34	U	34	42.5	170	ug/Kg
105-60-2	Caprolactam	120	U	120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	28	U	28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	41	U	41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	79	U	79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	43	U	43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	42	U	42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	SBLK208	SDG No.:	BM060424
Lab Sample ID:	PB161208BL	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
BM045833.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	48	U	48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	45	U	45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	42	U	42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	21	U	21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	43	U	43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	20	U	20	82.5	330	ug/Kg
83-32-9	Acenaphthene	41	U	41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	41	U	41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	46	U	46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	27	U	27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	60	U	60	42.5	170	ug/Kg
86-73-7	Fluorene	45	U	45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	47	U	47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	42	U	42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	16	U	16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	51	U	51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	45	U	45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	39	U	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	87	U	87	82.5	330	ug/Kg
85-01-8	Phenanthrene	44	U	44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	51	U	51	42.5	170	ug/Kg
120-12-7	Anthracene	43	U	43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	33	U	33	42.5	170	ug/Kg
86-74-8	Carbazole	45	U	45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	42	U	42	42.5	170	ug/Kg
206-44-0	Fluoranthene	44	U	44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	SBLK208	SDG No.:	BM060424
Lab Sample ID:	PB161208BL	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
BM045833.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.665		15-120		58	SPK: -8
7291-22-7	Pyridine-d5	24.616		20-120		62	SPK: -40
4165-62-2	Phenol-d5	26.326		10-130		66	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.295		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.985		15-120		70	SPK: -40
190780-66-6	4-Methylphenol-d8	27.454		10-140		69	SPK: -40
4165-60-0	Nitrobenzene-d5	27.95		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.359		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.762		10-140		67	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.247		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.105		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	27.881		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.421		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	27.058		20-140		68	SPK: -40

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	SBLK208	SDG No.:	BM060424
Lab Sample ID:	PB161208BL	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
BM045833.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.236		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	29.302		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	28.184		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.45		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	336781	7.463				
1146-65-2	Naphthalene-d8	1387763	10.234				
15067-26-2	Acenaphthene-d10	818163	14.11				
1517-22-2	Phenanthrene-d10	1455593	16.857				
1719-03-5	Chrysene-d12	1065431	21.062				
1520-96-3	Perylene-d12	1180291	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D4	SDG No.:	BM060424
Lab Sample ID:	P2589-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
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
BM045834.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.1	82	ug/Kg
100-52-7	Benzaldehyde	92	U	92	100	410	ug/Kg
110-86-1	Pyridine	53	U	53	200	410	ug/Kg
108-95-2	Phenol	43	U	43	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	410	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	52.2	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	100	410	ug/Kg
98-86-2	Acetophenone	47	U	47	100	410	ug/Kg
106-44-5	4-Methylphenol	39	U	39	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	52.2	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	52.2	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	52.2	210	ug/Kg
78-59-1	Isophorone	42	U	42	52.2	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	52.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	52.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	52.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	52.2	210	ug/Kg
91-20-3	Naphthalene	42	U	42	52.2	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	52.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	52.2	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	52.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	52.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	52.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	52.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	52.2	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D4	SDG No.:	BM060424
Lab Sample ID:	P2589-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
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
BM045834.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	52.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	52.2	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.2	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	52.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52.2	210	ug/Kg
208-96-8	Acenaphthylene	53	U	53	52.2	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	50	U	50	52.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	100	410	ug/Kg
132-64-9	Dibenzofuran	56	U	56	52.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	52.2	210	ug/Kg
84-66-2	Diethylphthalate	74	U	74	52.2	210	ug/Kg
86-73-7	Fluorene	55	U	55	52.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	52.2	210	ug/Kg
100-01-6	4-Nitroaniline	52	U	52	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	52.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	52.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	52.2	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	52.2	210	ug/Kg
1912-24-9	Atrazine	48	U	48	100	410	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	410	ug/Kg
85-01-8	Phenanthrene	630		54	52.2	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	52.2	210	ug/Kg
120-12-7	Anthracene	67	J	53	52.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	52.2	210	ug/Kg
86-74-8	Carbazole	88	J	55	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	460		52	52.2	210	ug/Kg
206-44-0	Fluoranthene	1100		54	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D4	SDG No.:	BM060424
Lab Sample ID:	P2589-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
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
BM045834.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	890		54	52.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	55	J	39	52.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	340		48	52.2	210	ug/Kg
218-01-9	Chrysene	540		55	52.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	J	54	52.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	670		52	52.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	240		55	52.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	440		52	52.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	350		45	52.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	J	45	52.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	360		43	52.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	52.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.088		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	8.563		20-120		21	SPK: -40
4165-62-2	Phenol-d5	19.212		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.967		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.243		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	18.183		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	21.004		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.579		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.859		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.293		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.865		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	21.847		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.852		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	22.017		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D4	SDG No.:	BM060424
Lab Sample ID:	P2589-20	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
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
BM045834.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.818		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	23.099		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	24.411		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.402		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	284865	7.463				
1146-65-2	Naphthalene-d8	1189176	10.233				
15067-26-2	Acenaphthene-d10	705495	14.11				
1517-22-2	Phenanthrene-d10	1235874	16.851				
1719-03-5	Chrysene-d12	868051	21.062				
1520-96-3	Perylene-d12	978974	23.78				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	110	J			3.546	
000486-25-9	9H-Fluoren-9-one	82	J			16.515	
000832-69-9	Phenanthrene, 1-methyl-	85	J			17.727	
002531-84-2	Phenanthrene, 2-methyl-	230	J			17.78	
004980-70-5	Propyne, 1,3-diphenyl-	120	J			17.915	
000084-65-1	9,10-Anthracenedione	200	J			18.274	
000081-84-5	Naphthalic anhydride	120	J			18.668	
005737-13-3	Cyclopenta(def)phenanthrenone	110	J			18.792	
000479-79-8	11H-Benzo[a]fluoren-11-one	98	J			20.527	
000225-51-4	Benz[c]acridine	130	J			20.78	
080252-14-8	6H-Benz[de]anthracen-6-one	92	J			20.827	
002498-66-0	Benz(a)anthracene-7,12-dione	90	J			21.768	
000192-97-2	Benzo[e]pyrene	320	J			23.533	
E966796	Total Alkanes	59	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D5	SDG No.:	BM060424
Lab Sample ID:	P2589-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BM045835.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.6	77	ug/Kg
100-52-7	Benzaldehyde	87	U	87	95.6	380	ug/Kg
110-86-1	Pyridine	50	U	50	190	380	ug/Kg
108-95-2	Phenol	41	U	41	95.6	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	95.6	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49.3	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	95.6	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	95.6	380	ug/Kg
98-86-2	Acetophenone	44	U	44	95.6	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	95.6	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	49.3	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49.3	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49.3	200	ug/Kg
78-59-1	Isophorone	39	U	39	49.3	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49.3	200	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	49.3	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	49.3	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	49.3	200	ug/Kg
91-20-3	Naphthalene	39	U	39	49.3	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49.3	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	49.3	200	ug/Kg
105-60-2	Caprolactam	140	U	140	95.6	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	49.3	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	49.3	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.3	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	92	U	92	95.6	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49.3	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	49.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D5	SDG No.:	BM060424
Lab Sample ID:	P2589-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BM045835.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	49.3	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49.3	200	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	49.3	200	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	49.3	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	49.3	200	ug/Kg
208-96-8	Acenaphthylene	50	U	50	49.3	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	95.6	380	ug/Kg
83-32-9	Acenaphthene	48	U	48	49.3	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	95.6	380	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	95.6	380	ug/Kg
132-64-9	Dibenzofuran	53	U	53	49.3	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	49.3	200	ug/Kg
84-66-2	Diethylphthalate	70	U	70	49.3	200	ug/Kg
86-73-7	Fluorene	52	U	52	49.3	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	49.3	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	95.6	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	95.6	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	49.3	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	49.3	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	49.3	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.3	200	ug/Kg
1912-24-9	Atrazine	45	U	45	95.6	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	95.6	380	ug/Kg
85-01-8	Phenanthrene	68	J	51	49.3	200	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	49.3	200	ug/Kg
120-12-7	Anthracene	50	U	50	49.3	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	49.3	200	ug/Kg
86-74-8	Carbazole	52	U	52	95.6	380	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	49.3	200	ug/Kg
206-44-0	Fluoranthene	120	J	51	95.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D5	SDG No.:	BM060424
Lab Sample ID:	P2589-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BM045835.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	100	J	51	49.3	200	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	49.3	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	95.6	380	ug/Kg
56-55-3	Benzo(a)anthracene	55	J	45	49.3	200	ug/Kg
218-01-9	Chrysene	70	J	52	49.3	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	49.3	200	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	95.6	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	83	J	49	49.3	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	49.3	200	ug/Kg
50-32-8	Benzo(a)pyrene	56	J	49	49.3	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	49.3	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	49.3	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	47	J	41	49.3	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	49.3	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.636		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	12.477		20-120		31	SPK: -40
4165-62-2	Phenol-d5	16.285		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.19		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.626		15-120		44	SPK: -40
190780-66-6	4-Methylphenol-d8	16.422		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	17.284		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.149		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.114		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.285		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.401		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	20.946		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.2		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	21.264		20-140		53	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D5	SDG No.:	BM060424
Lab Sample ID:	P2589-21	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14
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
BM045835.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.44		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	22.484		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	22.158		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.92		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	301109	7.463				
1146-65-2	Naphthalene-d8	1225861	10.233				
15067-26-2	Acenaphthene-d10	698776	14.11				
1517-22-2	Phenanthrene-d10	1242999	16.857				
1719-03-5	Chrysene-d12	945665	21.062				
1520-96-3	Perylene-d12	1059894	23.78				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	100	J			17.786	
	(DEL) Alkane: Straight-Chain	20.780	J			20.78	
E966796	Total Alkanes	110				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D6	SDG No.:	BM060424
Lab Sample ID:	P2589-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.4
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
BM045836.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.7	78	ug/Kg
100-52-7	Benzaldehyde	88	U	88	96.4	390	ug/Kg
110-86-1	Pyridine	50	U	50	190	390	ug/Kg
108-95-2	Phenol	41	U	41	96.4	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	96.4	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.6	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	96.4	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	96.4	390	ug/Kg
98-86-2	Acetophenone	44	U	44	96.4	390	ug/Kg
106-44-5	4-Methylphenol	37	U	37	96.4	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	49.6	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49.6	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49.6	200	ug/Kg
78-59-1	Isophorone	40	U	40	49.6	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49.6	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	49.6	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	49.6	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	49.6	200	ug/Kg
91-20-3	Naphthalene	40	U	40	49.6	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49.6	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49.6	200	ug/Kg
105-60-2	Caprolactam	140	U	140	96.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	49.6	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	49.6	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.6	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	92	U	92	96.4	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49.6	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	49.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D6	SDG No.:	BM060424
Lab Sample ID:	P2589-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.4
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
BM045836.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	49.6	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	49.6	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.6	200	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	49.6	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	49.6	200	ug/Kg
208-96-8	Acenaphthylene	50	U	50	49.6	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	96.4	390	ug/Kg
83-32-9	Acenaphthene	48	U	48	49.6	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	96.4	390	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	96.4	390	ug/Kg
132-64-9	Dibenzofuran	54	U	54	49.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	49.6	200	ug/Kg
84-66-2	Diethylphthalate	70	U	70	49.6	200	ug/Kg
86-73-7	Fluorene	53	U	53	49.6	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49.6	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	96.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	96.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	49.6	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	49.6	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	49.6	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.6	200	ug/Kg
1912-24-9	Atrazine	46	U	46	96.4	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.4	390	ug/Kg
85-01-8	Phenanthrene	51	U	51	49.6	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	49.6	200	ug/Kg
120-12-7	Anthracene	50	U	50	49.6	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	49.6	200	ug/Kg
86-74-8	Carbazole	53	U	53	96.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	49.6	200	ug/Kg
206-44-0	Fluoranthene	110	J	51	96.4	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D6	SDG No.:	BM060424
Lab Sample ID:	P2589-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.4
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
BM045836.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	93	J	51	49.6	200	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	49.6	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	96.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	49.6	200	ug/Kg
218-01-9	Chrysene	59	J	53	49.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	49.6	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	96.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	75	J	49	49.6	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	49.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	J	49	49.6	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	49.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	49.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	J	41	49.6	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	49.6	200	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	10.756		20-120		27	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.164		15-120		27	SPK: -8
4165-62-2	Phenol-d5	15.231		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.399		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.205		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	15.854		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	16.489		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.001		10-120		43	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.354		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.216		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.629		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	19.428		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.395		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	19.637		20-140		49	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	BH6D6	SDG No.:	BM060424
Lab Sample ID:	P2589-22	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.4
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
BM045836.D	1	5/26/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161139

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.894		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	20.832		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	21.016		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.64		10-140		54	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	311092	7.463				
1146-65-2	Naphthalene-d8	1285612	10.233				
15067-26-2	Acenaphthene-d10	737145	14.11				
1517-22-2	Phenanthrene-d10	1296901	16.851				
1719-03-5	Chrysene-d12	961320	21.062				
1520-96-3	Perylene-d12	1084743	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	90	J			17.786	
E966796	Total Alkanes	56	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	A4D18	SDG No.:	BM060424
Lab Sample ID:	P2586-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44
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
BM045837.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	23	U	23	11.7	120	ug/Kg
100-52-7	Benzaldehyde	130	U	130	150	590	ug/Kg
110-86-1	Pyridine	77	U	77	290	590	ug/Kg
108-95-2	Phenol	62	U	62	150	590	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	61	U	61	150	590	ug/Kg
95-57-8	2-Chlorophenol	50	U	50	75.6	300	ug/Kg
95-48-7	2-Methylphenol	53	U	53	150	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	48	U	48	150	590	ug/Kg
98-86-2	Acetophenone	68	U	68	150	590	ug/Kg
106-44-5	4-Methylphenol	57	U	57	150	590	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	52	U	52	75.6	300	ug/Kg
67-72-1	Hexachloroethane	41	U	41	75.6	300	ug/Kg
98-95-3	Nitrobenzene	64	U	64	75.6	300	ug/Kg
78-59-1	Isophorone	61	U	61	75.6	300	ug/Kg
88-75-5	2-Nitrophenol	57	U	57	75.6	300	ug/Kg
105-67-9	2,4-Dimethylphenol	50	U	50	75.6	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	68	U	68	75.6	300	ug/Kg
120-83-2	2,4-Dichlorophenol	69	U	69	75.6	300	ug/Kg
91-20-3	Naphthalene	61	U	61	75.6	300	ug/Kg
106-47-8	4-Chloroaniline	77	U	77	75.6	590	ug/Kg
87-68-3	Hexachlorobutadiene	61	U	61	75.6	300	ug/Kg
105-60-2	Caprolactam	210	U	210	150	590	ug/Kg
59-50-7	4-Chloro-3-methylphenol	50	U	50	75.6	300	ug/Kg
90-12-0	1-Methylnaphthalene	73	U	73	75.6	300	ug/Kg
91-57-6	2-Methylnaphthalene	66	U	66	75.6	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	U	140	150	590	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77	U	77	75.6	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	75	U	75	75.6	300	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	A4D18	SDG No.:	BM060424
Lab Sample ID:	P2586-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44
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
BM045837.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	85	U	85	75.6	300	ug/Kg
91-58-7	2-Chloronaphthalene	80	U	80	75.6	300	ug/Kg
88-74-4	2-Nitroaniline	39	U	39	75.6	300	ug/Kg
131-11-3	Dimethylphthalate	75	U	75	75.6	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	37	U	37	75.6	300	ug/Kg
208-96-8	Acenaphthylene	82	J	77	75.6	300	ug/Kg
99-09-2	3-Nitroaniline	36	U	36	150	590	ug/Kg
83-32-9	Acenaphthene	73	U	73	75.6	300	ug/Kg
51-28-5	2,4-Dinitrophenol	210	U	210	150	590	ug/Kg
100-02-7	4-Nitrophenol	73	U	73	150	590	ug/Kg
132-64-9	Dibenzofuran	82	U	82	75.6	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	48	U	48	75.6	300	ug/Kg
84-66-2	Diethylphthalate	110	U	110	75.6	300	ug/Kg
86-73-7	Fluorene	80	U	80	75.6	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	84	U	84	75.6	300	ug/Kg
100-01-6	4-Nitroaniline	75	U	75	150	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	28	U	28	150	590	ug/Kg
86-30-6	N-Nitrosodiphenylamine	75	U	75	75.6	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	91	U	91	75.6	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	80	U	80	75.6	300	ug/Kg
118-74-1	Hexachlorobenzene	89	U	89	75.6	300	ug/Kg
1912-24-9	Atrazine	69	U	69	150	590	ug/Kg
87-86-5	Pentachlorophenol	150	U	150	150	590	ug/Kg
85-01-8	Phenanthrene	670		78	75.6	300	ug/Kg
608-93-5	Pentachlorobenzene	91	U	91	75.6	300	ug/Kg
120-12-7	Anthracene	140	J	77	75.6	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	59	U	59	75.6	300	ug/Kg
86-74-8	Carbazole	82	J	80	150	590	ug/Kg
84-74-2	Di-n-butylphthalate	75	U	75	75.6	300	ug/Kg
206-44-0	Fluoranthene	1200		78	150	300	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	A4D18	SDG No.:	BM060424
Lab Sample ID:	P2586-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44
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
BM045837.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	960		78	75.6	300	ug/Kg
85-68-7	Butylbenzylphthalate	57	U	57	75.6	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	41	U	41	150	590	ug/Kg
56-55-3	Benzo(a)anthracene	560		69	75.6	300	ug/Kg
218-01-9	Chrysene	660		80	75.6	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	J	78	75.6	300	ug/Kg
117-84-0	Di-n-octyl phthalate	61	U	61	150	590	ug/Kg
205-99-2	Benzo(b)fluoranthene	760		75	75.6	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	290	J	80	75.6	300	ug/Kg
50-32-8	Benzo(a)pyrene	390		75	75.6	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	310		66	75.6	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	66	75.6	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	62	U	62	75.6	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	66	U	66	75.6	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.768		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	4.887	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	24.216		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.423		10-150		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.321		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	23.632		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	26.426		10-135		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.502		10-120		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.727		10-140		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.103		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.128		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	26.738		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.369		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	26.078		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	A4D18	SDG No.:	BM060424
Lab Sample ID:	P2586-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44
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
BM045837.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.121		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	28.153		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	24.824		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.393		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	352741	7.463				
1146-65-2	Naphthalene-d8	1406457	10.233				
15067-26-2	Acenaphthene-d10	783468	14.11				
1517-22-2	Phenanthrene-d10	1382520	16.851				
1719-03-5	Chrysene-d12	1080266	21.062				
1520-96-3	Perylene-d12	1227429	23.785				
TENTATIVE IDENTIFIED COMPOUNDS							
007012-37-5	1,1-Biphenyl, 2,4,4-trichloro-	290	J			17.462	
002531-84-2	Phenanthrene, 2-methyl-	120	J			17.727	
000613-12-7	Anthracene, 2-methyl-	330	J			17.78	
000203-64-5	4H-Cyclopenta[def]phenanthrene	320	J			17.921	
000612-94-2	Naphthalene, 2-phenyl-	150	J			18.227	
000084-65-1	9,10-Anthracenedione	140	J			18.274	
003674-66-6	Phenanthrene, 2,5-dimethyl-	120	J			18.651	
	(DEL) Alkane: Straight-Chain	18.698	J			18.698	
032690-93-0	Biphenyl, 2,4,4,5-tetrachloro-	140	J			18.75	
032598-11-1	1,1-Biphenyl, 2,3,4,5-tetrachlo	260	J			18.792	
116196-83-9	4,4-Bis(tetrahydrothiopyran)	120	J			19.068	
	(DEL) Alkane: Cyclic	20.774	J			20.774	
	(DEL) Alkane: Straight-Chain	21.768	J			21.768	
	(DEL) Alkane: Cyclic	21.797	J			21.797	
026627-85-0	Hexacosanal	380	J			22.639	
	(DEL) Alkane: Straight-Chain	23.074	J			23.074	
014811-95-1	1,19-Eicosadiene	730	J			24.203	

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	A4D18	SDG No.:	BM060424
Lab Sample ID:	P2586-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44
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
BM045837.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain	24.680				24.68	
E966796	Total Alkanes	3800	J			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	A4D18MS	SDG No.:	BM060424
Lab Sample ID:	P2586-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045838.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	840		23	11.8	120	ug/Kg
100-52-7	Benzaldehyde	3400		130	150	590	ug/Kg
110-86-1	Pyridine	1800		77	290	590	ug/Kg
108-95-2	Phenol	2500		62	150	590	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	2400		61	150	590	ug/Kg
95-57-8	2-Chlorophenol	2600		50	75.8	300	ug/Kg
95-48-7	2-Methylphenol	2500		53	150	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2400		48	150	590	ug/Kg
98-86-2	Acetophenone	2500		68	150	590	ug/Kg
106-44-5	4-Methylphenol	2600		57	150	590	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2400		52	75.8	300	ug/Kg
67-72-1	Hexachloroethane	2100		41	75.8	300	ug/Kg
98-95-3	Nitrobenzene	2500		64	75.8	300	ug/Kg
78-59-1	Isophorone	2600		61	75.8	300	ug/Kg
88-75-5	2-Nitrophenol	2800		57	75.8	300	ug/Kg
105-67-9	2,4-Dimethylphenol	2500		50	75.8	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2400		68	75.8	300	ug/Kg
120-83-2	2,4-Dichlorophenol	2700		70	75.8	300	ug/Kg
91-20-3	Naphthalene	2500		61	75.8	300	ug/Kg
106-47-8	4-Chloroaniline	1400		77	75.8	590	ug/Kg
87-68-3	Hexachlorobutadiene	2500		61	75.8	300	ug/Kg
105-60-2	Caprolactam	2800		210	150	590	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2600		50	75.8	300	ug/Kg
90-12-0	1-Methylnaphthalene	2500		73	75.8	300	ug/Kg
91-57-6	2-Methylnaphthalene	2500		66	75.8	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1500		140	150	590	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3000		77	75.8	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2900		75	75.8	300	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	A4D18MS	SDG No.:	BM060424
Lab Sample ID:	P2586-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045838.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2600		86	75.8	300	ug/Kg
91-58-7	2-Chloronaphthalene	2600		80	75.8	300	ug/Kg
88-74-4	2-Nitroaniline	2900		39	75.8	300	ug/Kg
131-11-3	Dimethylphthalate	2600		75	75.8	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	2800		37	75.8	300	ug/Kg
208-96-8	Acenaphthylene	2600		77	75.8	300	ug/Kg
99-09-2	3-Nitroaniline	2700		36	150	590	ug/Kg
83-32-9	Acenaphthene	2500		73	75.8	300	ug/Kg
51-28-5	2,4-Dinitrophenol	2100		210	150	590	ug/Kg
100-02-7	4-Nitrophenol	2700		73	150	590	ug/Kg
132-64-9	Dibenzofuran	2600		82	75.8	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	2800		48	75.8	300	ug/Kg
84-66-2	Diethylphthalate	2700		110	75.8	300	ug/Kg
86-73-7	Fluorene	2600		80	75.8	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2500		84	75.8	300	ug/Kg
100-01-6	4-Nitroaniline	3200		75	150	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100		29	150	590	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2700		75	75.8	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2600		91	75.8	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2600		80	75.8	300	ug/Kg
118-74-1	Hexachlorobenzene	2200		89	75.8	300	ug/Kg
1912-24-9	Atrazine	2600		70	150	590	ug/Kg
87-86-5	Pentachlorophenol	2800		160	150	590	ug/Kg
85-01-8	Phenanthrene	3400		78	75.8	300	ug/Kg
608-93-5	Pentachlorobenzene	2600		91	75.8	300	ug/Kg
120-12-7	Anthracene	2700		77	75.8	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2600		59	75.8	300	ug/Kg
86-74-8	Carbazole	2700		80	150	590	ug/Kg
84-74-2	Di-n-butylphthalate	2900		75	75.8	300	ug/Kg
206-44-0	Fluoranthene	4200		78	150	300	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	A4D18MS	SDG No.:	BM060424
Lab Sample ID:	P2586-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045838.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3500		78	75.8	300	ug/Kg
85-68-7	Butylbenzylphthalate	3200		57	75.8	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		41	150	590	ug/Kg
56-55-3	Benzo(a)anthracene	3400		70	75.8	300	ug/Kg
218-01-9	Chrysene	3500		80	75.8	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3200		78	75.8	300	ug/Kg
117-84-0	Di-n-octyl phthalate	2800		61	150	590	ug/Kg
205-99-2	Benzo(b)fluoranthene	3500		75	75.8	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	2900		80	75.8	300	ug/Kg
50-32-8	Benzo(a)pyrene	1900		75	75.8	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2700		66	75.8	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3100		66	75.8	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	350		62	75.8	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2900		66	75.8	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.132		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	13.38		20-120		33	SPK: -40
4165-62-2	Phenol-d5	32.031		10-130		80	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.059		10-150		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.591		15-120		89	SPK: -40
190780-66-6	4-Methylphenol-d8	30.742		10-140		77	SPK: -40
4165-60-0	Nitrobenzene-d5	36.001		10-135		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	38.004		10-120		95	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	35.961		10-140		90	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.51		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.809		10-145		90	SPK: -40
93951-97-4	Acenaphthylene-d8	35.394		15-120		88	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.458		10-150		84	SPK: -40
81103-79-9	Fluorene-d10	34.186		20-140		85	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	A4D18MS	SDG No.:	BM060424
Lab Sample ID:	P2586-06MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44
Sample Wt/Vol:	30.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045838.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.493		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	35.353		10-150		88	SPK: -40
1718-52-1	Pyrene-d10	33.166		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.917		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	262413	7.463				
1146-65-2	Naphthalene-d8	1051450	10.228				
15067-26-2	Acenaphthene-d10	588478	14.104				
1517-22-2	Phenanthrene-d10	1083009	16.851				
1719-03-5	Chrysene-d12	803255	21.068				
1520-96-3	Perylene-d12	928253	23.785				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	86	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	A4D18MSD	SDG No.:	BM060424
Lab Sample ID:	P2586-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045839.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	790		23	11.8	120	ug/Kg
100-52-7	Benzaldehyde	3300		130	150	590	ug/Kg
110-86-1	Pyridine	1700		77	290	590	ug/Kg
108-95-2	Phenol	2400		62	150	590	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	2200		61	150	590	ug/Kg
95-57-8	2-Chlorophenol	2400		50	75.8	300	ug/Kg
95-48-7	2-Methylphenol	2400		54	150	590	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2300		48	150	590	ug/Kg
98-86-2	Acetophenone	2300		68	150	590	ug/Kg
106-44-5	4-Methylphenol	2400		57	150	590	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2300		52	75.8	300	ug/Kg
67-72-1	Hexachloroethane	2000		41	75.8	300	ug/Kg
98-95-3	Nitrobenzene	2400		64	75.8	300	ug/Kg
78-59-1	Isophorone	2400		61	75.8	300	ug/Kg
88-75-5	2-Nitrophenol	2700		57	75.8	300	ug/Kg
105-67-9	2,4-Dimethylphenol	2400		50	75.8	300	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	2300		68	75.8	300	ug/Kg
120-83-2	2,4-Dichlorophenol	2600		70	75.8	300	ug/Kg
91-20-3	Naphthalene	2400		61	75.8	300	ug/Kg
106-47-8	4-Chloroaniline	1300		77	75.8	590	ug/Kg
87-68-3	Hexachlorobutadiene	2400		61	75.8	300	ug/Kg
105-60-2	Caprolactam	2700		210	150	590	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2500		50	75.8	300	ug/Kg
90-12-0	1-Methylnaphthalene	2300		73	75.8	300	ug/Kg
91-57-6	2-Methylnaphthalene	2300		66	75.8	300	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1400		140	150	590	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2900		77	75.8	300	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2800		75	75.8	300	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	A4D18MSD	SDG No.:	BM060424
Lab Sample ID:	P2586-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045839.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2500		86	75.8	300	ug/Kg
91-58-7	2-Chloronaphthalene	2400		80	75.8	300	ug/Kg
88-74-4	2-Nitroaniline	2700		39	75.8	300	ug/Kg
131-11-3	Dimethylphthalate	2500		75	75.8	300	ug/Kg
606-20-2	2,6-Dinitrotoluene	2600		37	75.8	300	ug/Kg
208-96-8	Acenaphthylene	2500		77	75.8	300	ug/Kg
99-09-2	3-Nitroaniline	2500		36	150	590	ug/Kg
83-32-9	Acenaphthene	2400		73	75.8	300	ug/Kg
51-28-5	2,4-Dinitrophenol	2000		210	150	590	ug/Kg
100-02-7	4-Nitrophenol	2500		73	150	590	ug/Kg
132-64-9	Dibenzofuran	2400		82	75.8	300	ug/Kg
121-14-2	2,4-Dinitrotoluene	2600		48	75.8	300	ug/Kg
84-66-2	Diethylphthalate	2500		110	75.8	300	ug/Kg
86-73-7	Fluorene	2400		80	75.8	300	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2300		84	75.8	300	ug/Kg
100-01-6	4-Nitroaniline	3000		75	150	590	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2000		29	150	590	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2600		75	75.8	300	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2500		91	75.8	300	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2500		80	75.8	300	ug/Kg
118-74-1	Hexachlorobenzene	2100		89	75.8	300	ug/Kg
1912-24-9	Atrazine	2400		70	150	590	ug/Kg
87-86-5	Pentachlorophenol	2700		160	150	590	ug/Kg
85-01-8	Phenanthrene	3200		78	75.8	300	ug/Kg
608-93-5	Pentachlorobenzene	2500		91	75.8	300	ug/Kg
120-12-7	Anthracene	2500		77	75.8	300	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2600		59	75.8	300	ug/Kg
86-74-8	Carbazole	2500		80	150	590	ug/Kg
84-74-2	Di-n-butylphthalate	2800		75	75.8	300	ug/Kg
206-44-0	Fluoranthene	4100		78	150	300	ug/Kg



Client:			Date Collected:	5/22/2024 12:00:00 AM		
Project:			Date Received:	5/22/2024 12:00:00 AM		
Client Sample ID:	A4D18MSD		SDG No.:	BM060424		
Lab Sample ID:	P2586-07MSD		Matrix:	Solid		
Analytical Method:	SFAM_SVOC		% Moisture:	44		
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	500	uL
Soil Aliquot Vol:			uL	Test:		
Extraction Type :	Decanted :			Level :	LOW	
Injection Volume :	GPC Factor :			GPC Cleanup :	PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045839.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3400		78	75.8	300	ug/Kg
85-68-7	Butylbenzylphthalate	3100		57	75.8	300	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		41	150	590	ug/Kg
56-55-3	Benzo(a)anthracene	3200		70	75.8	300	ug/Kg
218-01-9	Chrysene	3300		80	75.8	300	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3100		78	75.8	300	ug/Kg
117-84-0	Di-n-octyl phthalate	2600		61	150	590	ug/Kg
205-99-2	Benzo(b)fluoranthene	3200		75	75.8	300	ug/Kg
207-08-9	Benzo(k)fluoranthene	2800		80	75.8	300	ug/Kg
50-32-8	Benzo(a)pyrene	1800		75	75.8	300	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2600		66	75.8	300	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2900		66	75.8	300	ug/Kg
191-24-2	Benzo(g,h,i)perylene	330		62	75.8	300	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2800		66	75.8	300	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.709		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	12.356		20-120		31	SPK: -40
4165-62-2	Phenol-d5	30.64		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.272		10-150		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.959		15-120		85	SPK: -40
190780-66-6	4-Methylphenol-d8	29.223		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	33.836		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.227		10-120		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.562		10-140		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.908		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.116		10-145		85	SPK: -40
93951-97-4	Acenaphthylene-d8	33.609		15-120		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.058		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	31.932		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	A4D18MSD	SDG No.:	BM060424
Lab Sample ID:	P2586-07MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	44
Sample Wt/Vol:	30.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045839.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.85		10-130		67	SPK: -40
1719-06-8	Anthracene-d10	33.397		10-150		83	SPK: -40
1718-52-1	Pyrene-d10	31.859		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.748		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	298239	7.463				
1146-65-2	Naphthalene-d8	1194090	10.227				
15067-26-2	Acenaphthene-d10	657232	14.104				
1517-22-2	Phenanthrene-d10	1158785	16.851				
1719-03-5	Chrysene-d12	821340	21.068				
1520-96-3	Perylene-d12	962219	23.785				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	86	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	A4C28	SDG No.:	BM060424
Lab Sample ID:	P2586-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BM045840.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.7	78	ug/Kg
100-52-7	Benzaldehyde	87	U	87	96.2	380	ug/Kg
110-86-1	Pyridine	50	U	50	190	380	ug/Kg
108-95-2	Phenol	41	U	41	96.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	96.2	380	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.5	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	96.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	96.2	380	ug/Kg
98-86-2	Acetophenone	44	U	44	96.2	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	96.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	49.5	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49.5	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49.5	200	ug/Kg
78-59-1	Isophorone	40	U	40	49.5	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	49.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	49.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	49.5	200	ug/Kg
91-20-3	Naphthalene	40	U	40	49.5	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49.5	200	ug/Kg
105-60-2	Caprolactam	140	U	140	96.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	49.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	49.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	92	U	92	96.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	49.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	A4C28	SDG No.:	BM060424
Lab Sample ID:	P2586-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BM045840.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	49.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49.5	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.5	200	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	49.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	49.5	200	ug/Kg
208-96-8	Acenaphthylene	50	U	50	49.5	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	96.2	380	ug/Kg
83-32-9	Acenaphthene	48	U	48	49.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	96.2	380	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	96.2	380	ug/Kg
132-64-9	Dibenzofuran	54	U	54	49.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	49.5	200	ug/Kg
84-66-2	Diethylphthalate	70	U	70	49.5	200	ug/Kg
86-73-7	Fluorene	52	U	52	49.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49.5	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	96.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	96.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	49.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	49.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	49.5	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.5	200	ug/Kg
1912-24-9	Atrazine	45	U	45	96.2	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96.2	380	ug/Kg
85-01-8	Phenanthrene	110	J	51	49.5	200	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	49.5	200	ug/Kg
120-12-7	Anthracene	50	U	50	49.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	49.5	200	ug/Kg
86-74-8	Carbazole	52	U	52	96.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	49.5	200	ug/Kg
206-44-0	Fluoranthene	240		51	96.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	A4C28	SDG No.:	BM060424
Lab Sample ID:	P2586-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BM045840.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	200		51	49.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	49.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	96.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	45	49.5	200	ug/Kg
218-01-9	Chrysene	160	J	52	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	49.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	96.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	220		49	49.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	85	J	52	49.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	160	J	49	49.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	J	43	49.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	56	J	43	49.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	J	41	49.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	49.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.528		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	13.264		20-120		33	SPK: -40
4165-62-2	Phenol-d5	22.989		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.954		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.233		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	24.539		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	24.286		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.721		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.345		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.528		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.871		10-145		65	SPK: -40
93951-97-4	Acenaphthylene-d8	25.393		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.181		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	24.404		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	A4C28	SDG No.:	BM060424
Lab Sample ID:	P2586-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.5
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
BM045840.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.869		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	25.088		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	25.151		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.996		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	287346	7.463				
1146-65-2	Naphthalene-d8	1177923	10.234				
15067-26-2	Acenaphthene-d10	681038	14.11				
1517-22-2	Phenanthrene-d10	1164817	16.851				
1719-03-5	Chrysene-d12	799076	21.062				
1520-96-3	Perylene-d12	903594	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000094-59-7	Safrole	170	J			11.716	
000057-10-3	n-Hexadecanoic acid	110	J			17.786	
	(DEL) Alkane: Straight-Chain	20.780	J			20.78	
	(DEL) Alkane: Straight-Chain	21.768	J			21.768	
015594-90-8	1-Heneicosanol	150	J			21.797	
007320-37-8	Oxirane, tetradecyl-	130	J			22.639	
	(DEL) Alkane: Straight-Chain	23.074	J			23.074	
007390-81-0	Oxirane, hexadecyl-	420	J			24.203	
	(DEL) Alkane: Straight-Chain	24.680	J			24.68	
E966796	Total Alkanes	1200				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	A4C29	SDG No.:	BM060424
Lab Sample ID:	P2586-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
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
BM045841.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	7.2	73	ug/Kg
100-52-7	Benzaldehyde	82	U	82	90.2	360	ug/Kg
110-86-1	Pyridine	47	U	47	180	360	ug/Kg
108-95-2	Phenol	38	U	38	90.2	360	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	37	U	37	90.2	360	ug/Kg
95-57-8	2-Chlorophenol	31	U	31	46.4	190	ug/Kg
95-48-7	2-Methylphenol	33	U	33	90.2	360	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	30	U	30	90.2	360	ug/Kg
98-86-2	Acetophenone	42	U	42	90.2	360	ug/Kg
106-44-5	4-Methylphenol	35	U	35	90.2	360	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	32	U	32	46.4	190	ug/Kg
67-72-1	Hexachloroethane	25	U	25	46.4	190	ug/Kg
98-95-3	Nitrobenzene	39	U	39	46.4	190	ug/Kg
78-59-1	Isophorone	37	U	37	46.4	190	ug/Kg
88-75-5	2-Nitrophenol	35	U	35	46.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	31	U	31	46.4	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	42	U	42	46.4	190	ug/Kg
120-83-2	2,4-Dichlorophenol	43	U	43	46.4	190	ug/Kg
91-20-3	Naphthalene	37	U	37	46.4	190	ug/Kg
106-47-8	4-Chloroaniline	47	U	47	46.4	360	ug/Kg
87-68-3	Hexachlorobutadiene	37	U	37	46.4	190	ug/Kg
105-60-2	Caprolactam	130	U	130	90.2	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	31	U	31	46.4	190	ug/Kg
90-12-0	1-Methylnaphthalene	45	U	45	46.4	190	ug/Kg
91-57-6	2-Methylnaphthalene	40	U	40	46.4	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	86	U	86	90.2	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	47	U	47	46.4	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	46	U	46	46.4	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	A4C29	SDG No.:	BM060424
Lab Sample ID:	P2586-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
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
BM045841.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	52	U	52	46.4	190	ug/Kg
91-58-7	2-Chloronaphthalene	49	U	49	46.4	190	ug/Kg
88-74-4	2-Nitroaniline	24	U	24	46.4	190	ug/Kg
131-11-3	Dimethylphthalate	46	U	46	46.4	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	23	U	23	46.4	190	ug/Kg
208-96-8	Acenaphthylene	47	U	47	46.4	190	ug/Kg
99-09-2	3-Nitroaniline	22	U	22	90.2	360	ug/Kg
83-32-9	Acenaphthene	45	U	45	46.4	190	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	90.2	360	ug/Kg
100-02-7	4-Nitrophenol	45	U	45	90.2	360	ug/Kg
132-64-9	Dibenzofuran	50	U	50	46.4	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	30	U	30	46.4	190	ug/Kg
84-66-2	Diethylphthalate	66	U	66	46.4	190	ug/Kg
86-73-7	Fluorene	49	U	49	46.4	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	51	U	51	46.4	190	ug/Kg
100-01-6	4-Nitroaniline	46	U	46	90.2	360	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	17	U	17	90.2	360	ug/Kg
86-30-6	N-Nitrosodiphenylamine	46	U	46	46.4	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	56	U	56	46.4	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	49	U	49	46.4	190	ug/Kg
118-74-1	Hexachlorobenzene	55	U	55	46.4	190	ug/Kg
1912-24-9	Atrazine	43	U	43	90.2	360	ug/Kg
87-86-5	Pentachlorophenol	95	U	95	90.2	360	ug/Kg
85-01-8	Phenanthrene	69	J	48	46.4	190	ug/Kg
608-93-5	Pentachlorobenzene	56	U	56	46.4	190	ug/Kg
120-12-7	Anthracene	47	U	47	46.4	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	36	U	36	46.4	190	ug/Kg
86-74-8	Carbazole	49	U	49	90.2	360	ug/Kg
84-74-2	Di-n-butylphthalate	46	U	46	46.4	190	ug/Kg
206-44-0	Fluoranthene	110	J	48	90.2	190	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	A4C29	SDG No.:	BM060424
Lab Sample ID:	P2586-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
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
BM045841.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	91	J	48	46.4	190	ug/Kg
85-68-7	Butylbenzylphthalate	35	U	35	46.4	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	90.2	360	ug/Kg
56-55-3	Benzo(a)anthracene	70	J	43	46.4	190	ug/Kg
218-01-9	Chrysene	81	J	49	46.4	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	48	U	48	46.4	190	ug/Kg
117-84-0	Di-n-octyl phthalate	37	U	37	90.2	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	46	46.4	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	50	J	49	46.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	90	J	46	46.4	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	73	J	40	46.4	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	40	U	40	46.4	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	88	J	38	46.4	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	40	U	40	46.4	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.291		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	17.049		20-120		43	SPK: -40
4165-62-2	Phenol-d5	23.116		10-130		58	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.985		10-150		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.124		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	23.979		10-140		60	SPK: -40
4165-60-0	Nitrobenzene-d5	24.154		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.734		10-120		64	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.901		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.879		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.427		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	24.742		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.091		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	23.773		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	A4C29	SDG No.:	BM060424
Lab Sample ID:	P2586-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	8.5
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
BM045841.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.193		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	25.058		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	24.185		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.21		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	297251	7.463				
1146-65-2	Naphthalene-d8	1188490	10.234				
15067-26-2	Acenaphthene-d10	667813	14.11				
1517-22-2	Phenanthrene-d10	1159080	16.857				
1719-03-5	Chrysene-d12	893023	21.068				
1520-96-3	Perylene-d12	1014209	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
017627-76-8	1,3-Benzodioxole, 5-(1-propenyl)-,	84	J			11.716	
000057-10-3	n-Hexadecanoic acid	130	J			17.786	
1000351-75-2	Eicosyl trifluoroacetate	320	J			20.78	
	(DEL) Alkane: Straight-Chain21.768	190	J			21.768	
	(DEL) Alkane: Cyclic21.798	200	J			21.798	
007320-37-8	Oxirane, tetradecyl-	180	J			22.639	
000661-19-8	Behenic alcohol	200	J			23.074	
000638-66-4	Octadecanal	550	J			24.203	
	(DEL) Alkane: Straight-Chain24.686	590	J			24.686	
014811-95-1	1,19-Eicosadiene	270	J			26.403	
E966796	Total Alkanes	980				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	A4C31	SDG No.:	BM060424
Lab Sample ID:	P2586-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045842.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.8	79	ug/Kg
100-52-7	Benzaldehyde	89	U	89	98	390	ug/Kg
110-86-1	Pyridine	51	U	51	200	390	ug/Kg
108-95-2	Phenol	42	U	42	98	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	98	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.5	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	98	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	98	390	ug/Kg
98-86-2	Acetophenone	45	U	45	98	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	98	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	50.5	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50.5	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	50.5	200	ug/Kg
78-59-1	Isophorone	40	U	40	50.5	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50.5	200	ug/Kg
91-20-3	Naphthalene	40	U	40	50.5	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.5	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	50.5	200	ug/Kg
105-60-2	Caprolactam	140	U	140	98	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	50.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	98	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	50.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	A4C31	SDG No.:	BM060424
Lab Sample ID:	P2586-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045842.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	50.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	50.5	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.5	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	50.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.5	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.5	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	98	390	ug/Kg
83-32-9	Acenaphthene	49	U	49	50.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	98	390	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	98	390	ug/Kg
132-64-9	Dibenzofuran	55	U	55	50.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.5	200	ug/Kg
84-66-2	Diethylphthalate	71	U	71	50.5	200	ug/Kg
86-73-7	Fluorene	53	U	53	50.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50.5	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	98	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	98	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	50.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	50.5	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.5	200	ug/Kg
1912-24-9	Atrazine	46	U	46	98	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98	390	ug/Kg
85-01-8	Phenanthrene	52	U	52	50.5	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50.5	200	ug/Kg
120-12-7	Anthracene	51	U	51	50.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.5	200	ug/Kg
86-74-8	Carbazole	53	U	53	98	390	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.5	200	ug/Kg
206-44-0	Fluoranthene	67	J	52	98	200	ug/Kg

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	A4C31	SDG No.:	BM060424
Lab Sample ID:	P2586-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045842.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	58	J	52	50.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	98	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.5	200	ug/Kg
218-01-9	Chrysene	53	U	53	50.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	50.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	98	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	50.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	50.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	50.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	50.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.872		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	14.322		20-120		36	SPK: -40
4165-62-2	Phenol-d5	18.304		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.384		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.352		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	18.836		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	19.203		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.473		10-120		51	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.122		10-140		48	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.436		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.571		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	20.215		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.45		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	19.272		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	5/23/2024 12:00:00 AM
Project:		Date Received:	5/23/2024 12:00:00 AM
Client Sample ID:	A4C31	SDG No.:	BM060424
Lab Sample ID:	P2586-16	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045842.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.575		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	20.21		10-150		51	SPK: -40
1718-52-1	Pyrene-d10	19.104		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.999		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	322568	7.463				
1146-65-2	Naphthalene-d8	1279359	10.233				
15067-26-2	Acenaphthene-d10	704449	14.11				
1517-22-2	Phenanthrene-d10	1222230	16.851				
1719-03-5	Chrysene-d12	968195	21.062				
1520-96-3	Perylene-d12	1082486	23.785				
TENTATIVE IDENTIFIED COMPOUNDS							
000094-59-7	Safrole	360	J			11.716	
091368-52-4	1-Acetyl-2,3-naphthalenediol	210	J			17.456	
000057-10-3	n-Hexadecanoic acid	130	J			17.786	
	(DEL) Alkane: Straight-Chain20.780	330	J			20.78	
	(DEL) Alkane: Straight-Chain21.768	270	J			21.768	
007390-81-0	Oxirane, hexadecyl-	130	J			22.639	
	(DEL) Alkane: Straight-Chain23.003	510	J			23.003	
	(DEL) Alkane: Straight-Chain23.074	130	J			23.074	
000638-66-4	Octadecanal	490	J			24.203	
	(DEL) Alkane: Straight-Chain24.680	800	J			24.68	
077899-03-7	1-Heneicosyl formate	220	J			24.809	
E966796	Total Alkanes	2000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	A4D16	SDG No.:	BM060424
Lab Sample ID:	P2586-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	73.2
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
BM045843.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	49	U	49	24.6	250	ug/Kg
100-52-7	Benzaldehyde	280	U	280	310	1200	ug/Kg
110-86-1	Pyridine	160	U	160	620	1200	ug/Kg
108-95-2	Phenol	130	U	130	310	1200	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	130	U	130	310	1200	ug/Kg
95-57-8	2-Chlorophenol	100	U	100	160	630	ug/Kg
95-48-7	2-Methylphenol	110	U	110	310	1200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	310	1200	ug/Kg
98-86-2	Acetophenone	140	U	140	310	1200	ug/Kg
106-44-5	4-Methylphenol	120	U	120	310	1200	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	110	U	110	160	630	ug/Kg
67-72-1	Hexachloroethane	86	U	86	160	630	ug/Kg
98-95-3	Nitrobenzene	130	U	130	160	630	ug/Kg
78-59-1	Isophorone	130	U	130	160	630	ug/Kg
88-75-5	2-Nitrophenol	120	U	120	160	630	ug/Kg
105-67-9	2,4-Dimethylphenol	100	U	100	160	630	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	140	U	140	160	630	ug/Kg
120-83-2	2,4-Dichlorophenol	150	U	150	160	630	ug/Kg
91-20-3	Naphthalene	130	U	130	160	630	ug/Kg
106-47-8	4-Chloroaniline	160	U	160	160	1200	ug/Kg
87-68-3	Hexachlorobutadiene	130	U	130	160	630	ug/Kg
105-60-2	Caprolactam	450	U	450	310	1200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	160	630	ug/Kg
90-12-0	1-Methylnaphthalene	150	U	150	160	630	ug/Kg
91-57-6	2-Methylnaphthalene	140	U	140	160	630	ug/Kg
77-47-4	Hexachlorocyclopentadiene	290	U	290	310	1200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	160	U	160	160	630	ug/Kg
95-95-4	2,4,5-Trichlorophenol	160	U	160	160	630	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	A4D16	SDG No.:	BM060424
Lab Sample ID:	P2586-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	73.2
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
BM045843.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	180	U	180	160	630	ug/Kg
91-58-7	2-Chloronaphthalene	170	U	170	160	630	ug/Kg
88-74-4	2-Nitroaniline	82	U	82	160	630	ug/Kg
131-11-3	Dimethylphthalate	160	U	160	160	630	ug/Kg
606-20-2	2,6-Dinitrotoluene	78	U	78	160	630	ug/Kg
208-96-8	Acenaphthylene	160	U	160	160	630	ug/Kg
99-09-2	3-Nitroaniline	75	U	75	310	1200	ug/Kg
83-32-9	Acenaphthene	150	U	150	160	630	ug/Kg
51-28-5	2,4-Dinitrophenol	450	U	450	310	1200	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	310	1200	ug/Kg
132-64-9	Dibenzofuran	170	U	170	160	630	ug/Kg
121-14-2	2,4-Dinitrotoluene	100	U	100	160	630	ug/Kg
84-66-2	Diethylphthalate	220	U	220	160	630	ug/Kg
86-73-7	Fluorene	170	U	170	160	630	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	180	U	180	160	630	ug/Kg
100-01-6	4-Nitroaniline	160	U	160	310	1200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	60	U	60	310	1200	ug/Kg
86-30-6	N-Nitrosodiphenylamine	160	U	160	160	630	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	190	U	190	160	630	ug/Kg
101-55-3	4-Bromophenyl-phenylether	170	U	170	160	630	ug/Kg
118-74-1	Hexachlorobenzene	190	U	190	160	630	ug/Kg
1912-24-9	Atrazine	150	U	150	310	1200	ug/Kg
87-86-5	Pentachlorophenol	320	U	320	310	1200	ug/Kg
85-01-8	Phenanthrene	160	U	160	160	630	ug/Kg
608-93-5	Pentachlorobenzene	190	U	190	160	630	ug/Kg
120-12-7	Anthracene	160	U	160	160	630	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	120	U	120	160	630	ug/Kg
86-74-8	Carbazole	170	U	170	310	1200	ug/Kg
84-74-2	Di-n-butylphthalate	160	U	160	160	630	ug/Kg
206-44-0	Fluoranthene	160	U	160	310	630	ug/Kg

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	A4D16	SDG No.:	BM060424
Lab Sample ID:	P2586-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	73.2
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
BM045843.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	160	U	160	160	630	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	160	630	ug/Kg
91-94-1	3,3-Dichlorobenzidine	86	U	86	310	1200	ug/Kg
56-55-3	Benzo(a)anthracene	150	U	150	160	630	ug/Kg
218-01-9	Chrysene	170	U	170	160	630	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	160	U	160	160	630	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	310	1200	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	U	160	160	630	ug/Kg
207-08-9	Benzo(k)fluoranthene	170	U	170	160	630	ug/Kg
50-32-8	Benzo(a)pyrene	160	U	160	160	630	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	U	140	160	630	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	U	140	160	630	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	U	130	160	630	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	U	140	160	630	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.124		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	22.761		20-120		57	SPK: -40
4165-62-2	Phenol-d5	27.904		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.492		10-150		66	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.702		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	29.471		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	28.549		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.033		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.688		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.966		1-145		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.122		10-145		75	SPK: -40
93951-97-4	Acenaphthylene-d8	29.046		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.355		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	28.011		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	5/22/2024 12:00:00 AM
Project:		Date Received:	5/22/2024 12:00:00 AM
Client Sample ID:	A4D16	SDG No.:	BM060424
Lab Sample ID:	P2586-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	73.2
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
BM045843.D	1	5/30/2024 12:00:00 AM	6/5/2024 12:00:00 AM	PB161208

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.732		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	29.833		10-150		75	SPK: -40
1718-52-1	Pyrene-d10	28.545		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.666		10-140		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	299391	7.463				
1146-65-2	Naphthalene-d8	1228654	10.234				
15067-26-2	Acenaphthene-d10	689066	14.104				
1517-22-2	Phenanthrene-d10	1189351	16.851				
1719-03-5	Chrysene-d12	901489	21.062				
1520-96-3	Perylene-d12	1017126	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
000770-35-4	1-Phenoxypropan-2-ol	270	J			11.028	
000057-10-3	n-Hexadecanoic acid	420	J			17.786	
	(DEL) Alkane: Straight-Chain	19.815	J			19.815	
	(DEL) Alkane: Straight-Chain	20.780	J			20.78	
013187-99-0	2-Bromo dodecane	390	J			21.768	
	(DEL) Alkane: Cyclic	21.797	J			21.797	
	(DEL) Alkane: Straight-Chain	23.003	J			23.003	
E966796	Total Alkanes	2800				99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM060424

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-WATER-QT2-2024-04							
P2409-02	MDL-WATER-QT2-2024 Water	Total Alkanes	*	0.000	1.7	5	ug/L
		Total Tics :			0.00		
P2409-02	MDL-WATER-QT2-2024 Water	1,1-Biphenyl	4.800	J	1.7	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	1,2,3,4-Tetrachlorobenzene	4.500	J	1.2	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	1,2,4,5-Tetrachlorobenzene	4.600	J	1.8	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	1,4-Dioxane	1.000	J	0.49	2	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	1-Methylnaphthalene	4.800	J	1.3	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,2-oxybis(1-Chloropropane)	5.000	J	1.4	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,3,4,6-Tetrachlorophenol	4.000	J	1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,4,5-Trichlorophenol	4.100	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,4,6-Trichlorophenol	3.900	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,4-Dichlorophenol	4.500	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,4-Dimethylphenol	2.100	J	0.98	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,4-Dinitrotoluene	4.200	J	1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2,6-Dinitrotoluene	3.900	J	1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2-Chloronaphthalene	4.700	J	1.6	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2-Chlorophenol	4.800	J	1.3	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2-Methylnaphthalene	4.700	J	1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2-Methylphenol	4.100	J	1.4	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2-Nitroaniline	4.200	J	1.2	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	2-Nitrophenol	4.600	J	1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	3,3-Dichlorobenzidine	3.400	J	1.1	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	3-Nitroaniline	3.900	J	0.84	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4,6-Dinitro-2-methylphenol	4.100	J	0.94	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Bromophenyl-phenylether	4.400	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Chloro-3-methylphenol	4.200	J	1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Chloroaniline	4.500	J	1.4	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Chlorophenyl-phenylether	4.800	J	1.6	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Methylphenol	4.600	J	1.4	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Nitroaniline	4.700	J	1.3	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Nitrophenol	4.800	J	1.5	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Acenaphthene	4.800	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Acenaphthylene	4.700	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Acetophenone	4.800	J	1.5	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Anthracene	4.200	J	1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Atrazine	5.100	J	1.6	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Benzaldehyde	6.800	J	2.5	10	ug/L

Hit Summary Sheet SW-846

SDG No.: BM060424

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2409-02	MDL-WATER-QT2-2024 Water	Benzo(a)anthracene	4.500	J	1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Benzo(a)pyrene	4.500	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Benzo(b)fluoranthene	4.500	J	1.6	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Benzo(g,h,i)perylene	4.700	J	1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Benzo(k)fluoranthene	4.700	J	1.7	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Bis(2-Chloroethoxy)methane	4.500	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Bis(2-Chloroethyl)ether	4.800	J	1.4	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Bis(2-ethylhexyl)phthalate	3.800	J	1.8	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Butylbenzylphthalate	3.800	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Carbazole	4.400	J	1.6	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Chrysene	4.600	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Di-n-butylphthalate	4.200	J	1.7	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Di-n-octyl phthalate	3.600	J	1.4	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Dibenzo(a,h)anthracene	4.500	J	1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Dibenzofuran	4.800	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Diethylphthalate	4.600	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Dimethylphthalate	4.700	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Fluoranthene	4.500	J	1.7	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Fluorene	4.800	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Hexachlorobenzene	4.700	J	1.6	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Hexachlorobutadiene	4.600	J	1.2	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Hexachloroethane	4.700	J	1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Indeno(1,2,3-cd)pyrene	4.600	J	1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Isophorone	4.500	J	1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	N-Nitroso-di-n-propylamine	5.000		1.6	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	N-Nitrosodiphenylamine	4.500	J	1.6	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Naphthalene	4.800	J	1.3	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Nitrobenzene	5.000		1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Pentachlorobenzene	4.900	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Pentachlorophenol	6.900	J	3.6	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Phenanthrene	4.700	J	1.6	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Phenol	4.700	J	1.4	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Pyrene	4.700	J	1.7	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Pyridine	4.200	J	1.4	10	ug/L
Total Svoc :			309.30				
Total Concentration:			309.30				
Client ID :	MDL-SOIL-QT2-2024-04						
P2409-04	MDL-SOIL-QT2-2024-04 Solid	Total Alkanes	*	0.000	48	170	ug/Kg
Total Tics :			0.00				
P2409-04	MDL-SOIL-QT2-2024-04 Solid	1,1-Biphenyl		160.000	J 48	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-04	MDL-SOIL-QT2-2024-0	Solid	1,2,3,4-Tetrachlorobenzene	140.000	J	33	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	1,2,4,5-Tetrachlorobenzene	160.000	J	51	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	1,4-Dioxane	38.000	J	13	66	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	1-Methylnaphthalene	160.000	J	41	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,2-oxybis(1-Chloropropane)	170.000	J	27	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,3,4,6-Tetrachlorophenol	140.000	J	37	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,4,5-Trichlorophenol	130.000	J	42	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,4,6-Trichlorophenol	130.000	J	43	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,4-Dichlorophenol	150.000	J	39	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,4-Dimethylphenol	71.000	J	28	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,4-Dinitrophenol	180.000	J	120	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,4-Dinitrotoluene	150.000	J	27	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2,6-Dinitrotoluene	140.000	J	21	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2-Chloronaphthalene	160.000	J	45	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2-Chlorophenol	160.000	J	28	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2-Methylnaphthalene	160.000	J	37	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2-Methylphenol	140.000	J	30	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2-Nitroaniline	140.000	J	22	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	2-Nitrophenol	150.000	J	32	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	3,3-Dichlorobenzidine	110.000	J	23	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	3-Nitroaniline	130.000	J	20	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4,6-Dinitro-2-methylphenol	150.000	J	16	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Bromophenyl-phenylether	150.000	J	45	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Chloro-3-methylphenol	140.000	J	28	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Chloroaniline	150.000	J	43	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Chlorophenyl-phenylether	160.000	J	47	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Methylphenol	150.000	J	32	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Nitroaniline	180.000	J	42	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Nitrophenol	170.000	J	41	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Acenaphthene	160.000	J	41	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Acenaphthylene	160.000	J	43	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Acetophenone	160.000	J	38	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Anthracene	140.000	J	43	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Atrazine	180.000	J	39	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzaldehyde	230.000	J	75	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzo(a)anthracene	150.000	J	39	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzo(a)pyrene	160.000	J	42	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzo(b)fluoranthene	150.000	J	42	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzo(g,h,i)perylene	160.000	J	35	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzo(k)fluoranthene	160.000	J	45	170	ug/Kg

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SDG No.: BM060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Bis(2-Chloroethoxy)methane	150.000	J	38	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Bis(2-Chloroethyl)ether	160.000	J	34	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Bis(2-ethylhexyl)phthalate	130.000	J	44	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Butylbenzylphthalate	130.000	J	32	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Caprolactam	150.000	J	120	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Carbazole	160.000	J	45	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Chrysene	150.000	J	45	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Di-n-butylphthalate	150.000	J	42	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Di-n-octyl phthalate	130.000	J	34	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Dibenzo(a,h)anthracene	150.000	J	37	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Dibenzofuran	160.000	J	46	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Diethylphthalate	160.000	J	60	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Dimethylphthalate	160.000	J	42	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Fluoranthene	140.000	J	44	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Fluorene	160.000	J	45	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Hexachlorobenzene	150.000	J	50	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Hexachlorobutadiene	150.000	J	34	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Hexachlorocyclopentadiene	200.000	J	79	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Hexachloroethane	150.000	J	23	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Indeno(1,2,3-cd)pyrene	160.000	J	37	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Isophorone	150.000	J	34	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	N-Nitroso-di-n-propylamine	150.000	J	29	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	N-Nitrosodiphenylamine	150.000	J	42	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Naphthalene	160.000	J	34	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Nitrobenzene	170.000		36	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Pentachlorobenzene	160.000	J	51	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Pentachlorophenol	240.000	J	87	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Phenanthrene	160.000	J	44	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Phenol	160.000	J	35	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Pyrene	150.000	J	44	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Pyridine	150.000	J	43	330	ug/Kg
Total Svoc :				10,979.00				
Total Concentration:				10,979.00				
Client ID :	MDL-MED-SOIL-QT2-2024-04							
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Total Alkanes	*	0.000	1300	4700	ug/Kg
Total Tics :				0.00				
P2409-06	MDL-MED-SOIL-QT2-2	Solid	1,1-Biphenyl	4,400.000	J	1300	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	1,2,3,4-Tetrachlorobenzene	3,800.000	J	1000	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	1,2,4,5-Tetrachlorobenzene	4,200.000	J	1400	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	1,4-Dioxane	1,000.000	J	370	1900	ug/Kg

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SDG No.: BM060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-06	MDL-MED-SOIL-QT2-2	Solid	1-Methylnaphthalene	4,700.000		1100	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,2-oxybis(1-Chloropropane)	4,900.000	J	730	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,3,4,6-Tetrachlorophenol	4,100.000	J	1100	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4,5-Trichlorophenol	4,100.000	J	1300	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4,6-Trichlorophenol	3,900.000	J	1100	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4-Dichlorophenol	4,400.000	J	1200	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4-Dimethylphenol	2,000.000	J	800	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4-Dinitrophenol	5,400.000	J	2800	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4-Dinitrotoluene	4,500.000	J	830	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,6-Dinitrotoluene	4,100.000	J	700	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Chloronaphthalene	4,400.000	J	1300	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Chlorophenol	4,500.000	J	830	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Methylnaphthalene	4,500.000	J	1100	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Methylphenol	4,000.000	J	900	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Nitroaniline	4,300.000	J	640	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Nitrophenol	4,400.000	J	1000	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	3,3-Dichlorobenzidine	3,100.000	J	700	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	3-Nitroaniline	4,200.000	J	640	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4,6-Dinitro-2-methylphenol	4,200.000	J	450	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Bromophenyl-phenylether	4,200.000	J	1200	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Chloro-3-methylphenol	4,300.000	J	840	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Chloroaniline	4,400.000	J	1200	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Chlorophenyl-phenylether	4,600.000	J	1500	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Methylphenol	4,500.000	J	820	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Nitroaniline	4,900.000	J	1000	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Nitrophenol	5,000.000	J	1200	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Acenaphthene	4,500.000	J	1200	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Acenaphthylene	4,500.000	J	1300	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Acetophenone	4,800.000	J	1000	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Anthracene	3,900.000	J	1300	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Atrazine	5,200.000	J	880	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzaldehyde	6,400.000	J	2100	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzo(a)anthracene	4,200.000	J	1200	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzo(a)pyrene	4,300.000	J	1400	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzo(b)fluoranthene	4,500.000	J	1200	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzo(g,h,i)perylene	4,000.000	J	1200	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzo(k)fluoranthene	4,500.000	J	1500	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Bis(2-Chloroethoxy)methane	4,400.000	J	1000	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Bis(2-Chloroethyl)ether	4,500.000	J	870	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Bis(2-ethylhexyl)phthalate	3,700.000	J	1400	4700	ug/Kg

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SDG No.: BM060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Butylbenzylphthalate	4,100.000	J	1000	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Caprolactam	4,500.000	J	2500	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Carbazole	4,300.000	J	1400	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Chrysene	4,200.000	J	1300	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Di-n-butylphthalate	4,300.000	J	1300	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Di-n-octyl phthalate	3,800.000	J	1000	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Dibenzo(a,h)anthracene	3,900.000	J	1200	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Dibenzofuran	4,600.000	J	1300	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Diethylphthalate	4,700.000		1700	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Dimethylphthalate	4,600.000	J	1200	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Fluoranthene	4,500.000	J	1200	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Fluorene	4,700.000		1300	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Hexachlorobenzene	4,300.000	J	1400	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Hexachlorobutadiene	4,300.000	J	1000	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Hexachlorocyclopentadiene	5,600.000	J	2300	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Hexachloroethane	4,400.000	J	550	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Indeno(1,2,3-cd)pyrene	3,900.000	J	1100	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Isophorone	4,500.000	J	860	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	N-Nitroso-di-n-propylamine	4,800.000		720	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	N-Nitrosodiphenylamine	4,200.000	J	1200	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Naphthalene	4,500.000	J	920	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Nitrobenzene	4,500.000	J	900	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Pentachlorobenzene	4,400.000	J	1500	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Pentachlorophenol	7,000.000	J	2400	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Phenanthrene	4,300.000	J	1300	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Phenol	4,500.000	J	940	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Pyrene	4,600.000	J	1300	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Pyridine	4,300.000	J	1200	9400	ug/Kg

Total Svoc :

314,700.00

Total Concentration:

314,700.00

Client ID : A4D16

P2586-03	A4D16	Solid	(DEL) Alkane: Cyclic21.797	*	850.000	J		
P2586-03	A4D16	Solid	(DEL) Alkane: Straight-Chain19.8	*	440.000	J		
P2586-03	A4D16	Solid	(DEL) Alkane: Straight-Chain20.7	*	1,000.000	J		
P2586-03	A4D16	Solid	(DEL) Alkane: Straight-Chain23.0	*	550.000	J		
P2586-03	A4D16	Solid	1-Phenoxypropan-2-ol	*	270.000	J		
P2586-03	A4D16	Solid	2-Bromo dodecane	*	390.000	J		
P2586-03	A4D16	Solid	n-Hexadecanoic acid	*	420.000	J		
P2586-03	A4D16	Solid	Total Alkanes	*	2,800.000		180	630 ug/Kg

Total Tics :

6,720.00



SDG No.: BM060424

Client:

Client ID : A4C28

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SDG No.: BM060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2586-14	A4C28	Solid	(DEL) Alkane: Straight-Chain20.7	*	290.000	J		
P2586-14	A4C28	Solid	(DEL) Alkane: Straight-Chain21.7	*	170.000	J		
P2586-14	A4C28	Solid	(DEL) Alkane: Straight-Chain23.6	*	160.000	J		
P2586-14	A4C28	Solid	(DEL) Alkane: Straight-Chain24.6	*	590.000	J		
P2586-14	A4C28	Solid	1-Heneicosanol	*	150.000	J		
P2586-14	A4C28	Solid	n-Hexadecanoic acid	*	110.000	J		
P2586-14	A4C28	Solid	Oxirane, hexadecyl-	*	420.000	J		
P2586-14	A4C28	Solid	Oxirane, tetradecyl-	*	130.000	J		
P2586-14	A4C28	Solid	Safrole	*	170.000	J		
P2586-14	A4C28	Solid	Total Alkanes	*	1,200.000	56	200	ug/Kg
Total Tics :					3,390.00			
P2586-14	A4C28	Solid	Benzo(a)anthracene		150.000	J	45	200 ug/Kg
P2586-14	A4C28	Solid	Benzo(a)pyrene		160.000	J	49	200 ug/Kg
P2586-14	A4C28	Solid	Benzo(b)fluoranthene		220.000		49	200 ug/Kg
P2586-14	A4C28	Solid	Benzo(g,h,i)perylene		130.000	J	41	200 ug/Kg
P2586-14	A4C28	Solid	Benzo(k)fluoranthene		85.000	J	52	200 ug/Kg
P2586-14	A4C28	Solid	Chrysene		160.000	J	52	200 ug/Kg
P2586-14	A4C28	Solid	Dibenzo(a,h)anthracene		56.000	J	43	200 ug/Kg
P2586-14	A4C28	Solid	Fluoranthene		240.000		51	200 ug/Kg
P2586-14	A4C28	Solid	Indeno(1,2,3-cd)pyrene		120.000	J	43	200 ug/Kg
P2586-14	A4C28	Solid	Phenanthrene		110.000	J	51	200 ug/Kg
P2586-14	A4C28	Solid	Pyrene		200.000		51	200 ug/Kg
Total Svoc :					1,631.00			
Total Concentration:					5,021.00			
Client ID : A4C29								
P2586-15	A4C29	Solid	(DEL) Alkane: Cyclic21.798	*	200.000	J		
P2586-15	A4C29	Solid	(DEL) Alkane: Straight-Chain21.7	*	190.000	J		
P2586-15	A4C29	Solid	(DEL) Alkane: Straight-Chain24.6	*	590.000	J		
P2586-15	A4C29	Solid	1,19-Eicosadiene	*	270.000	J		
P2586-15	A4C29	Solid	1,3-Benzodioxole, 5-(1-propenyl)-	*	84.000	J		
P2586-15	A4C29	Solid	Behenic alcohol	*	200.000	J		
P2586-15	A4C29	Solid	Eicosyl trifluoroacetate	*	320.000	J		
P2586-15	A4C29	Solid	n-Hexadecanoic acid	*	130.000	J		
P2586-15	A4C29	Solid	Octadecanal	*	550.000	J		
P2586-15	A4C29	Solid	Oxirane, tetradecyl-	*	180.000	J		
P2586-15	A4C29	Solid	Total Alkanes	*	980.000	52	190	ug/Kg
Total Tics :					3,694.00			
P2586-15	A4C29	Solid	Benzo(a)anthracene		70.000	J	43	190 ug/Kg
P2586-15	A4C29	Solid	Benzo(a)pyrene		90.000	J	46	190 ug/Kg
P2586-15	A4C29	Solid	Benzo(b)fluoranthene		120.000	J	46	190 ug/Kg

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2586-15	A4C29	Solid	Benzo(g,h,i)perylene	88.000	J	38	190	ug/Kg
P2586-15	A4C29	Solid	Benzo(k)fluoranthene	50.000	J	49	190	ug/Kg
P2586-15	A4C29	Solid	Chrysene	81.000	J	49	190	ug/Kg
P2586-15	A4C29	Solid	Fluoranthene	110.000	J	48	190	ug/Kg
P2586-15	A4C29	Solid	Indeno(1,2,3-cd)pyrene	73.000	J	40	190	ug/Kg
P2586-15	A4C29	Solid	Phenanthrene	69.000	J	48	190	ug/Kg
P2586-15	A4C29	Solid	Pyrene	91.000	J	48	190	ug/Kg
Total Svoc :				842.00				
Total Concentration:				4,536.00				
Client ID : A4C31								
P2586-16	A4C31	Solid	(DEL) Alkane: Straight-Chain20.7 *	330.000	J			
P2586-16	A4C31	Solid	(DEL) Alkane: Straight-Chain21.7 *	270.000	J			
P2586-16	A4C31	Solid	(DEL) Alkane: Straight-Chain23.6 *	510.000	J			
P2586-16	A4C31	Solid	(DEL) Alkane: Straight-Chain23.6 *	130.000	J			
P2586-16	A4C31	Solid	(DEL) Alkane: Straight-Chain24.6 *	800.000	J			
P2586-16	A4C31	Solid	1-Acetyl-2,3-naphthalenediol *	210.000	J			
P2586-16	A4C31	Solid	1-Heneicosyl formate *	220.000	J			
P2586-16	A4C31	Solid	n-Hexadecanoic acid *	130.000	J			
P2586-16	A4C31	Solid	Octadecanal *	490.000	J			
P2586-16	A4C31	Solid	Oxirane, hexadecyl-	130.000	J			
P2586-16	A4C31	Solid	Safrole *	360.000	J			
P2586-16	A4C31	Solid	Total Alkanes *	2,000.000		57	200	ug/Kg
Total Tics :				5,580.00				
P2586-16	A4C31	Solid	Fluoranthene	67.000	J	52	200	ug/Kg
P2586-16	A4C31	Solid	Pyrene	58.000	J	52	200	ug/Kg
Total Svoc :				125.00				
Total Concentration:				5,705.00				
Client ID : BH5W2								
P2589-01	BH5W2	Solid	1-Phenoxypropan-2-ol *	120.000	J			
P2589-01	BH5W2	Solid	Total Alkanes *	0.000		55	200	ug/Kg
Total Tics :				120.00				
P2589-01	BH5W2	Solid	Fluoranthene	65.000	J	51	200	ug/Kg
P2589-01	BH5W2	Solid	Pyrene	65.000	J	51	200	ug/Kg
Total Svoc :				130.00				
Total Concentration:				250.00				
Client ID : BH6C4								
P2589-10	BH6C4	Solid	(DEL) Alkane: Straight-Chain20.7 *	160.000	J			
P2589-10	BH6C4	Solid	(DEL) Alkane: Straight-Chain24.6 *	110.000	J			
P2589-10	BH6C4	Solid	Anthracene, 2-methyl-	220.000	J			

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2589-10	BH6C4	Solid	Carbonic acid, prop-1-en-2-yl tetr	*	79.000	J		
P2589-10	BH6C4	Solid	Cyclopenta(def)phenanthrene	*	92.000	J		
P2589-10	BH6C4	Solid	Methacrylamide	*	200.000	J		
P2589-10	BH6C4	Solid	Perylene	*	210.000	J		
P2589-10	BH6C4	Solid	Phenanthrene, 1-methyl-	*	85.000	J		
P2589-10	BH6C4	Solid	Phenanthrene, 4,5-dimethyl-	*	95.000	J		
P2589-10	BH6C4	Solid	unknown-01	*	130.000	J		
P2589-10	BH6C4	Solid	Total Alkanes	*	270.000		56	200 ug/Kg
Total Tics :					1,651.00			
P2589-10	BH6C4	Solid	Anthracene		57.000	J	50	200 ug/Kg
P2589-10	BH6C4	Solid	Benzo(a)anthracene		320.000		45	200 ug/Kg
P2589-10	BH6C4	Solid	Benzo(a)pyrene		350.000		49	200 ug/Kg
P2589-10	BH6C4	Solid	Benzo(b)fluoranthene		520.000		49	200 ug/Kg
P2589-10	BH6C4	Solid	Benzo(g,h,i)perylene		200.000		41	200 ug/Kg
P2589-10	BH6C4	Solid	Benzo(k)fluoranthene		150.000	J	52	200 ug/Kg
P2589-10	BH6C4	Solid	Bis(2-ethylhexyl)phthalate		220.000		51	200 ug/Kg
P2589-10	BH6C4	Solid	Butylbenzylphthalate		41.000	J	37	200 ug/Kg
P2589-10	BH6C4	Solid	Chrysene		400.000		52	200 ug/Kg
P2589-10	BH6C4	Solid	Dibenzo(a,h)anthracene		64.000	J	43	200 ug/Kg
P2589-10	BH6C4	Solid	Fluoranthene		710.000		51	200 ug/Kg
P2589-10	BH6C4	Solid	Indeno(1,2,3-cd)pyrene		200.000		43	200 ug/Kg
P2589-10	BH6C4	Solid	Phenanthrene		340.000		51	200 ug/Kg
P2589-10	BH6C4	Solid	Pyrene		670.000		51	200 ug/Kg
Total Svoc :					4,242.00			
Total Concentration:					5,893.00			
Client ID : BH6C5								
P2589-11	BH6C5	Solid	(DEL) Alkane: Straight-Chain20.7	*	87.000	J		
P2589-11	BH6C5	Solid	Total Alkanes	*	87.000		54	190 ug/Kg
Total Tics :					174.00			
P2589-11	BH6C5	Solid	Benzo(a)anthracene		52.000	J	44	190 ug/Kg
P2589-11	BH6C5	Solid	Benzo(a)pyrene		54.000	J	47	190 ug/Kg
P2589-11	BH6C5	Solid	Benzo(b)fluoranthene		77.000	J	47	190 ug/Kg
P2589-11	BH6C5	Solid	Chrysene		62.000	J	50	190 ug/Kg
P2589-11	BH6C5	Solid	Fluoranthene		100.000	J	49	190 ug/Kg
P2589-11	BH6C5	Solid	Pyrene		96.000	J	49	190 ug/Kg
Total Svoc :					441.00			
Total Concentration:					615.00			
Client ID : BH6C6								
P2589-12	BH6C6	Solid	Total Alkanes	*	0.000		55	200 ug/Kg
Total Tics :					0.00			

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				0.00				
Client ID : BH6C7								
P2589-13	BH6C7	Solid	1,4-Benzenedicarboxylic acid, bis *	130.000	J			
P2589-13	BH6C7	Solid	Hexacosyl pentafluoropropionate *	84.000	J			
P2589-13	BH6C7	Solid	n-Hexadecanoic acid *	110.000	J			
P2589-13	BH6C7	Solid	Total Alkanes *	0.000		56	200	ug/Kg
Total Tics :				324.00				
P2589-13	BH6C7	Solid	Benzo(a)anthracene	78.000	J	45	200	ug/Kg
P2589-13	BH6C7	Solid	Benzo(a)pyrene	73.000	J	49	200	ug/Kg
P2589-13	BH6C7	Solid	Benzo(b)fluoranthene	110.000	J	49	200	ug/Kg
P2589-13	BH6C7	Solid	Benzo(g,h,i)perylene	46.000	J	41	200	ug/Kg
P2589-13	BH6C7	Solid	Chrysene	91.000	J	52	200	ug/Kg
P2589-13	BH6C7	Solid	Fluoranthene	170.000	J	51	200	ug/Kg
P2589-13	BH6C7	Solid	Phenanthrene	110.000	J	51	200	ug/Kg
P2589-13	BH6C7	Solid	Pyrene	150.000	J	51	200	ug/Kg
Total Svoc :				828.00				
Total Concentration:				1,152.00				
Client ID : BH6C8								
P2589-14	BH6C8	Solid	1H-Cyclopropa[1]phenanthrene,1a *	280.000	J			
P2589-14	BH6C8	Solid	9,10-Anthracenedione *	130.000	J			
P2589-14	BH6C8	Solid	Benzaldehyde, 3,5-dichloro-2-hyd *	130.000	J			
P2589-14	BH6C8	Solid	Total Alkanes *	0.000		63	220	ug/Kg
Total Tics :				540.00				
P2589-14	BH6C8	Solid	Anthracene	63.000	J	56	220	ug/Kg
P2589-14	BH6C8	Solid	Benzo(a)anthracene	390.000		51	220	ug/Kg
P2589-14	BH6C8	Solid	Benzo(a)pyrene	410.000		55	220	ug/Kg
P2589-14	BH6C8	Solid	Benzo(b)fluoranthene	650.000		55	220	ug/Kg
P2589-14	BH6C8	Solid	Benzo(g,h,i)perylene	330.000		46	220	ug/Kg
P2589-14	BH6C8	Solid	Benzo(k)fluoranthene	210.000	J	59	220	ug/Kg
P2589-14	BH6C8	Solid	Bis(2-ethylhexyl)phthalate	300.000		57	220	ug/Kg
P2589-14	BH6C8	Solid	Butylbenzylphthalate	110.000	J	42	220	ug/Kg
P2589-14	BH6C8	Solid	Carbazole	69.000	J	59	430	ug/Kg
P2589-14	BH6C8	Solid	Chrysene	520.000		59	220	ug/Kg
P2589-14	BH6C8	Solid	Dibenzo(a,h)anthracene	100.000	J	48	220	ug/Kg
P2589-14	BH6C8	Solid	Fluoranthene	990.000		57	220	ug/Kg
P2589-14	BH6C8	Solid	Indeno(1,2,3-cd)pyrene	320.000		48	220	ug/Kg
P2589-14	BH6C8	Solid	Phenanthrene	440.000		57	220	ug/Kg
P2589-14	BH6C8	Solid	Pyrene	860.000		57	220	ug/Kg
Total Svoc :				5,762.00				



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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Concentration:				6,302.00				
Client ID : BH6C9								
P2589-15	BH6C9	Solid	n-Hexadecanoic acid	*	330.000	J		
P2589-15	BH6C9	Solid	Octadecanoic acid	*	110.000	J		
P2589-15	BH6C9	Solid	Total Alkanes	*	0.000	59	210	ug/Kg
Total Tics :				440.00				
P2589-15	BH6C9	Solid	Benzo(a)anthracene		200.000	J	48	210 ug/Kg
P2589-15	BH6C9	Solid	Benzo(a)pyrene		220.000	J	52	210 ug/Kg
P2589-15	BH6C9	Solid	Benzo(b)fluoranthene		360.000	J	52	210 ug/Kg
P2589-15	BH6C9	Solid	Benzo(g,h,i)perylene		180.000	J	43	210 ug/Kg
P2589-15	BH6C9	Solid	Benzo(k)fluoranthene		120.000	J	55	210 ug/Kg
P2589-15	BH6C9	Solid	Bis(2-ethylhexyl)phthalate		200.000	J	54	210 ug/Kg
P2589-15	BH6C9	Solid	Butylbenzylphthalate		64.000	J	39	210 ug/Kg
P2589-15	BH6C9	Solid	Chrysene		290.000	J	55	210 ug/Kg
P2589-15	BH6C9	Solid	Dibenzo(a,h)anthracene		55.000	J	45	210 ug/Kg
P2589-15	BH6C9	Solid	Fluoranthene		630.000	J	54	210 ug/Kg
P2589-15	BH6C9	Solid	Indeno(1,2,3-cd)pyrene		170.000	J	45	210 ug/Kg
P2589-15	BH6C9	Solid	Phenanthrene		280.000	J	54	210 ug/Kg
P2589-15	BH6C9	Solid	Pyrene		520.000	J	54	210 ug/Kg
Total Svoc :				3,289.00				
Total Concentration:				3,729.00				
Client ID : BH6D0								
P2589-16	BH6D0	Solid	(DEL) Alkane: Straight-Chain20.7	*	110.000	J		
P2589-16	BH6D0	Solid	n-Hexadecanoic acid	*	290.000	J		
P2589-16	BH6D0	Solid	Pentadecanoic acid	*	85.000	J		
P2589-16	BH6D0	Solid	Total Alkanes	*	110.000	56	200	ug/Kg
Total Tics :				595.00				
P2589-16	BH6D0	Solid	Benzo(a)anthracene		71.000	J	46	200 ug/Kg
P2589-16	BH6D0	Solid	Benzo(a)pyrene		73.000	J	49	200 ug/Kg
P2589-16	BH6D0	Solid	Benzo(b)fluoranthene		110.000	J	49	200 ug/Kg
P2589-16	BH6D0	Solid	Benzo(g,h,i)perylene		54.000	J	41	200 ug/Kg
P2589-16	BH6D0	Solid	Chrysene		81.000	J	53	200 ug/Kg
P2589-16	BH6D0	Solid	Fluoranthene		150.000	J	51	200 ug/Kg
P2589-16	BH6D0	Solid	Indeno(1,2,3-cd)pyrene		47.000	J	43	200 ug/Kg
P2589-16	BH6D0	Solid	Phenanthrene		66.000	J	51	200 ug/Kg
P2589-16	BH6D0	Solid	Pyrene		130.000	J	51	200 ug/Kg
Total Svoc :				782.00				
Total Concentration:				1,377.00				
Client ID : BH6D1								

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2589-17	BH6D1	Solid	(DEL) Alkane: Straight-Chain20.7	*	140.000	J		
P2589-17	BH6D1	Solid	(DEL) Alkane: Straight-Chain22.3	*	81.000	J		
P2589-17	BH6D1	Solid	n-Hexadecanoic acid	*	180.000	J		
P2589-17	BH6D1	Solid	Total Alkanes	*	220.000		54	190 ug/Kg
Total Tics :					621.00			
P2589-17	BH6D1	Solid	Benzo(b)fluoranthene		62.000	J	48	190 ug/Kg
P2589-17	BH6D1	Solid	Fluoranthene		97.000	J	50	190 ug/Kg
P2589-17	BH6D1	Solid	Pyrene		85.000	J	50	190 ug/Kg
Total Svoc :					244.00			
Total Concentration:					865.00			
Client ID : BH6D2								
P2589-18	BH6D2	Solid	(DEL) Alkane: Straight-Chain20.7	*	110.000	J		
P2589-18	BH6D2	Solid	n-Hexadecanoic acid	*	120.000	J		
P2589-18	BH6D2	Solid	Total Alkanes	*	110.000		56	200 ug/Kg
Total Tics :					340.00			
P2589-18	BH6D2	Solid	Benzo(b)fluoranthene		60.000	J	49	200 ug/Kg
P2589-18	BH6D2	Solid	Fluoranthene		78.000	J	51	200 ug/Kg
P2589-18	BH6D2	Solid	Pyrene		71.000	J	51	200 ug/Kg
Total Svoc :					209.00			
Total Concentration:					549.00			
Client ID : BH6D3								
P2589-19	BH6D3	Solid	11H-Benzo[a]fluoren-11-one	*	130.000	J		
P2589-19	BH6D3	Solid	11H-Benzo[b]fluorene	*	140.000	J		
P2589-19	BH6D3	Solid	7H-Benz[de]anthracen-7-one	*	120.000	J		
P2589-19	BH6D3	Solid	9,10-Anthracenedione	*	310.000	J		
P2589-19	BH6D3	Solid	9H-Fluoren-9-one	*	120.000	J		
P2589-19	BH6D3	Solid	Anthracene, 9-methyl-	*	130.000	J		
P2589-19	BH6D3	Solid	Benzaldehyde, 3,5-dichloro-2-hyd	*	270.000	J		
P2589-19	BH6D3	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	100.000	J		
P2589-19	BH6D3	Solid	Benzo[e]pyrene	*	550.000	J		
P2589-19	BH6D3	Solid	cyclopent[hi]aceanthrylene-2,7-di	*	93.000	J		
P2589-19	BH6D3	Solid	Cyclopenta(def)phenanthrenone	*	200.000	J		
P2589-19	BH6D3	Solid	Cyclopenta[cd]pyrene	*	190.000	J		
P2589-19	BH6D3	Solid	Dibenzothiophene	*	99.000	J		
P2589-19	BH6D3	Solid	Naphthalic anhydride	*	220.000	J		
P2589-19	BH6D3	Solid	Phenanthrene, 1-methyl-	*	500.000	J		
P2589-19	BH6D3	Solid	Phenanthrene, 2-methyl-	*	180.000	J		
P2589-19	BH6D3	Solid	Pyrene, 1-methyl-	*	89.000	J		
P2589-19	BH6D3	Solid	Pyrene, 2-methyl-	*	130.000	J		
P2589-19	BH6D3	Solid	Tricyclo[8.2.2.2(4,7)]hexadeca-2,4	*	110.000	J		

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Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2589-19	BH6D3	Solid	Total Alkanes	*	0.000	61	220	ug/Kg
Total Tics :				3,681.00				
P2589-19	BH6D3	Solid	Acenaphthene	74.000	J	52	220	ug/Kg
P2589-19	BH6D3	Solid	Acenaphthylene	71.000	J	55	220	ug/Kg
P2589-19	BH6D3	Solid	Anthracene	210.000	J	55	220	ug/Kg
P2589-19	BH6D3	Solid	Benzo(a)anthracene	790.000		49	220	ug/Kg
P2589-19	BH6D3	Solid	Benzo(a)pyrene	850.000		53	220	ug/Kg
P2589-19	BH6D3	Solid	Benzo(b)fluoranthene	1,300.000		53	220	ug/Kg
P2589-19	BH6D3	Solid	Benzo(g,h,i)perylene	580.000		44	220	ug/Kg
P2589-19	BH6D3	Solid	Benzo(k)fluoranthene	420.000		57	220	ug/Kg
P2589-19	BH6D3	Solid	Bis(2-ethylhexyl)phthalate	1,300.000		56	220	ug/Kg
P2589-19	BH6D3	Solid	Butylbenzylphthalate	380.000		41	220	ug/Kg
P2589-19	BH6D3	Solid	Carbazole	170.000	J	57	420	ug/Kg
P2589-19	BH6D3	Solid	Chrysene	1,000.000		57	220	ug/Kg
P2589-19	BH6D3	Solid	Di-n-butylphthalate	160.000	J	53	220	ug/Kg
P2589-19	BH6D3	Solid	Dibenzo(a,h)anthracene	180.000	J	47	220	ug/Kg
P2589-19	BH6D3	Solid	Dibenzofuran	67.000	J	58	220	ug/Kg
P2589-19	BH6D3	Solid	Fluoranthene	2,400.000		56	220	ug/Kg
P2589-19	BH6D3	Solid	Fluorene	80.000	J	57	220	ug/Kg
P2589-19	BH6D3	Solid	Indeno(1,2,3-cd)pyrene	580.000		47	220	ug/Kg
P2589-19	BH6D3	Solid	Phenanthrene	1,200.000		56	220	ug/Kg
P2589-19	BH6D3	Solid	Pyrene	1,900.000		56	220	ug/Kg
Total Svoc :				13,712.00				
Total Concentration:				17,393.00				

Client ID : BH6D4

P2589-20	BH6D4	Solid	11H-Benzo[a]fluoren-11-one	*	98.000	J		
P2589-20	BH6D4	Solid	6H-Benz[de]anthracen-6-one	*	92.000	J		
P2589-20	BH6D4	Solid	9,10-Anthracenedione	*	200.000	J		
P2589-20	BH6D4	Solid	9H-Fluoren-9-one	*	82.000	J		
P2589-20	BH6D4	Solid	Benz(a)anthracene-7,12-dione	*	90.000	J		
P2589-20	BH6D4	Solid	Benz[c]acridine	*	130.000	J		
P2589-20	BH6D4	Solid	Benzo[e]pyrene	*	320.000	J		
P2589-20	BH6D4	Solid	Cyclopenta(def)phenanthrenone	*	110.000	J		
P2589-20	BH6D4	Solid	Naphthalic anhydride	*	120.000	J		
P2589-20	BH6D4	Solid	Phenanthrene, 1-methyl-	*	85.000	J		
P2589-20	BH6D4	Solid	Phenanthrene, 2-methyl-	*	230.000	J		
P2589-20	BH6D4	Solid	Propyne, 1,3-diphenyl-	*	120.000	J		
P2589-20	BH6D4	Solid	unknown-01	*	110.000	J		
P2589-20	BH6D4	Solid	Total Alkanes	*	0.000	59	210	ug/Kg
Total Tics :				1,787.00				

Hit Summary Sheet SW-846

SDG No.: BM060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2589-20	BH6D4	Solid	Anthracene	67.000	J	53	210	ug/Kg
P2589-20	BH6D4	Solid	Benzo(a)anthracene	340.000		48	210	ug/Kg
P2589-20	BH6D4	Solid	Benzo(a)pyrene	440.000		52	210	ug/Kg
P2589-20	BH6D4	Solid	Benzo(b)fluoranthene	670.000		52	210	ug/Kg
P2589-20	BH6D4	Solid	Benzo(g,h,i)perylene	360.000		43	210	ug/Kg
P2589-20	BH6D4	Solid	Benzo(k)fluoranthene	240.000		55	210	ug/Kg
P2589-20	BH6D4	Solid	Bis(2-ethylhexyl)phthalate	160.000	J	54	210	ug/Kg
P2589-20	BH6D4	Solid	Butylbenzylphthalate	55.000	J	39	210	ug/Kg
P2589-20	BH6D4	Solid	Carbazole	88.000	J	55	410	ug/Kg
P2589-20	BH6D4	Solid	Chrysene	540.000		55	210	ug/Kg
P2589-20	BH6D4	Solid	Di-n-butylphthalate	460.000		52	210	ug/Kg
P2589-20	BH6D4	Solid	Dibenzo(a,h)anthracene	110.000	J	45	210	ug/Kg
P2589-20	BH6D4	Solid	Fluoranthene	1,100.000		54	210	ug/Kg
P2589-20	BH6D4	Solid	Indeno(1,2,3-cd)pyrene	350.000		45	210	ug/Kg
P2589-20	BH6D4	Solid	Phenanthrene	630.000		54	210	ug/Kg
P2589-20	BH6D4	Solid	Pyrene	890.000		54	210	ug/Kg
Total Svoc :				6,500.00				
Total Concentration:				8,287.00				
Client ID : BH6D5								
P2589-21	BH6D5	Solid	(DEL) Alkane: Straight-Chain20.7 *	110.000	J			
P2589-21	BH6D5	Solid	n-Hexadecanoic acid *	100.000	J			
P2589-21	BH6D5	Solid	Total Alkanes *	110.000		56	200	ug/Kg
Total Tics :				320.00				
P2589-21	BH6D5	Solid	Benzo(a)anthracene	55.000	J	45	200	ug/Kg
P2589-21	BH6D5	Solid	Benzo(a)pyrene	56.000	J	49	200	ug/Kg
P2589-21	BH6D5	Solid	Benzo(b)fluoranthene	83.000	J	49	200	ug/Kg
P2589-21	BH6D5	Solid	Benzo(g,h,i)perylene	47.000	J	41	200	ug/Kg
P2589-21	BH6D5	Solid	Chrysene	70.000	J	52	200	ug/Kg
P2589-21	BH6D5	Solid	Fluoranthene	120.000	J	51	200	ug/Kg
P2589-21	BH6D5	Solid	Phenanthrene	68.000	J	51	200	ug/Kg
P2589-21	BH6D5	Solid	Pyrene	100.000	J	51	200	ug/Kg
Total Svoc :				599.00				
Total Concentration:				919.00				
Client ID : BH6D6								
P2589-22	BH6D6	Solid	n-Hexadecanoic acid *	90.000	J			
P2589-22	BH6D6	Solid	Total Alkanes *	0.000		56	200	ug/Kg
Total Tics :				90.00				
P2589-22	BH6D6	Solid	Benzo(a)pyrene	50.000	J	49	200	ug/Kg
P2589-22	BH6D6	Solid	Benzo(b)fluoranthene	75.000	J	49	200	ug/Kg
P2589-22	BH6D6	Solid	Benzo(g,h,i)perylene	43.000	J	41	200	ug/Kg



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

Hit Summary Sheet
SW-846

SDG No.: BM060424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2589-22	BH6D6	Solid	Chrysene	59.000	J	53	200	ug/Kg
P2589-22	BH6D6	Solid	Fluoranthene	110.000	J	51	200	ug/Kg
P2589-22	BH6D6	Solid	Pyrene	93.000	J	51	200	ug/Kg
Total Svoc :				430.00				
Total Concentration:				520.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM

Case No.: BM053124

SAS No.: BM053124

SDG No.: BM053124

Instrument ID:

Calibration Date(s): 5/31/2024

Calibration Time(s): 09:07

LAB FILE ID:		RRFAL1 = BM045789.D		RRFAL2 = BM045790.D		RRFAL3 = BM045791.D		
		RRFAL4 = BM045792.D		RRFAL5 = BM045793.D		RRFAL6 = BM045794.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.574	0.543	0.639	0.554	0.545		0.571	7.0
Benzaldehyde		0.996	0.567	1.012	0.819	0.602	0.799	26.3
Pyridine		1.104	1.449	1.434	1.431	1.403	1.364	10.7
Hexachloroethane	0.597	0.610	0.728	0.644	0.631		0.642	8.0
Nitrobenzene	0.398	0.427	0.500	0.435	0.428		0.438	8.6
Isophorone	0.685	0.732	0.878	0.793	0.779		0.773	9.4
2-Nitrophenol	0.146	0.160	0.195	0.179	0.184		0.173	11.4
2,4-Dimethylphenol	0.327	0.320	0.404	0.354	0.350		0.351	9.4
Bis(2-Chloroethoxy)methane	0.429	0.449	0.530	0.468	0.471		0.469	8.1
2,4-Dichlorophenol	0.264	0.275	0.339	0.302	0.298		0.296	9.9
Naphthalene	1.023	1.032	1.200	1.047	1.030		1.066	7.0
4-Chloroaniline		0.389	0.445	0.414	0.391	0.368	0.401	7.3
Hexachlorobutadiene	0.195	0.192	0.226	0.199	0.201		0.203	6.7
Phenol		1.653	2.020	1.721	1.731	1.686	1.762	8.4
Caprolactam		0.066	0.085	0.092	0.086	0.087	0.083	12.1
4-Chloro-3-methylphenol	0.276	0.302	0.362	0.338	0.326		0.321	10.3
1-Methylnaphthalene	0.670	0.688	0.794	0.701	0.677		0.706	7.2
2-Methylnaphthalene	0.673	0.686	0.789	0.700	0.684		0.706	6.7
Hexachlorocyclopentadiene		0.307	0.380	0.355	0.390	0.386	0.364	9.4
2,4,6-Trichlorophenol	0.277	0.309	0.390	0.372	0.394		0.348	15.1
2,4,5-Trichlorophenol	0.312	0.346	0.419	0.400	0.415		0.378	12.5
1,1-Biphenyl	1.400	1.428	1.663	1.455	1.474		1.484	7.0
2-Chloronaphthalene	1.102	1.123	1.295	1.137	1.157		1.163	6.6
2-Nitroaniline	0.319	0.358	0.443	0.434	0.431		0.397	14.0
Bis(2-Chloroethyl)ether		1.385	1.699	1.440	1.457	1.374	1.471	9.0
Dimethylphthalate	1.301	1.334	1.547	1.457	1.390		1.406	7.0
2,6-Dinitrotoluene	0.223	0.240	0.298	0.295	0.297		0.270	13.3
Acenaphthylene	1.733	1.811	2.080	1.859	1.822		1.861	7.0
3-Nitroaniline		0.217	0.221	0.285	0.262	0.255	0.248	11.6
Acenaphthene	1.166	1.208	1.385	1.237	1.213		1.242	6.8
2,4-Dinitrophenol		0.098	0.090	0.119	0.139	0.171	0.123	26.5
4-Nitrophenol		0.205	0.263	0.271	0.248	0.246	0.247	10.4
Dibenzofuran	1.611	1.652	1.865	1.663	1.582		1.675	6.6
2,4-Dinitrotoluene	0.296	0.339	0.418	0.424	0.395		0.374	14.7
Diethylphthalate	1.250	1.318	1.566	1.500	1.406		1.408	9.2
2-Chlorophenol	1.219	1.284	1.534	1.331	1.318		1.337	8.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM053124 SAS No.: BM053124 SDG No.: BM053124

Instrument ID: _____ Calibration Date(s): 5/31/2024 : _____

Calibration Time(s): 09:07 : _____

LAB FILE ID:		RRFAL1 = BM045789.D		RRFAL2 = BM045790.D		RRFAL3 = BM045791.D		
		RRFAL4 = BM045792.D		RRFAL5 = BM045793.D		RRFAL6 = BM045794.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.288	1.312	1.512	1.371	1.264		1.349	7.4
4-Chlorophenyl-phenylether	0.644	0.651	0.748	0.673	0.632		0.670	6.9
4-Nitroaniline		0.194	0.168	0.253	0.212	0.205	0.206	15.0
4,6-Dinitro-2-methylphenol		0.086	0.117	0.116	0.119	0.122	0.112	13.0
N-Nitrosodiphenylamine	0.534	0.554	0.643	0.551	0.551		0.567	7.6
1,2,4,5-Tetrachlorobenzene	0.559	0.575	0.672	0.585	0.605		0.599	7.4
4-Bromophenyl-phenylether	0.195	0.203	0.234	0.203	0.207		0.209	7.2
Hexachlorobenzene	0.216	0.224	0.261	0.225	0.228		0.231	7.5
Atrazine		0.173	0.178	0.186	0.167	0.155	0.172	6.9
Pentachlorophenol		0.081	0.111	0.123	0.131	0.139	0.117	19.5
2-Methylphenol		1.160	1.446	1.281	1.305	1.259	1.290	8.0
Phenanthrene	0.996	1.024	1.177	1.051	1.021		1.054	6.8
Pentachlorobenzene	0.282	0.286	0.328	0.272	0.282		0.290	7.6
Anthracene	1.000	1.023	1.194	1.040	1.006		1.053	7.6
1,2,3,4-Tetrachlorobenzene	0.292	0.302	0.346	0.288	0.322		0.310	7.7
Carbazole		0.848	1.013	0.929	0.868	0.831	0.898	8.3
Di-n-butylphthalate	0.980	1.062	1.337	1.285	1.243		1.181	12.9
Fluoranthene	1.412	1.472	1.666	1.455	1.535		1.508	6.5
Pyrene	1.477	1.547	1.727	1.479	1.516		1.549	6.7
Butylbenzylphthalate	0.490	0.547	0.696	0.692	0.731		0.631	16.8
3,3-Dichlorobenzidine		0.343	0.407	0.439	0.412	0.375	0.395	9.4
2,2-oxybis(1-Chloropropane)		2.861	3.369	2.871	2.782	2.602	2.897	9.8
Benzo(a)anthracene	1.284	1.312	1.523	1.393	1.393		1.381	6.8
Chrysene	1.204	1.234	1.411	1.270	1.269		1.278	6.2
Bis(2-ethylhexyl)phthalate	0.718	0.815	1.050	1.050	1.057		0.938	17.1
Di-n-octyl phthalate		1.251	1.620	1.587	1.666	1.525	1.530	10.7
Benzo(b)fluoranthene	1.121	1.175	1.363	1.227	1.259		1.229	7.4
Benzo(k)fluoranthene	1.119	1.142	1.319	1.208	1.214		1.201	6.5
Benzo(a)pyrene	0.970	0.995	1.201	1.110	1.123		1.080	8.9
Indeno(1,2,3-cd)pyrene	1.063	1.075	1.291	1.216	1.252		1.179	8.8
Dibenzo(a,h)anthracene	0.832	0.856	1.027	0.961	0.989		0.933	9.1
Benzo(g,h,i)perylene	0.940	0.974	1.141	1.064	1.076		1.039	7.8
Acetophenone		2.121	2.530	2.143	2.055	1.847	2.139	11.6
2,3,4,6-Tetrachlorophenol	0.214	0.254	0.323	0.321	0.316		0.286	17.3
1,4-Dioxane-d8	0.527	0.471	0.574	0.511	0.496		0.516	7.4
Pyridine-d5		1.045	1.440	1.344	1.381	1.431	1.328	12.3

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.: BM053124 SAS No.: BM053124 SDG No.: BM053124
Instrument ID: _____ Calibration Date(s): 5/31/2024 : _____
Calibration Time(s): 09:07 _____

LAB FILE ID:		RRFAL1 = BM045789.D			RRFAL2 = BM045790.D		RRFAL3 = BM045791.D	
		RRFAL4 = BM045792.D			RRFAL5 = BM045793.D		RRFAL6 = BM045794.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.567	1.907	1.667	1.688	1.666	1.699	7.4
Bis-(2-Chloroethyl)ether-d8		1.174	1.415	1.200	1.191	1.120	1.220	9.3
2-Chlorophenol-d4	1.088	1.179	1.476	1.291	1.313		1.269	11.6
4-Methylphenol-d8		1.164	1.450	1.275	1.291	1.239	1.284	8.2
Nitrobenzene-d5	0.142	0.147	0.172	0.159	0.162		0.156	7.7
2-Nitrophenol-d4	0.127	0.139	0.182	0.166	0.177		0.158	15.3
2,4-Dichlorophenol-d3	0.254	0.276	0.336	0.307	0.311		0.297	10.7
4-Chloroaniline-d4		0.393	0.449	0.423	0.403	0.386	0.411	6.2
4-Methylphenol		1.271	1.572	1.344	1.313	1.176	1.335	11.0
Dimethylphthalate-d6	1.269	1.304	1.531	1.427	1.391		1.385	7.5
Acenaphthylene-d8	1.443	1.520	1.797	1.642	1.637		1.608	8.4
4-Nitrophenol-d4		0.244	0.315	0.324	0.307	0.304	0.299	10.5
Fluorene-d10	1.097	1.150	1.306	1.203	1.150		1.181	6.7
4,6-Dinitro-2-methylphenol-		0.073	0.101	0.107	0.113	0.117	0.102	17.2
Anthracene-d10	0.798	0.832	0.978	0.880	0.859		0.869	7.8
Pyrene-d10	1.158	1.201	1.375	1.219	1.266		1.244	6.6
Benzo(a)pyrene-d12	0.797	0.866	1.049	0.975	0.988		0.935	10.9
N-Nitroso-di-n-propylamine	1.078	1.152	1.369	1.183	1.129		1.182	9.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM060424 SAS No.: BM060424 SDG NO.: BM060424

EPA Sample No.: SSTD020036 Date Analyzed: Jun 4 2024 12:00AM

Lab File ID: BM045791.D Time Analyzed: 11:37

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	224754	7.469	951354	10.23	577583	14.11
UPPER LIMIT	449508	7.969	1902708	10.734	1155166	14.61
LOWER LIMIT	112377	6.969	475677	9.734	288791.5	13.61
EPA SAMPLE NO.						
01 SBLK908	341780	7.47	1.46911e	10.23	956704	14.11
02 MDL-WATER-QT2-2024-04	254345	7.46	1.04159e	10.23	622219	14.11
03 MDL-SOIL-QT2-2024-04	262685	7.46	1.06427e	10.23	642690	14.11
04 MDL-MED-SOIL-QT2-2024-04	300985	7.47	1.28706e	10.23	819532	14.11
05 SBLK910	300603	7.47	1.29748e	10.23	838626	14.11
06 SBLK913	258336	7.46	1.08663e	10.23	695861	14.11
07 SBLK139	284866	7.47	1.20231e	10.23	784316	14.11
08 BH5W2	220031	7.47	926214	10.23	582939	14.11
09 BH6C4	250933	7.47	1.06387e	10.23	661548	14.11
10 BH6C5	263485	7.46	1.11732e	10.23	708931	14.11
11 BH6C6	240742	7.47	1.0023e+	10.23	625934	14.11
12 BH6C7	250944	7.47	1.05326e	10.23	656363	14.11
13 BH6C8	316048	7.46	1.2902e+	10.23	734010	14.11
14 BH6C9	351808	7.46	1.47098e	10.23	905127	14.11
15 BH6D0	303227	7.46	1.28591e	10.23	788664	14.11
16 BH6D1	273770	7.46	1.17335e	10.23	740950	14.11
17 BH6D2	311835	7.46	1.29654e	10.23	752351	14.11
18 BH6D3	305141	7.46	1.29662e	10.23	812543	14.11
19 SLCS139	300314	7.46	1.30028e	10.23	793093	14.10
20 SBLK208	336781	7.46	1.38776e	10.23	818163	14.11
21 BH6D4	284865	7.46	1.18918e	10.23	705495	14.11
22 BH6D5	301109	7.46	1.22586e	10.23	698776	14.11
23 BH6D6	311092	7.46	1.28561e	10.23	737145	14.11

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM060424 SAS No.: BM060424 SDG NO.: BM060424

EPA Sample No.: SSTD020036 Date Analyzed: Jun 5 2024 12:00AM

Lab File ID: BM045791.D Time Analyzed: 05:04

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	224754	7.469	951354	10.23	577583	14.11
UPPER LIMIT	449508	7.969	1902708	10.734	1155166	14.61
LOWER LIMIT	112377	6.969	475677	9.734	288791.5	13.61
EPA SAMPLE NO.						
24 A4D18	352741	7.46	1.40646e	10.23	783468	14.11
25 A4D18MS	262413	7.46	1.05145e	10.23	588478	14.10
26 A4D18MSD	298239	7.46	1.19409e	10.23	657232	14.10
27 A4C28	287346	7.46	1.17792e	10.23	681038	14.11
28 A4C29	297251	7.46	1.18849e	10.23	667813	14.11
29 A4C31	322568	7.46	1.27936e	10.23	704449	14.11
30 A4D16	299391	7.46	1.22865e	10.23	689066	14.10

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM060424 SAS No.: BM060424 SDG NO.: BM060424

EPA Sample No.: SSTD020111 Date Analyzed: Jun 4 2024 12:00AM

Lab File ID: BM045811.D Time Analyzed: 11:37

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	252634	7.469	1.09192e+01	10.23	712283	14.10
UPPER LIMIT	505268	7.969	2183840	10.728	1424566	14.604
LOWER LIMIT	126317	6.969	545960	9.728	356141.5	13.604
EPA SAMPLE NO.						
01 SBLK908	341780	7.47	1.46911e	10.23	956704	14.11
02 MDL-WATER-QT2-2024-04	254345	7.46	1.04159e	10.23	622219	14.11
03 MDL-SOIL-QT2-2024-04	262685	7.46	1.06427e	10.23	642690	14.11
04 MDL-MED-SOIL-QT2-2024-04	300985	7.47	1.28706e	10.23	819532	14.11
05 SBLK910	300603	7.47	1.29748e	10.23	838626	14.11
06 SBLK913	258336	7.46	1.08663e	10.23	695861	14.11

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM060424 SAS No.: BM060424 SDG NO.: BM060424

EPA Sample No.: SSTD020112 Date Analyzed: Jun 4 2024 12:00AM

Lab File ID: BM045818.D Time Analyzed: 16:33

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	252726	7.463	1.095e+006	10.23	723633	14.10
UPPER LIMIT	505452	7.963	2190000	10.728	1447266	14.604
LOWER LIMIT	126363	6.963	547500	9.728	361816.5	13.604
EPA SAMPLE NO.						
01 SBLK139	284866	7.47	1.20231e	10.23	784316	14.11
02 BH5W2	220031	7.47	926214	10.23	582939	14.11
03 BH6C4	250933	7.47	1.06387e	10.23	661548	14.11
04 BH6C5	263485	7.46	1.11732e	10.23	708931	14.11
05 BH6C6	240742	7.47	1.0023e+	10.23	625934	14.11
06 BH6C7	250944	7.47	1.05326e	10.23	656363	14.11
07 BH6C8	316048	7.46	1.2902e+	10.23	734010	14.11
08 BH6C9	351808	7.46	1.47098e	10.23	905127	14.11
09 BH6D0	303227	7.46	1.28591e	10.23	788664	14.11
10 BH6D1	273770	7.46	1.17335e	10.23	740950	14.11
11 BH6D2	311835	7.46	1.29654e	10.23	752351	14.11
12 BH6D3	305141	7.46	1.29662e	10.23	812543	14.11
13 SLCS139	300314	7.46	1.30028e	10.23	793093	14.10

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM060424 SAS No.: BM060424 SDG NO.: BM060424

EPA Sample No.: SSTD020113 Date Analyzed: Jun 5 2024 12:00AM

Lab File ID: BM045832.D Time Analyzed: 02:27

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	342124	7.463	1.45423e+01	10.23	911636	14.10
UPPER LIMIT	684248	7.963	2908460	10.728	1823272	14.604
LOWER LIMIT	171062	6.963	727115	9.728	455818	13.604
EPA SAMPLE NO.						
01 SBLK208	336781	7.46	1.38776e	10.23	818163	14.11
02 BH6D4	284865	7.46	1.18918e	10.23	705495	14.11
03 BH6D5	301109	7.46	1.22586e	10.23	698776	14.11
04 BH6D6	311092	7.46	1.28561e	10.23	737145	14.11
05 A4D18	352741	7.46	1.40646e	10.23	783468	14.11
06 A4D18MS	262413	7.46	1.05145e	10.23	588478	14.10
07 A4D18MSD	298239	7.46	1.19409e	10.23	657232	14.10
08 A4C28	287346	7.46	1.17792e	10.23	681038	14.11
09 A4C29	297251	7.46	1.18849e	10.23	667813	14.11
10 A4C31	322568	7.46	1.27936e	10.23	704449	14.11
11 A4D16	299391	7.46	1.22865e	10.23	689066	14.10

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.: BM060424 SAS No.: BM060424 SDG NO.: BM060424

EPA Sample No.: SSTD020036 Date Analyzed: Jun 4 2024 12:00AM

Lab File ID: BM045791.D Time Analyzed: 11:37

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.08015e+0	16.857	828447	21.068	872879	23.791
	UPPER LIMIT	2160300	17.357	1656894	21.568	1745758	24.291
	LOWER LIMIT	540075	16.357	414223.5	20.568	436439.5	23.291
	EPA SAMPLE NO.						
01	SBLK908	1.96461	16.85	1.57929e+	21.07	1.52326e+	23.79
02	MDL-WATER-QT2-2024-04	1.18965	16.86	905193	21.07	912237	23.79
03	MDL-SOIL-QT2-2024-04	1.29604	16.86	1.10309e+	21.07	1.14048e+	23.79
04	MDL-MED-SOIL-QT2-2024-04	1.69587	16.86	1.24562e+	21.07	1.06643e+	23.79
05	SBLK910	1.6988e	16.86	1.31206e+	21.07	1.20299e+	23.79
06	SBLK913	1.42657	16.86	1.19469e+	21.07	1.27416e+	23.79
07	SBLK139	1.59952	16.86	1.31675e+	21.07	1.30984e+	23.79
08	BH5W2	1.11631	16.86	781449	21.07	718868	23.79
09	BH6C4	1.37064	16.85	1.17041e+	21.06	1.03177e+	23.79
10	BH6C5	1.42002	16.86	1.2324e+0	21.07	1.17336e+	23.79
11	BH6C6	1.27742	16.86	1.1465e+0	21.06	1.1361e+0	23.79
12	BH6C7	1.33055	16.86	1.19522e+	21.06	1.1481e+0	23.79
13	BH6C8	1.2605e	16.86	862776	21.06	951759	23.79
14	BH6C9	1.7127e	16.86	1.02585e+	21.06	1.04001e+	23.79
15	BH6D0	1.57813	16.86	1.19717e+	21.06	1.04718e+	23.79
16	BH6D1	1.48411	16.86	1.09243e+	21.06	948059	23.79
17	BH6D2	1.32065	16.86	917545	21.06	1.01618e+	23.79
18	BH6D3	1.62851	16.85	1.04386e+	21.06	993030	23.79
19	SLCS139	1.48021	16.85	873569	21.07	895199	23.79
20	SBLK208	1.45559	16.86	1.06543e+	21.06	1.18029e+	23.79
21	BH6D4	1.23587	16.85	868051	21.06	978974	23.78

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM060424 SAS No.: BM060424 SDG NO.: BM060424

EPA Sample No.: SSTD020036 Date Analyzed: Jun 5 2024 12:00AM

Lab File ID: BM045791.D Time Analyzed: 03:46

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.08015e+0	16.857	828447	21.068	872879	23.791
UPPER LIMIT	2160300	17.357	1656894	21.568	1745758	24.291
LOWER LIMIT	540075	16.357	414223.5	20.568	436439.5	23.291
EPA SAMPLE NO.						
22 BH6D5	1.243e+	16.86	945665	21.06	1.05989e+	23.78
23 BH6D6	1.2969e	16.85	961320	21.06	1.08474e+	23.79
24 A4D18	1.38252	16.85	1.08027e+	21.06	1.22743e+	23.79
25 A4D18MS	1.08301	16.85	803255	21.07	928253	23.79
26 A4D18MSD	1.15879	16.85	821340	21.07	962219	23.79
27 A4C28	1.16482	16.85	799076	21.06	903594	23.79
28 A4C29	1.15908	16.86	893023	21.07	1.01421e+	23.79
29 A4C31	1.22223	16.85	968195	21.06	1.08249e+	23.79
30 A4D16	1.18935	16.85	901489	21.06	1.01713e+	23.79

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.: BM060424 SAS No.: BM060424 SDG NO.: BM060424

EPA Sample No.: SSTD020111 Date Analyzed: Jun 4 2024 12:00AM

Lab File ID: BM045811.D Time Analyzed: 11:37

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.48543e+01	16.857	1.25827e+	21.068	1.22971e+01	23.785
UPPER LIMIT	2970860	17.357	2516540	21.568	2459420	24.285
LOWER LIMIT	742715	16.357	629135	20.568	614855	23.285
EPA SAMPLE NO.						
01 SBLK908	1.96461	16.85	1.57929e+	21.07	1.52326e+	23.79
02 MDL-WATER-QT2-2024-04	1.18965	16.86	905193	21.07	912237	23.79
03 MDL-SOIL-QT2-2024-04	1.29604	16.86	1.10309e+	21.07	1.14048e+	23.79
04 MDL-MED-SOIL-QT2-2024-04	1.69587	16.86	1.24562e+	21.07	1.06643e+	23.79
05 SBLK910	1.6988e	16.86	1.31206e+	21.07	1.20299e+	23.79
06 SBLK913	1.42657	16.86	1.19469e+	21.07	1.27416e+	23.79

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.: BM060424 SAS No.: BM060424 SDG NO.: BM060424

EPA Sample No.: SSTD020112 Date Analyzed: Jun 4 2024 12:00AM

Lab File ID: BM045818.D Time Analyzed: 16:33

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.47711e+01	16.851	1.14509e+01	21.068	1.04351e+01	23.791
UPPER LIMIT	2954220	17.351	2290180	21.568	2087020	24.291
LOWER LIMIT	738555	16.351	572545	20.568	521755	23.291
EPA SAMPLE NO.						
01 SBLK139	1.59952	16.86	1.31675e+01	21.07	1.30984e+01	23.79
02 BH5W2	1.11631	16.86	781449	21.07	718868	23.79
03 BH6C4	1.37064	16.85	1.17041e+01	21.06	1.03177e+01	23.79
04 BH6C5	1.42002	16.86	1.2324e+01	21.07	1.17336e+01	23.79
05 BH6C6	1.27742	16.86	1.1465e+01	21.06	1.1361e+01	23.79
06 BH6C7	1.33055	16.86	1.19522e+01	21.06	1.1481e+01	23.79
07 BH6C8	1.2605e	16.86	862776	21.06	951759	23.79
08 BH6C9	1.7127e	16.86	1.02585e+01	21.06	1.04001e+01	23.79
09 BH6D0	1.57813	16.86	1.19717e+01	21.06	1.04718e+01	23.79
10 BH6D1	1.48411	16.86	1.09243e+01	21.06	948059	23.79
11 BH6D2	1.32065	16.86	917545	21.06	1.01618e+01	23.79
12 BH6D3	1.62851	16.85	1.04386e+01	21.06	993030	23.79
13 SLCS139	1.48021	16.85	873569	21.07	895199	23.79

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.: BM060424 SAS No.: BM060424 SDG NO.: BM060424

EPA Sample No.: SSTD020113 Date Analyzed: Jun 5 2024 12:00AM

Lab File ID: BM045832.D Time Analyzed: 02:27

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.69707e+01	16.851	1.06865e+01	21.068	1.13171e+01	23.786
UPPER LIMIT	3394140	17.351	2137300	21.568	2263420	24.286
LOWER LIMIT	848535	16.351	534325	20.568	565855	23.286
EPA SAMPLE NO.						
01 SBLK208	1.45559	16.86	1.06543e+01	21.06	1.18029e+01	23.79
02 BH6D4	1.23587	16.85	868051	21.06	978974	23.78
03 BH6D5	1.243e+01	16.86	945665	21.06	1.05989e+01	23.78
04 BH6D6	1.2969e+01	16.85	961320	21.06	1.08474e+01	23.79
05 A4D18	1.38252	16.85	1.08027e+01	21.06	1.22743e+01	23.79
06 A4D18MS	1.08301	16.85	803255	21.07	928253	23.79
07 A4D18MSD	1.15879	16.85	821340	21.07	962219	23.79
08 A4C28	1.16482	16.85	799076	21.06	903594	23.79
09 A4C29	1.15908	16.86	893023	21.07	1.01421e+01	23.79
10 A4C31	1.22223	16.85	968195	21.06	1.08249e+01	23.79
11 A4D16	1.18935	16.85	901489	21.06	1.01713e+01	23.79

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 LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM060424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161139BS	1,4-Dioxane	530	410	ug/Kg	77				0	0		
	Benzaldehyde	1300	1600	ug/Kg	123				0	0		
	Pyridine	1300	1200	ug/Kg	92				0	0		
	Phenol	1300	1200	ug/Kg	92				0	0		
	Bis(2-chloroethyl)ether	1300	1200	ug/Kg	92				0	0		
	2-Chlorophenol	1300	1200	ug/Kg	92				0	0		
	2-Methylphenol	1300	1300	ug/Kg	100				0	0		
	2,2-oxybis(1-Chloropropane)	1300	1200	ug/Kg	92				0	0		
	Acetophenone	1300	1200	ug/Kg	92				0	0		
	4-Methylphenol	1300	1300	ug/Kg	100				0	0		
	N-Nitroso-di-n-propylamine	1300	1300	ug/Kg	100				0	0		
	Hexachloroethane	1300	1200	ug/Kg	92				0	0		
	Nitrobenzene	1300	1200	ug/Kg	92				0	0		
	Isophorone	1300	1300	ug/Kg	100				0	0		
	2-Nitrophenol	1300	1300	ug/Kg	100				0	0		
	2,4-Dimethylphenol	1300	1100	ug/Kg	85				0	0		
	Bis(2-chloroethoxy)methane	1300	1200	ug/Kg	92				0	0		
	2,4-Dichlorophenol	1300	1300	ug/Kg	100				0	0		
	Naphthalene	1300	1200	ug/Kg	92				0	0		
	4-Chloroaniline	1300	1100	ug/Kg	85				0	0		
	Hexachlorobutadiene	1300	1200	ug/Kg	92				0	0		
	Caprolactam	1300	1500	ug/Kg	115				0	0		
	4-Chloro-3-methylphenol	1300	1400	ug/Kg	108				0	0		
	1-Methylnaphthalene	1300	1200	ug/Kg	92				0	0		
	2-Methylnaphthalene	1300	1200	ug/Kg	92				0	0		
	Hexachlorocyclopentadiene	1300	830	ug/Kg	64				0	0		
	2,4,6-Trichlorophenol	1300	1400	ug/Kg	108				0	0		
	2,4,5-Trichlorophenol	1300	1400	ug/Kg	108				0	0		
	1,1'-Biphenyl	1300	1200	ug/Kg	92				0	0		
	2-Chloronaphthalene	1300	1200	ug/Kg	92				0	0		
	2-Nitroaniline	1300	1400	ug/Kg	108				0	0		
	Dimethylphthalate	1300	1300	ug/Kg	100				0	0		
	2,6-Dinitrotoluene	1300	1400	ug/Kg	108				0	0		
	Acenaphthylene	1300	1200	ug/Kg	92				0	0		
	3-Nitroaniline	1300	1600	ug/Kg	123				0	0		
	Acenaphthene	1300	1200	ug/Kg	92				0	0		
	2,4-Dinitrophenol	1300	860	ug/Kg	66				0	0		
	4-Nitrophenol	1300	1300	ug/Kg	100				0	0		
	Dibenzofuran	1300	1200	ug/Kg	92				0	0		
	2,4-Dinitrotoluene	1300	1400	ug/Kg	108				0	0		
	Diethylphthalate	1300	1300	ug/Kg	100				0	0		
	Fluorene	1300	1200	ug/Kg	92				0	0		
	4-Chlorophenyl-phenylether	1300	1200	ug/Kg	92				0	0		
	4-Nitroaniline	1300	1700	ug/Kg	131				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM060424

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161139BS	4,6-Dinitro-2-methylphenol	1300	990	ug/Kg	76				0	0		
	N-Nitrosodiphenylamine	1300	1300	ug/Kg	100				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	1200	ug/Kg	92				0	0		
	4-Bromophenyl-phenylether	1300	1200	ug/Kg	92				0	0		
	Hexachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Atrazine	1300	1300	ug/Kg	100				0	0		
	Pentachlorophenol	1300	1300	ug/Kg	100				0	0		
	Phenanthrene	1300	1200	ug/Kg	92				0	0		
	Pentachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Anthracene	1300	1200	ug/Kg	92				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	1200	ug/Kg	92				0	0		
	Carbazole	1300	1300	ug/Kg	100				0	0		
	Di-n-butylphthalate	1300	1400	ug/Kg	108				0	0		
	Fluoranthene	1300	1500	ug/Kg	115				0	0		
	Pyrene	1300	1400	ug/Kg	108				0	0		
	Butylbenzylphthalate	1300	1600	ug/Kg	123				0	0		
	3,3'-Dichlorobenzidine	1300	1300	ug/Kg	100				0	0		
	Benzo(a)anthracene	1300	1200	ug/Kg	92				0	0		
	Chrysene	1300	1200	ug/Kg	92				0	0		
	Bis(2-ethylhexyl)phthalate	1300	1500	ug/Kg	115				0	0		
	Di-n-octylphthalate	1300	1400	ug/Kg	108				0	0		
	Benzo(b)fluoranthene	1300	1200	ug/Kg	92				0	0		
	Benzo(k)fluoranthene	1300	1200	ug/Kg	92				0	0		
	Benzo(a)pyrene	1300	1100	ug/Kg	85				0	0		
	Indeno(1,2,3-cd)pyrene	1300	1400	ug/Kg	108				0	0		
	Dibenzo(a,h)anthracene	1300	1300	ug/Kg	100				0	0		
	Benzo(g,h,i)perylene	1300	1300	ug/Kg	100				0	0		
	2,3,4,6-Tetrachlorophenol	1300	1400	ug/Kg	108				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK908

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM060424

SAS No.: BM060424 SDG NO.: BM060424

Lab File ID: BM045812.D

Lab Sample ID: PB160908BL

Instrument ID: BNA_M

Date Extracted: 05/14/2024

Matrix: (soil/water) Water

Date Analyzed: 06/04/2024

Level: (low/med) LOW

Time Analyzed: 11:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT2-2024-04	P2409-02	BM045813.D	06/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK910

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM060424

SAS No.: BM060424 SDG NO.: BM060424

Lab File ID: BM045816.D

Lab Sample ID: PB160910BL

Instrument ID: BNA_M

Date Extracted: 05/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/04/2024

Level: (low/med) LOW

Time Analyzed: 14:28

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-QT2-2024-04	P2409-04	BM045814.D	06/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK913

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM060424

SAS No.: BM060424 SDG NO.: BM060424

Lab File ID: BM045817.D

Lab Sample ID: PB160913BL

Instrument ID: BNA_M

Date Extracted: 05/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/04/2024

Level: (low/med) MED

Time Analyzed: 15:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-MED-SOIL-QT2-2024-04	P2409-06	BM045815.D	06/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK139

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM060424

SAS No.: BM060424 SDG NO.: BM060424

Lab File ID: BM045819.D

Lab Sample ID: PB161139BL

Instrument ID: BNA_M

Date Extracted: 05/26/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/04/2024

Level: (low/med) LOW

Time Analyzed: 16:33

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BH5W2	P2589-01	BM045820.D	06/04/2024
BH6C4	P2589-10	BM045821.D	06/04/2024
BH6C5	P2589-11	BM045822.D	06/04/2024
BH6C6	P2589-12	BM045823.D	06/04/2024
BH6C7	P2589-13	BM045824.D	06/04/2024
BH6C8	P2589-14	BM045825.D	06/04/2024
BH6C9	P2589-15	BM045826.D	06/04/2024
BH6D0	P2589-16	BM045827.D	06/04/2024
BH6D1	P2589-17	BM045828.D	06/04/2024
BH6D2	P2589-18	BM045829.D	06/04/2024
BH6D3	P2589-19	BM045830.D	06/04/2024
PB161139BS	PB161139BS	BM045831.D	06/05/2024
BH6D4	P2589-20	BM045834.D	06/05/2024
BH6D5	P2589-21	BM045835.D	06/05/2024
BH6D6	P2589-22	BM045836.D	06/05/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK208

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM060424

SAS No.: BM060424 SDG NO.: BM060424

Lab File ID: BM045833.D

Lab Sample ID: PB161208BL

Instrument ID: BNA_M

Date Extracted: 05/30/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/05/2024

Level: (low/med) LOW

Time Analyzed: 02:27

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A4D18	P2586-05	BM045837.D	06/05/2024
A4D18MS	P2586-06MS	BM045838.D	06/05/2024
A4D18MSD	P2586-07MSD	BM045839.D	06/05/2024
A4C28	P2586-14	BM045840.D	06/05/2024
A4C29	P2586-15	BM045841.D	06/05/2024
A4C31	P2586-16	BM045842.D	06/05/2024
A4D16	P2586-03	BM045843.D	06/05/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM060424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2586-06MS	Client Sample ID:	A4D18MS				DataFile:	BM045838.D			
1,4-Dioxane	950		840	ug/Kg	88				15	120	
Benzaldehyde	2400		3400	ug/Kg	142				0	0	
Pyridine	2400		1800	ug/Kg	75				0	0	
Phenol	2400		2500	ug/Kg	104	*			26	90	
Bis(2-chloroethyl)ether	2400		2400	ug/Kg	100				0	0	
2-Chlorophenol	2400		2600	ug/Kg	108	*			25	102	
2-Methylphenol	2400		2500	ug/Kg	104				0	0	
2,2-oxybis(1-Chloropropane)	2400		2400	ug/Kg	100				0	0	
Acetophenone	2400		2500	ug/Kg	104				0	0	
4-Methylphenol	2400		2600	ug/Kg	108				0	0	
N-Nitroso-di-n-propylamine	2400		2400	ug/Kg	100				41	126	
Hexachloroethane	2400		2100	ug/Kg	88				0	0	
Nitrobenzene	2400		2500	ug/Kg	104				0	0	
Isophorone	2400		2600	ug/Kg	108				0	0	
2-Nitrophenol	2400		2800	ug/Kg	117				0	0	
2,4-Dimethylphenol	2400		2500	ug/Kg	104				0	0	
Bis(2-chloroethoxy)methane	2400		2400	ug/Kg	100				0	0	
2,4-Dichlorophenol	2400		2700	ug/Kg	113				0	0	
Naphthalene	2400		2500	ug/Kg	104				0	0	
4-Chloroaniline	2400		1400	ug/Kg	58				0	0	
Hexachlorobutadiene	2400		2500	ug/Kg	104				0	0	
Caprolactam	2400		2800	ug/Kg	117				0	0	
4-Chloro-3-methylphenol	2400		2600	ug/Kg	108	*			26	103	
1-Methylnaphthalene	2400		2500	ug/Kg	104				0	0	
2-Methylnaphthalene	2400		2500	ug/Kg	104				0	0	
Hexachlorocyclopentadiene	2400		1500	ug/Kg	63				0	0	
2,4,6-Trichlorophenol	2400		3000	ug/Kg	125				0	0	
2,4,5-Trichlorophenol	2400		2900	ug/Kg	121				0	0	
1,1'-Biphenyl	2400		2600	ug/Kg	108				0	0	
2-Chloronaphthalene	2400		2600	ug/Kg	108				0	0	
2-Nitroaniline	2400		2900	ug/Kg	121				0	0	
Dimethylphthalate	2400		2600	ug/Kg	108				0	0	
2,6-Dinitrotoluene	2400		2800	ug/Kg	117				0	0	
Acenaphthylene	2400	82	2600	ug/Kg	105				0	0	
3-Nitroaniline	2400		2700	ug/Kg	113				0	0	
Acenaphthene	2400		2500	ug/Kg	104				31	137	
2,4-Dinitrophenol	2400		2100	ug/Kg	88				0	0	
4-Nitrophenol	2400		2700	ug/Kg	113				11	114	
Dibenzofuran	2400		2600	ug/Kg	108				0	0	
2,4-Dinitrotoluene	2400		2800	ug/Kg	117	*			28	89	
Diethylphthalate	2400		2700	ug/Kg	113				0	0	
Fluorene	2400		2600	ug/Kg	108				0	0	
4-Chlorophenyl-phenylether	2400		2500	ug/Kg	104				0	0	
4-Nitroaniline	2400		3200	ug/Kg	133				0	0	
4,6-Dinitro-2-methylphenol	2400		2100	ug/Kg	88				0	0	
N-Nitrosodiphenylamine	2400		2700	ug/Kg	113				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM060424

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	2400		2600	ug/Kg	108				0	0	
4-Bromophenyl-phenylether	2400		2600	ug/Kg	108				0	0	
Hexachlorobenzene	2400		2200	ug/Kg	92				0	0	
Atrazine	2400		2600	ug/Kg	108				0	0	
Pentachlorophenol	2400		2800	ug/Kg	117	*			17	109	
Phenanthrene	2400	670	3400	ug/Kg	114				0	0	
Pentachlorobenzene	2400		2600	ug/Kg	108				0	0	
Anthracene	2400	140	2700	ug/Kg	107				0	0	
1,2,3,4-Tetrachlorobenzene	2400		2600	ug/Kg	108				0	0	
Carbazole	2400	82	2700	ug/Kg	109				0	0	
Di-n-butylphthalate	2400		2900	ug/Kg	121				0	0	
Fluoranthene	2400	1200	4200	ug/Kg	125				0	0	
Pyrene	2400	960	3500	ug/Kg	106				35	142	
Butylbenzylphthalate	2400		3200	ug/Kg	133				0	0	
3,3'-Dichlorobenzidine	2400		1100	ug/Kg	46				0	0	
Benzo(a)anthracene	2400	560	3400	ug/Kg	118				0	0	
Chrysene	2400	660	3500	ug/Kg	118				0	0	
Bis(2-ethylhexyl)phthalate	2400	140	3200	ug/Kg	128				0	0	
Di-n-octylphthalate	2400		2800	ug/Kg	117				0	0	
Benzo(b)fluoranthene	2400	760	3500	ug/Kg	114				0	0	
Benzo(k)fluoranthene	2400	290	2900	ug/Kg	109				0	0	
Benzo(a)pyrene	2400	390	1900	ug/Kg	63				0	0	
Indeno(1,2,3-cd)pyrene	2400	310	2700	ug/Kg	100				0	0	
Dibenzo(a,h)anthracene	2400	130	3100	ug/Kg	124				0	0	
Benzo(g,h,i)perylene	2400		350	ug/Kg	15				0	0	
2,3,4,6-Tetrachlorophenol	2400		2900	ug/Kg	121				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM060424

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P2586-07MSD	Client Sample ID:	A4D18MSD					DataFile:	BM045839.D		
1,4-Dioxane	950		790	ug/Kg	83		6		15	120	50
Benzaldehyde	2400		3300	ug/Kg	138		3	*	0	0	0
Pyridine	2400		1700	ug/Kg	71		5	*	0	0	0
Phenol	2400		2400	ug/Kg	100	*	4		26	90	35
Bis(2-chloroethyl)ether	2400		2200	ug/Kg	92		8	*	0	0	0
2-Chlorophenol	2400		2400	ug/Kg	100		8		25	102	50
2-Methylphenol	2400		2400	ug/Kg	100		4	*	0	0	0
2,2-oxybis(1-Chloropropane)	2400		2300	ug/Kg	96		4	*	0	0	0
Acetophenone	2400		2300	ug/Kg	96		8	*	0	0	0
4-Methylphenol	2400		2400	ug/Kg	100		8	*	0	0	0
N-Nitroso-di-n-propylamine	2400		2300	ug/Kg	96		4		41	126	38
Hexachloroethane	2400		2000	ug/Kg	83		6	*	0	0	0
Nitrobenzene	2400		2400	ug/Kg	100		4	*	0	0	0
Isophorone	2400		2400	ug/Kg	100		8	*	0	0	0
2-Nitrophenol	2400		2700	ug/Kg	113		3	*	0	0	0
2,4-Dimethylphenol	2400		2400	ug/Kg	100		4	*	0	0	0
Bis(2-chloroethoxy)methane	2400		2300	ug/Kg	96		4	*	0	0	0
2,4-Dichlorophenol	2400		2600	ug/Kg	108		5	*	0	0	0
Naphthalene	2400		2400	ug/Kg	100		4	*	0	0	0
4-Chloroaniline	2400		1300	ug/Kg	54		7	*	0	0	0
Hexachlorobutadiene	2400		2400	ug/Kg	100		4	*	0	0	0
Caprolactam	2400		2700	ug/Kg	113		3	*	0	0	0
4-Chloro-3-methylphenol	2400		2500	ug/Kg	104	*	4		26	103	33
1-Methylnaphthalene	2400		2300	ug/Kg	96		8	*	0	0	0
2-Methylnaphthalene	2400		2300	ug/Kg	96		8	*	0	0	0
Hexachlorocyclopentadiene	2400		1400	ug/Kg	58		8	*	0	0	0
2,4,6-Trichlorophenol	2400		2900	ug/Kg	121		3	*	0	0	0
2,4,5-Trichlorophenol	2400		2800	ug/Kg	117		3	*	0	0	0
1,1'-Biphenyl	2400		2500	ug/Kg	104		4	*	0	0	0
2-Chloronaphthalene	2400		2400	ug/Kg	100		8	*	0	0	0
2-Nitroaniline	2400		2700	ug/Kg	113		7	*	0	0	0
Dimethylphthalate	2400		2500	ug/Kg	104		4	*	0	0	0
2,6-Dinitrotoluene	2400		2600	ug/Kg	108		8	*	0	0	0
Acenaphthylene	2400	82	2500	ug/Kg	101		4	*	0	0	0
3-Nitroaniline	2400		2500	ug/Kg	104		8	*	0	0	0
Acenaphthene	2400		2400	ug/Kg	100		4		31	137	19
2,4-Dinitrophenol	2400		2000	ug/Kg	83		6	*	0	0	0
4-Nitrophenol	2400		2500	ug/Kg	104		8		11	114	50
Dibenzofuran	2400		2400	ug/Kg	100		8	*	0	0	0
2,4-Dinitrotoluene	2400		2600	ug/Kg	108	*	8		28	89	47
Diethylphthalate	2400		2500	ug/Kg	104		8	*	0	0	0
Fluorene	2400		2400	ug/Kg	100		8	*	0	0	0
4-Chlorophenyl-phenylether	2400		2300	ug/Kg	96		8	*	0	0	0
4-Nitroaniline	2400		3000	ug/Kg	125		6	*	0	0	0
4,6-Dinitro-2-methylphenol	2400		2000	ug/Kg	83		6	*	0	0	0
N-Nitrosodiphenylamine	2400		2600	ug/Kg	108		5	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM060424

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	2400		2500	ug/Kg	104		4	*	0	0	0
4-Bromophenyl-phenylether	2400		2500	ug/Kg	104		4	*	0	0	0
Hexachlorobenzene	2400		2100	ug/Kg	88		4	*	0	0	0
Atrazine	2400		2400	ug/Kg	100		8	*	0	0	0
Pentachlorophenol	2400		2700	ug/Kg	113	*	3		17	109	47
Phenanthrene	2400	670	3200	ug/Kg	105		8	*	0	0	0
Pentachlorobenzene	2400		2500	ug/Kg	104		4	*	0	0	0
Anthracene	2400	140	2500	ug/Kg	98		9	*	0	0	0
1,2,3,4-Tetrachlorobenzene	2400		2600	ug/Kg	108		0		0	0	0
Carbazole	2400	82	2500	ug/Kg	101		8	*	0	0	0
Di-n-butylphthalate	2400		2800	ug/Kg	117		3	*	0	0	0
Fluoranthene	2400	1200	4100	ug/Kg	121		3	*	0	0	0
Pyrene	2400	960	3400	ug/Kg	102		4		35	142	36
Butylbenzylphthalate	2400		3100	ug/Kg	129		3	*	0	0	0
3,3'-Dichlorobenzidine	2400		1100	ug/Kg	46		0		0	0	0
Benzo(a)anthracene	2400	560	3200	ug/Kg	110		7	*	0	0	0
Chrysene	2400	660	3300	ug/Kg	110		7	*	0	0	0
Bis(2-ethylhexyl)phthalate	2400	140	3100	ug/Kg	123		4	*	0	0	0
Di-n-octylphthalate	2400		2600	ug/Kg	108		8	*	0	0	0
Benzo(b)fluoranthene	2400	760	3200	ug/Kg	102		11	*	0	0	0
Benzo(k)fluoranthene	2400	290	2800	ug/Kg	105		4	*	0	0	0
Benzo(a)pyrene	2400	390	1800	ug/Kg	59		7	*	0	0	0
Indeno(1,2,3-cd)pyrene	2400	310	2600	ug/Kg	95		5	*	0	0	0
Dibenzo(a,h)anthracene	2400	130	2900	ug/Kg	115		8	*	0	0	0
Benzo(g,h,i)perylene	2400		330	ug/Kg	14		7	*	0	0	0
2,3,4,6-Tetrachlorophenol	2400		2800	ug/Kg	117		3	*	0	0	0

Surrogate Summary

SW-846

SDG No.: BM060424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2409-02	MDL-WATER-QT2BM045813.D		1,4-Dioxane-d8	8	5.00	63		15	120
			Pyridine-d5	40	22.53	56		20	120
			Phenol-d5	40	25.15	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.77	64		25	120
			2-Chlorophenol-d4	40	25.08	63		20	130
			4-Methylphenol-d8	40	23.34	58		25	125
			Nitrobenzene-d5	40	25.27	63		20	125
			2-Nitrophenol-d4	40	24.35	61		20	130
			2,4-Dichlorophenol-d3	40	23.46	59		20	120
			4-Chloroaniline-d4	40	23.17	58		1	146
			Dimethylphthalate-d6	40	24.59	61		25	130
			Acenaphthylene-d8	40	24.55	61		10	130
			4-Nitrophenol-d4	40	17.68	44		10	150
			Fluorene-d10	40	24.69	62		25	125
			4,6-Dinitro-2-methylphenol-d2	40	18.85	47		10	130
			Anthracene-d10	40	21.95	55		25	130
			Pyrene-d10	40	24.31	61		15	130
			Benzo(a)pyrene-d12	40	24.78	62		20	130
PB160908BL	PB160908BL	BM045812.D	Pyridine-d5	40	27.08	68		20	120
			1,4-Dioxane-d8	8	5.37	67		15	120
			Phenol-d5	40	30.30	76		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.30	81		25	120
			2-Chlorophenol-d4	40	32.30	81		20	130
			4-Methylphenol-d8	40	31.81	80		25	125
			Nitrobenzene-d5	40	31.50	79		20	125
			2-Nitrophenol-d4	40	31.80	79		20	130
			2,4-Dichlorophenol-d3	40	29.33	73		20	120
			4-Chloroaniline-d4	40	32.11	80		1	146
			Dimethylphthalate-d6	40	34.16	85		25	130
			Acenaphthylene-d8	40	31.04	78		10	130
			4-Nitrophenol-d4	40	23.22	58		10	150
			Fluorene-d10	40	32.45	81		25	125
			4,6-Dinitro-2-methylphenol-d2	40	22.72	57		10	130
			Anthracene-d10	40	31.37	78		25	130
			Pyrene-d10	40	32.02	80		15	130
			Benzo(a)pyrene-d12	40	31.88	80		20	130

Surrogate Summary

SW-846

SDG No.: BM060424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2409-04	MDL-SOIL-QT2-2(BM045814.D		1,4-Dioxane-d8	8	4.89	61		15	120
			Pyridine-d5	40	23.95	60		20	120
			Phenol-d5	40	24.94	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.38	63		10	150
			2-Chlorophenol-d4	40	25.14	63		15	120
			4-Methylphenol-d8	40	23.35	58		10	140
			Nitrobenzene-d5	40	25.22	63		10	135
			2-Nitrophenol-d4	40	24.88	62		10	120
			2,4-Dichlorophenol-d3	40	23.44	59		10	140
			4-Chloroaniline-d4	40	23.23	58		1	145
			Dimethylphthalate-d6	40	25.27	63		10	145
			Acenaphthylene-d8	40	24.27	61		15	120
			4-Nitrophenol-d4	40	19.45	49		10	150
			Fluorene-d10	40	25.28	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.24	48		10	130
			Anthracene-d10	40	22.00	55		10	150
			Pyrene-d10	40	23.01	58		10	130
			Benzo(a)pyrene-d12	40	25.02	63		10	140
PB160910BL	PB160910BL	BM045816.D	1,4-Dioxane-d8	8	4.53	57		15	120
			Pyridine-d5	40	24.66	62		20	120
			Phenol-d5	40	29.48	74		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.40	78		10	150
			2-Chlorophenol-d4	40	30.69	77		15	120
			4-Methylphenol-d8	40	30.97	77		10	140
			Nitrobenzene-d5	40	29.98	75		10	135
			2-Nitrophenol-d4	40	30.14	75		10	120
			2,4-Dichlorophenol-d3	40	27.91	70		10	140
			4-Chloroaniline-d4	40	30.79	77		1	145
			Dimethylphthalate-d6	40	32.61	82		10	145
			Acenaphthylene-d8	40	29.95	75		15	120
			4-Nitrophenol-d4	40	21.63	54		10	150
			Fluorene-d10	40	31.10	78		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.15	58		10	130
			Anthracene-d10	40	30.84	77		10	150
			Pyrene-d10	40	31.69	79		10	130
			Benzo(a)pyrene-d12	40	31.25	78		10	140

Surrogate Summary

SW-846

SDG No.: BM060424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2409-06	MDL-MED-SOIL-(BM045815.D		Pyridine-d5	40	23.78	59		20	120
			1,4-Dioxane-d8	8	4.90	61		15	120
			Phenol-d5	40	24.92	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.83	65		10	150
			2-Chlorophenol-d4	40	25.08	63		15	120
			4-Methylphenol-d8	40	24.11	60		10	140
			Nitrobenzene-d5	40	25.11	63		10	135
			2-Nitrophenol-d4	40	24.95	62		10	120
			2,4-Dichlorophenol-d3	40	23.88	60		10	140
			4-Chloroaniline-d4	40	24.17	60		1	145
			Dimethylphthalate-d6	40	25.77	64		10	145
			Acenaphthylene-d8	40	24.61	62		15	120
			4-Nitrophenol-d4	40	19.90	50		10	150
			Fluorene-d10	40	25.72	64		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.39	48		10	130
			Anthracene-d10	40	21.71	54		10	150
			Pyrene-d10	40	25.50	64		10	130
			Benzo(a)pyrene-d12	40	25.48	64		10	140
PB160913BL	PB160913BL	BM045817.D	1,4-Dioxane-d8	8	5.39	67		15	120
			Pyridine-d5	40	25.54	64		20	120
			Phenol-d5	40	30.04	75		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.90	80		10	150
			2-Chlorophenol-d4	40	31.36	78		15	120
			4-Methylphenol-d8	40	30.75	77		10	140
			Nitrobenzene-d5	40	30.99	77		10	135
			2-Nitrophenol-d4	40	30.32	76		10	120
			2,4-Dichlorophenol-d3	40	28.93	72		10	140
			4-Chloroaniline-d4	40	31.90	80		1	145
			Dimethylphthalate-d6	40	33.39	83		10	145
			Acenaphthylene-d8	40	30.97	77		15	120
			4-Nitrophenol-d4	40	22.42	56		10	150
			Fluorene-d10	40	32.15	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.58	59		10	130
			Anthracene-d10	40	31.49	79		10	150
			Pyrene-d10	40	31.25	78		10	130
			Benzo(a)pyrene-d12	40	31.47	79		10	140

Surrogate Summary

SW-846

SDG No.: BM060424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2589-01	BH5W2	BM045820.D	1,4-Dioxane-d8	8	3.39	42		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	17.31	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.90	52		10	150
			2-Chlorophenol-d4	40	19.17	48		15	120
			4-Methylphenol-d8	40	17.88	45		10	140
			Nitrobenzene-d5	40	19.84	50		10	135
			2-Nitrophenol-d4	40	16.91	42		10	120
			2,4-Dichlorophenol-d3	40	17.54	44		10	140
			4-Chloroaniline-d4	40	10.75	27		1	145
			Dimethylphthalate-d6	40	20.79	52		10	145
			Acenaphthylene-d8	40	20.65	52		15	120
			4-Nitrophenol-d4	40	3.99	10		10	150
			Fluorene-d10	40	21.44	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.17	18		10	130
			Anthracene-d10	40	21.44	54		10	150
			Pyrene-d10	40	24.33	61		10	130
			Benzo(a)pyrene-d12	40	22.91	57		10	140
P2589-10	BH6C4	BM045821.D	1,4-Dioxane-d8	8	4.33	54		15	120
			Pyridine-d5	40	11.81	30		20	120
			Phenol-d5	40	25.75	64		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.34	68		10	150
			2-Chlorophenol-d4	40	27.31	68		15	120
			4-Methylphenol-d8	40	21.17	53		10	140
			Nitrobenzene-d5	40	26.75	67		10	135
			2-Nitrophenol-d4	40	25.96	65		10	120
			2,4-Dichlorophenol-d3	40	26.17	65		10	140
			4-Chloroaniline-d4	40	15.66	39		1	145
			Dimethylphthalate-d6	40	28.71	72		10	145
			Acenaphthylene-d8	40	27.76	69		15	120
			4-Nitrophenol-d4	40	16.58	41		10	150
			Fluorene-d10	40	29.19	73		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.05	50		10	130
			Anthracene-d10	40	28.18	70		10	150
			Pyrene-d10	40	29.14	73		10	130
			Benzo(a)pyrene-d12	40	29.13	73		10	140
P2589-11	BH6C5	BM045822.D	1,4-Dioxane-d8	8	2.99	37		15	120
			Pyridine-d5	40	14.19	35		20	120
			Phenol-d5	40	19.29	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.37	51		10	150
			2-Chlorophenol-d4	40	20.51	51		15	120
			4-Methylphenol-d8	40	20.01	50		10	140
			Nitrobenzene-d5	40	19.74	49		10	135
			2-Nitrophenol-d4	40	19.66	49		10	120
			2,4-Dichlorophenol-d3	40	19.42	49		10	140
			4-Chloroaniline-d4	40	19.77	49		1	145
			Dimethylphthalate-d6	40	22.08	55		10	145
			Acenaphthylene-d8	40	20.93	52		15	120
			4-Nitrophenol-d4	40	14.16	35		10	150

Surrogate Summary

SW-846

SDG No.: **BM060424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2589-11	BH6C5	BM045822.D	Fluorene-d10	40	21.90	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.75	39		10	130
			Anthracene-d10	40	22.64	57		10	150
			Pyrene-d10	40	22.20	55		10	130
			Benzo(a)pyrene-d12	40	23.87	60		10	140
P2589-12	BH6C6	BM045823.D	1,4-Dioxane-d8	8	1.98	25		15	120
			Pyridine-d5	40	7.66	19	*	20	120
			Phenol-d5	40	13.92	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.84	37		10	150
			2-Chlorophenol-d4	40	14.51	36		15	120
			4-Methylphenol-d8	40	13.80	35		10	140
			Nitrobenzene-d5	40	14.45	36		10	135
			2-Nitrophenol-d4	40	13.91	35		10	120
			2,4-Dichlorophenol-d3	40	14.47	36		10	140
			4-Chloroaniline-d4	40	14.69	37		1	145
			Dimethylphthalate-d6	40	17.21	43		10	145
			Acenaphthylene-d8	40	16.18	40		15	120
			4-Nitrophenol-d4	40	10.30	26		10	150
			Fluorene-d10	40	17.14	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.70	29		10	130
			Anthracene-d10	40	17.54	44		10	150
			Pyrene-d10	40	16.99	42		10	130
			Benzo(a)pyrene-d12	40	18.59	46		10	140
P2589-13	BH6C7	BM045824.D	1,4-Dioxane-d8	8	2.65	33		15	120
			Pyridine-d5	40	10.49	26		20	120
			Phenol-d5	40	17.02	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.92	45		10	150
			2-Chlorophenol-d4	40	17.77	44		15	120
			4-Methylphenol-d8	40	16.35	41		10	140
			Nitrobenzene-d5	40	18.14	45		10	135
			2-Nitrophenol-d4	40	17.50	44		10	120
			2,4-Dichlorophenol-d3	40	17.96	45		10	140
			4-Chloroaniline-d4	40	17.51	44		1	145
			Dimethylphthalate-d6	40	20.83	52		10	145
			Acenaphthylene-d8	40	19.41	49		15	120
			4-Nitrophenol-d4	40	13.60	34		10	150
			Fluorene-d10	40	20.72	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.36	38		10	130
			Anthracene-d10	40	20.92	52		10	150
			Pyrene-d10	40	20.72	52		10	130
			Benzo(a)pyrene-d12	40	22.09	55		10	140
P2589-14	BH6C8	BM045825.D	1,4-Dioxane-d8	8	2.84	35		15	120
			Pyridine-d5	40	7.19	18	*	20	120
			Phenol-d5	40	19.04	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.80	50		10	150
			2-Chlorophenol-d4	40	20.00	50		15	120
			4-Methylphenol-d8	40	16.22	41		10	140
			Nitrobenzene-d5	40	20.18	50		10	135
			2-Nitrophenol-d4	40	20.21	51		10	120

Surrogate Summary

SW-846

SDG No.: BM060424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2589-14	BH6C8	BM045825.D	2,4-Dichlorophenol-d3	40	20.37	51		10	140
			4-Chloroaniline-d4	40	3.50	9		1	145
			Dimethylphthalate-d6	40	21.84	55		10	145
			Acenaphthylene-d8	40	20.80	52		15	120
			4-Nitrophenol-d4	40	10.89	27		10	150
			Fluorene-d10	40	21.20	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.14	38		10	130
			Anthracene-d10	40	21.19	53		10	150
			Pyrene-d10	40	23.32	58		10	130
			Benzo(a)pyrene-d12	40	21.89	55		10	140
P2589-15	BH6C9	BM045826.D	1,4-Dioxane-d8	8	3.66	46		15	120
			Pyridine-d5	40	10.08	25		20	120
			Phenol-d5	40	23.57	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.97	60		10	150
			2-Chlorophenol-d4	40	25.62	64		15	120
			4-Methylphenol-d8	40	18.16	45		10	140
			Nitrobenzene-d5	40	25.09	63		10	135
			2-Nitrophenol-d4	40	26.18	65		10	120
			2,4-Dichlorophenol-d3	40	25.45	64		10	140
			4-Chloroaniline-d4	40	7.82	20		1	145
			Dimethylphthalate-d6	40	26.36	66		10	145
			Acenaphthylene-d8	40	25.30	63		15	120
			4-Nitrophenol-d4	40	15.52	39		10	150
			Fluorene-d10	40	26.14	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.22	48		10	130
			Anthracene-d10	40	25.96	65		10	150
			Pyrene-d10	40	31.65	79		10	130
P2589-16	BH6D0	BM045827.D	Benzo(a)pyrene-d12	40	26.72	67		10	140
			1,4-Dioxane-d8	8	3.09	39		15	120
			Pyridine-d5	40	16.06	40		20	120
			Phenol-d5	40	22.05	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.79	52		10	150
			2-Chlorophenol-d4	40	22.59	56		15	120
			4-Methylphenol-d8	40	21.65	54		10	140
			Nitrobenzene-d5	40	21.71	54		10	135
			2-Nitrophenol-d4	40	22.54	56		10	120
			2,4-Dichlorophenol-d3	40	23.20	58		10	140
			4-Chloroaniline-d4	40	16.38	41		1	145
			Dimethylphthalate-d6	40	24.91	62		10	145
			Acenaphthylene-d8	40	23.73	59		15	120
			4-Nitrophenol-d4	40	17.67	44		10	150
			Fluorene-d10	40	24.85	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.47	31		10	130
			Anthracene-d10	40	24.93	62		10	150
P2589-17	BH6D1	BM045828.D	Pyrene-d10	40	26.22	66		10	130
			Benzo(a)pyrene-d12	40	25.25	63		10	140
			1,4-Dioxane-d8	8	3.18	40		15	120
			Pyridine-d5	40	16.59	41		20	120
			Phenol-d5	40	22.24	56		10	130

Surrogate Summary

SW-846

SDG No.: BM060424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2589-17	BH6D1	BM045828.D	Bis(2-Chloroethyl)ether-d8	40	21.14	53		10	150
			2-Chlorophenol-d4	40	23.16	58		15	120
			4-Methylphenol-d8	40	22.33	56		10	140
			Nitrobenzene-d5	40	22.02	55		10	135
			2-Nitrophenol-d4	40	24.06	60		10	120
			2,4-Dichlorophenol-d3	40	23.75	59		10	140
			4-Chloroaniline-d4	40	23.19	58		1	145
			Dimethylphthalate-d6	40	27.89	70		10	145
			Acenaphthylene-d8	40	25.54	64		15	120
			4-Nitrophenol-d4	40	20.00	50		10	150
			Fluorene-d10	40	27.45	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.49	31		10	130
			Anthracene-d10	40	28.36	71		10	150
			Pyrene-d10	40	30.89	77		10	130
			Benzo(a)pyrene-d12	40	29.68	74		10	140
P2589-18	BH6D2	BM045829.D	1,4-Dioxane-d8	8	2.60	32		15	120
			Pyridine-d5	40	13.08	33		20	120
			Phenol-d5	40	17.56	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.42	44		10	150
			2-Chlorophenol-d4	40	18.57	46		15	120
			4-Methylphenol-d8	40	17.20	43		10	140
			Nitrobenzene-d5	40	18.25	46		10	135
			2-Nitrophenol-d4	40	19.10	48		10	120
			2,4-Dichlorophenol-d3	40	18.77	47		10	140
			4-Chloroaniline-d4	40	17.56	44		1	145
			Dimethylphthalate-d6	40	22.48	56		10	145
			Acenaphthylene-d8	40	20.75	52		15	120
			4-Nitrophenol-d4	40	12.30	31		10	150
			Fluorene-d10	40	21.24	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.29	28		10	130
			Anthracene-d10	40	21.85	55		10	150
			Pyrene-d10	40	23.02	58		10	130
P2589-19	BH6D3	BM045830.D	Benzo(a)pyrene-d12	40	23.18	58		10	140
			1,4-Dioxane-d8	8	3.29	41		15	120
			Pyridine-d5	40	11.30	28		20	120
			Phenol-d5	40	22.74	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.11	58		10	150
			2-Chlorophenol-d4	40	24.97	62		15	120
			4-Methylphenol-d8	40	20.76	52		10	140
			Nitrobenzene-d5	40	24.22	61		10	135
			2-Nitrophenol-d4	40	25.76	64		10	120
			2,4-Dichlorophenol-d3	40	25.67	64		10	140
			4-Chloroaniline-d4	40	13.87	35		1	145
			Dimethylphthalate-d6	40	27.66	69		10	145
			Acenaphthylene-d8	40	25.82	65		15	120
			4-Nitrophenol-d4	40	17.12	43		10	150
			Fluorene-d10	40	27.43	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.24	31		10	130
			Anthracene-d10	40	28.32	71		10	150

Surrogate Summary

SW-846

SDG No.: BM060424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2589-19	BH6D3	BM045830.D	Pyrene-d10	40	33.72	84		10	130
			Benzo(a)pyrene-d12	40	29.16	73		10	140
P2589-20	BH6D4	BM045834.D	1,4-Dioxane-d8	8	3.09	39		15	120
			Pyridine-d5	40	8.56	21		20	120
			Phenol-d5	40	19.21	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.97	50		10	150
			2-Chlorophenol-d4	40	21.24	53		15	120
			4-Methylphenol-d8	40	18.18	45		10	140
			Nitrobenzene-d5	40	21.00	53		10	135
			2-Nitrophenol-d4	40	21.58	54		10	120
			2,4-Dichlorophenol-d3	40	20.86	52		10	140
			4-Chloroaniline-d4	40	14.29	36		1	145
			Dimethylphthalate-d6	40	22.87	57		10	145
			Acenaphthylene-d8	40	21.85	55		15	120
			4-Nitrophenol-d4	40	9.85	25		10	150
			Fluorene-d10	40	22.02	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.82	27		10	130
			Anthracene-d10	40	23.10	58		10	150
			Pyrene-d10	40	24.41	61		10	130
			Benzo(a)pyrene-d12	40	24.40	61		10	140
P2589-21	BH6D5	BM045835.D	1,4-Dioxane-d8	8	2.64	33		15	120
			Pyridine-d5	40	12.48	31		20	120
			Phenol-d5	40	16.29	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.19	40		10	150
			2-Chlorophenol-d4	40	17.63	44		15	120
			4-Methylphenol-d8	40	16.42	41		10	140
			Nitrobenzene-d5	40	17.28	43		10	135
			2-Nitrophenol-d4	40	18.15	45		10	120
			2,4-Dichlorophenol-d3	40	18.11	45		10	140
			4-Chloroaniline-d4	40	17.29	43		1	145
			Dimethylphthalate-d6	40	22.40	56		10	145
			Acenaphthylene-d8	40	20.95	52		15	120
			4-Nitrophenol-d4	40	12.20	31		10	150
			Fluorene-d10	40	21.26	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.44	31		10	130
			Anthracene-d10	40	22.48	56		10	150
			Pyrene-d10	40	22.16	55		10	130
			Benzo(a)pyrene-d12	40	22.92	57		10	140
P2589-22	BH6D6	BM045836.D	1,4-Dioxane-d8	8	2.16	27		15	120
			Pyridine-d5	40	10.76	27		20	120
			Phenol-d5	40	15.23	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.40	38		10	150
			2-Chlorophenol-d4	40	16.21	41		15	120
			4-Methylphenol-d8	40	15.85	40		10	140
			Nitrobenzene-d5	40	16.49	41		10	135
			2-Nitrophenol-d4	40	17.00	43		10	120
			2,4-Dichlorophenol-d3	40	17.35	43		10	140
			4-Chloroaniline-d4	40	16.22	41		1	145
			Dimethylphthalate-d6	40	20.63	52		10	145

Surrogate Summary

SW-846

SDG No.: **BM060424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2589-22	BH6D6	BM045836.D	Acenaphthylene-d8	40	19.43	49		15	120
			4-Nitrophenol-d4	40	11.40	28		10	150
			Fluorene-d10	40	19.64	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.89	27		10	130
			Anthracene-d10	40	20.83	52		10	150
			Pyrene-d10	40	21.02	53		10	130
			Benzo(a)pyrene-d12	40	21.64	54		10	140
PB161139BL	PB161139BL	BM045819.D	Pyridine-d5	40	24.19	60		20	120
			1,4-Dioxane-d8	8	5.07	63		15	120
			Phenol-d5	40	26.23	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.86	70		10	150
			2-Chlorophenol-d4	40	27.60	69		15	120
			4-Methylphenol-d8	40	27.77	69		10	140
			Nitrobenzene-d5	40	27.24	68		10	135
			2-Nitrophenol-d4	40	26.75	67		10	120
			2,4-Dichlorophenol-d3	40	25.51	64		10	140
			4-Chloroaniline-d4	40	28.56	71		1	145
			Dimethylphthalate-d6	40	29.78	74		10	145
			Acenaphthylene-d8	40	27.46	69		15	120
			4-Nitrophenol-d4	40	20.23	51		10	150
			Fluorene-d10	40	28.60	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.89	52		10	130
			Anthracene-d10	40	29.62	74		10	150
			Pyrene-d10	40	27.98	70		10	130
			Benzo(a)pyrene-d12	40	28.57	71		10	140
			1,4-Dioxane-d8	8	6.40	80		15	120
			Pyridine-d5	40	35.03	88		20	120
PB161139BS	PB161139BS	BM045831.D	Phenol-d5	40	38.44	96		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.78	92		10	150
			2-Chlorophenol-d4	40	40.83	102		15	120
			4-Methylphenol-d8	40	40.34	101		10	140
			Nitrobenzene-d5	40	39.20	98		10	135
			2-Nitrophenol-d4	40	41.54	104		10	120
			2,4-Dichlorophenol-d3	40	40.81	102		10	140
			4-Chloroaniline-d4	40	39.27	98		1	145
			Dimethylphthalate-d6	40	40.71	102		10	145
			Acenaphthylene-d8	40	39.40	98		15	120
			4-Nitrophenol-d4	40	39.84	100		10	150
			Fluorene-d10	40	38.36	96		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.30	78		10	130
			Anthracene-d10	40	39.25	98		10	150
			Pyrene-d10	40	45.47	114		10	130
			Benzo(a)pyrene-d12	40	40.76	102		10	140

Surrogate Summary

SW-846

SDG No.: **BM060424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2586-03	A4D16	BM045843.D	1,4-Dioxane-d8	8	4.12	52		15	120
			Pyridine-d5	40	22.76	57		20	120
			Phenol-d5	40	27.90	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.49	66		10	150
			2-Chlorophenol-d4	40	29.70	74		15	120
			4-Methylphenol-d8	40	29.47	74		10	140
			Nitrobenzene-d5	40	28.55	71		10	135
			2-Nitrophenol-d4	40	31.03	78		10	120
			2,4-Dichlorophenol-d3	40	28.69	72		10	140
			4-Chloroaniline-d4	40	25.97	65		1	145
			Dimethylphthalate-d6	40	30.12	75		10	145
			Acenaphthylene-d8	40	29.05	73		15	120
			4-Nitrophenol-d4	40	17.36	43		10	150
			Fluorene-d10	40	28.01	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.73	44		10	130
			Anthracene-d10	40	29.83	75		10	150
			Pyrene-d10	40	28.55	71		10	130
			Benzo(a)pyrene-d12	40	29.67	74		10	140
P2586-05	A4D18	BM045837.D	1,4-Dioxane-d8	8	3.77	47		15	120
			Pyridine-d5	40	4.89	12	*	20	120
			Phenol-d5	40	24.22	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.42	61		10	150
			2-Chlorophenol-d4	40	26.32	66		15	120
			4-Methylphenol-d8	40	23.63	59		10	140
			Nitrobenzene-d5	40	26.43	66		10	135
			2-Nitrophenol-d4	40	27.50	69		10	120
			2,4-Dichlorophenol-d3	40	25.73	64		10	140
			4-Chloroaniline-d4	40	9.10	23		1	145
			Dimethylphthalate-d6	40	27.13	68		10	145
			Acenaphthylene-d8	40	26.74	67		15	120
			4-Nitrophenol-d4	40	14.37	36		10	150
			Fluorene-d10	40	26.08	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.12	40		10	130
			Anthracene-d10	40	28.15	70		10	150
			Pyrene-d10	40	24.82	62		10	130
			Benzo(a)pyrene-d12	40	20.39	51		10	140
P2586-06MS	A4D18MS	BM045838.D	1,4-Dioxane-d8	8	5.13	64		15	120
			Pyridine-d5	40	13.38	33		20	120
			Phenol-d5	40	32.03	80		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.06	80		10	150
			2-Chlorophenol-d4	40	35.59	89		15	120
			4-Methylphenol-d8	40	30.74	77		10	140
			Nitrobenzene-d5	40	36.00	90		10	135
			2-Nitrophenol-d4	40	38.00	95		10	120
			2,4-Dichlorophenol-d3	40	35.96	90		10	140
			4-Chloroaniline-d4	40	16.51	41		1	145
			Dimethylphthalate-d6	40	35.81	90		10	145
			Acenaphthylene-d8	40	35.39	88		15	120
			4-Nitrophenol-d4	40	33.46	84		10	150

Surrogate Summary

SW-846

SDG No.: **BM060424**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2586-06MS	A4D18MS	BM045838.D	Fluorene-d10	40	34.19	85		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.49	71		10	130
			Anthracene-d10	40	35.35	88		10	150
			Pyrene-d10	40	33.17	83		10	130
			Benzo(a)pyrene-d12	40	25.92	65		10	140
P2586-07MSD	A4D18MSD	BM045839.D	1,4-Dioxane-d8	8	4.71	59		15	120
			Pyridine-d5	40	12.36	31		20	120
			Phenol-d5	40	30.64	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.27	76		10	150
			2-Chlorophenol-d4	40	33.96	85		15	120
			4-Methylphenol-d8	40	29.22	73		10	140
			Nitrobenzene-d5	40	33.84	85		10	135
			2-Nitrophenol-d4	40	36.23	91		10	120
			2,4-Dichlorophenol-d3	40	34.56	86		10	140
			4-Chloroaniline-d4	40	15.91	40		1	145
			Dimethylphthalate-d6	40	34.12	85		10	145
			Acenaphthylene-d8	40	33.61	84		15	120
			4-Nitrophenol-d4	40	31.06	78		10	150
			Fluorene-d10	40	31.93	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.85	67		10	130
			Anthracene-d10	40	33.40	83		10	150
			Pyrene-d10	40	31.86	80		10	130
			Benzo(a)pyrene-d12	40	24.75	62		10	140
P2586-14	A4C28	BM045840.D	1,4-Dioxane-d8	8	3.53	44		15	120
			Pyridine-d5	40	13.26	33		20	120
			Phenol-d5	40	22.99	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.95	55		10	150
			2-Chlorophenol-d4	40	24.23	61		15	120
			4-Methylphenol-d8	40	24.54	61		10	140
			Nitrobenzene-d5	40	24.29	61		10	135
			2-Nitrophenol-d4	40	25.72	64		10	120
			2,4-Dichlorophenol-d3	40	24.35	61		10	140
			4-Chloroaniline-d4	40	20.53	51		1	145
			Dimethylphthalate-d6	40	25.87	65		10	145
			Acenaphthylene-d8	40	25.39	63		15	120
			4-Nitrophenol-d4	40	14.18	35		10	150
			Fluorene-d10	40	24.40	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.87	32		10	130
			Anthracene-d10	40	25.09	63		10	150
			Pyrene-d10	40	25.15	63		10	130
			Benzo(a)pyrene-d12	40	25.00	62		10	140
P2586-15	A4C29	BM045841.D	1,4-Dioxane-d8	8	3.29	41		15	120
			Pyridine-d5	40	17.05	43		20	120
			Phenol-d5	40	23.12	58		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.99	55		10	150
			2-Chlorophenol-d4	40	24.12	60		15	120
			4-Methylphenol-d8	40	23.98	60		10	140
			Nitrobenzene-d5	40	24.15	60		10	135
			2-Nitrophenol-d4	40	25.73	64		10	120

Surrogate Summary

SW-846

SDG No.: BM060424

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2586-15	A4C29	BM045841.D	2,4-Dichlorophenol-d3	40	23.90	60		10	140
			4-Chloroaniline-d4	40	18.88	47		1	145
			Dimethylphthalate-d6	40	25.43	64		10	145
			Acenaphthylene-d8	40	24.74	62		15	120
			4-Nitrophenol-d4	40	16.09	40		10	150
			Fluorene-d10	40	23.77	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.19	33		10	130
			Anthracene-d10	40	25.06	63		10	150
			Pyrene-d10	40	24.19	60		10	130
			Benzo(a)pyrene-d12	40	25.21	63		10	140
			1,4-Dioxane-d8	8	2.87	36		15	120
			Pyridine-d5	40	14.32	36		20	120
P2586-16	A4C31	BM045842.D	Phenol-d5	40	18.30	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.38	43		10	150
			2-Chlorophenol-d4	40	19.35	48		15	120
			4-Methylphenol-d8	40	18.84	47		10	140
			Nitrobenzene-d5	40	19.20	48		10	135
			2-Nitrophenol-d4	40	20.47	51		10	120
			2,4-Dichlorophenol-d3	40	19.12	48		10	140
			4-Chloroaniline-d4	40	14.44	36		1	145
			Dimethylphthalate-d6	40	20.57	51		10	145
			Acenaphthylene-d8	40	20.22	51		15	120
			4-Nitrophenol-d4	40	12.45	31		10	150
			Fluorene-d10	40	19.27	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.58	29		10	130
			Anthracene-d10	40	20.21	51		10	150
			Pyrene-d10	40	19.10	48		10	130
			Benzo(a)pyrene-d12	40	20.00	50		10	140
			Pyridine-d5	40	24.62	62		20	120
			1,4-Dioxane-d8	8	4.67	58		15	120
PB161208BL	PB161208BL	BM045833.D	Phenol-d5	40	26.33	66		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.30	66		10	150
			2-Chlorophenol-d4	40	27.99	70		15	120
			4-Methylphenol-d8	40	27.45	69		10	140
			Nitrobenzene-d5	40	27.95	70		10	135
			2-Nitrophenol-d4	40	29.36	73		10	120
			2,4-Dichlorophenol-d3	40	26.76	67		10	140
			4-Chloroaniline-d4	40	28.25	71		1	145
			Dimethylphthalate-d6	40	29.11	73		10	145
			Acenaphthylene-d8	40	27.88	70		15	120
			4-Nitrophenol-d4	40	18.42	46		10	150
			Fluorene-d10	40	27.06	68		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.24	43		10	130
			Anthracene-d10	40	29.30	73		10	150
			Pyrene-d10	40	28.18	70		10	130
			Benzo(a)pyrene-d12	40	28.45	71		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM060424

Lab Code: CHEM

SAS No.: BM060424

SDG NO.: BM060424

Lab File ID: BM045810.D

DFTPP Injection Date: 06/04/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:39

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	65.3
68	Less than 2.0% of mass 69	0.9 (1.6) 1
69	Mass 69 relative abundance	53.5
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	54.1
197	Less than 2.0% of mass 198	0.4
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	24.2
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	8.9
442	Greater than 50% of mass 198	55
443	15.0 - 24.0% of mass 442	10.5 (19) 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
SSTD020111	SSTDCCC020	BM045811.D	06/04/2024	10:58
SBLK908	PB160908BL	BM045812.D	06/04/2024	11:37
MDL-WATER-QT2-2024-04	P2409-02	BM045813.D	06/04/2024	12:29
MDL-SOIL-QT2-2024-04	P2409-04	BM045814.D	06/04/2024	13:09
MDL-MED-SOIL-QT2-2024-04	P2409-06	BM045815.D	06/04/2024	13:48
SBLK910	PB160910BL	BM045816.D	06/04/2024	14:28
SBLK913	PB160913BL	BM045817.D	06/04/2024	15:08
SSTD020112	SSTDCCC020	BM045818.D	06/04/2024	15:54
SBLK139	PB161139BL	BM045819.D	06/04/2024	16:33
BH5W2	P2589-01	BM045820.D	06/04/2024	17:13
BH6C4	P2589-10	BM045821.D	06/04/2024	17:53
BH6C5	P2589-11	BM045822.D	06/04/2024	18:33
BH6C6	P2589-12	BM045823.D	06/04/2024	19:12
BH6C7	P2589-13	BM045824.D	06/04/2024	19:52
BH6C8	P2589-14	BM045825.D	06/04/2024	20:32
BH6C9	P2589-15	BM045826.D	06/04/2024	21:11
BH6D0	P2589-16	BM045827.D	06/04/2024	21:51
BH6D1	P2589-17	BM045828.D	06/04/2024	22:31

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM060424

Lab Code: CHEM

SAS No.: BM060424

SDG NO.: BM060424

Lab File ID: BM045810.D

DFTPP Injection Date: 06/04/2024

Instrument ID: BNA_M

DFTPP Injection Time: 09:39

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	65.3
68	Less than 2.0% of mass 69	0.9 (1.6) 1
69	Mass 69 relative abundance	53.5
70	Less than 2.0% of mass 69	0.3 (0.6) 1
127	10.0 - 80.0% of mass 198	54.1
197	Less than 2.0% of mass 198	0.4
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	24.2
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	8.9
442	Greater than 50% of mass 198	55
443	15.0 - 24.0% of mass 442	10.5 (19) 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
BH6D2	P2589-18	BM045829.D	06/04/2024	23:10
BH6D3	P2589-19	BM045830.D	06/04/2024	23:50
SLCS139	PB161139BS	BM045831.D	06/05/2024	00:29
SSTD020113	SSTDCCC020	BM045832.D	06/05/2024	01:48
SBLK208	PB161208BL	BM045833.D	06/05/2024	02:27
BH6D4	P2589-20	BM045834.D	06/05/2024	03:06
BH6D5	P2589-21	BM045835.D	06/05/2024	03:46
BH6D6	P2589-22	BM045836.D	06/05/2024	04:25
A4D18	P2586-05	BM045837.D	06/05/2024	05:04
A4D18MS	P2586-06MS	BM045838.D	06/05/2024	05:44
A4D18MSD	P2586-07MSD	BM045839.D	06/05/2024	06:23
A4C28	P2586-14	BM045840.D	06/05/2024	07:02
A4C29	P2586-15	BM045841.D	06/05/2024	07:42
A4C31	P2586-16	BM045842.D	06/05/2024	08:21
A4D16	P2586-03	BM045843.D	06/05/2024	09:00