

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM091124 SAS No.: BM091124 SDG No.: BM091124

Instrument ID: BNA_M Calibration Date/Time: 9/11/2024 1:08:47

Lab File ID: BM047473.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020140 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.535	0.533	0.010	-0.47	40.0
Benzaldehyde	0.992	1.178	0.010	18.7059	40.0
Pyridine	1.636	1.569	0.010	-4.0767	40.0
Phenol	1.930	1.824	0.080	-5.4905	20.0
Bis(2-Chloroethyl)ether	1.526	1.488	0.100	-2.5206	20.0
2-Chlorophenol	1.479	1.470	0.200	-0.5769	20.0
2-Methylphenol	1.453	1.360	0.010	-6.3909	20.0
2,2-oxybis(1-Chloropropane)	2.237	2.205	0.010	-1.4062	40.0
Acetophenone	2.371	2.378	0.060	0.2704	20.0
4-Methylphenol	1.586	1.547	0.010	-2.4582	20.0
N-Nitroso-di-n-propylamine	1.259	1.289	0.050	2.4023	30.0
Hexachloroethane	0.635	0.634	0.100	-0.2486	20.0
Nitrobenzene	0.386	0.374	0.050	-3.1225	25.0
Isophorone	0.770	0.740	0.050	-3.8322	25.0
2-Nitrophenol	0.169	0.170	0.050	0.8965	25.0
2,4-Dimethylphenol	0.363	0.354	0.050	-2.5771	25.0
Bis(2-Chloroethoxy)methane	0.466	0.449	0.050	-3.5631	20.0
2,4-Dichlorophenol	0.301	0.294	0.060	-2.293	20.0
Naphthalene	1.102	1.061	0.200	-3.7393	20.0
4-Chloroaniline	0.478	0.456	0.010	-4.5645	40.0
Hexachlorobutadiene	0.179	0.172	0.040	-4.1793	30.0
Caprolactam	0.116	0.099	0.010	-14.8219	40.0
4-Chloro-3-methylphenol	0.339	0.326	0.040	-3.8027	25.0
1-Methylnaphthalene	0.765	0.738	0.100	-3.5806	20.0
2-Methylnaphthalene	0.757	0.734	0.100	-3.0543	20.0
Hexachlorocyclopentadiene	0.408	0.344	0.010	-15.8387	40.0
2,4,6-Trichlorophenol	0.364	0.350	0.090	-3.8171	25.0
2,4,5-Trichlorophenol	0.396	0.389	0.100	-1.6793	25.0
1,1-Biphenyl	1.576	1.514	0.200	-3.9656	20.0
2-Chloronaphthalene	1.209	1.158	0.300	-4.1997	20.0
2-Nitroaniline	0.352	0.346	0.050	-1.6174	40.0
Dimethylphthalate	1.493	1.427	0.300	-4.4396	20.0
2,6-Dinitrotoluene	0.272	0.273	0.080	0.3475	30.0
Acenaphthylene	1.918	1.839	0.400	-4.0682	20.0
3-Nitroaniline	0.318	0.314	0.010	-1.3632	40.0
Acenaphthene	1.362	1.302	0.200	-4.4448	20.0
2,4-Dinitrophenol	0.150	0.127	0.010	-15.3599	40.0
4-Nitrophenol	0.245	0.228	0.010	-6.8378	40.0
Dibenzofuran	1.771	1.706	0.300	-3.6589	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM091124 SAS No.: BM091124 SDG No.: BM091124

Instrument ID: BNA_M Calibration Date/Time: 9/11/2024 1:08:47

Lab File ID: BM047473.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020140 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.392	0.402	0.070	2.3871	30.0
Diethylphthalate	1.580	1.506	0.300	-4.6558	20.0
Fluorene	1.545	1.498	0.200	-3.0399	20.0
4-Chlorophenyl-phenylether	0.716	0.696	0.100	-2.6983	20.0
4-Nitroaniline	0.315	0.338	0.010	7.2289	40.0
4,6-Dinitro-2-methylphenol	0.120	0.107	0.010	-10.8207	40.0
N-Nitrosodiphenylamine	0.622	0.599	0.050	-3.7134	20.0
1,2,4,5-Tetrachlorobenzene	0.594	0.558	0.100	-6.0987	20.0
4-Bromophenyl-phenylether	0.207	0.198	0.070	-4.3968	20.0
Hexachlorobenzene	0.236	0.226	0.050	-4.5866	25.0
Atrazine	0.218	0.201	0.010	-8.0432	25.0
Pentachlorophenol	0.149	0.130	0.010	-12.9117	40.0
Phenanthrene	1.141	1.093	0.200	-4.2352	20.0
Pentachlorobenzene	0.287	0.272	0.050	-5.2253	20.0
Anthracene	1.155	1.115	0.200	-3.5207	20.0
1,2,3,4-Tetrachlorobenzene	0.291	0.276	0.050	-4.9711	20.0
Carbazole	1.056	1.030	0.050	-2.4795	40.0
Di-n-butylphthalate	1.362	1.318	0.500	-3.2168	25.0
Fluoranthene	1.374	1.344	0.400	-2.1723	25.0
Pyrene	1.464	1.462	0.400	-0.1618	25.0
Butylbenzylphthalate	0.668	0.632	0.100	-5.4589	40.0
3,3-Dichlorobenzidine	0.473	0.430	0.010	-9.1643	40.0
Benzo (a) anthracene	1.429	1.371	0.300	-4.0606	30.0
Chrysene	1.318	1.251	0.200	-5.0711	30.0
Bis (2-ethylhexyl) phthalate	1.014	0.962	0.200	-5.0719	40.0
Di-n-octyl phthalate	1.598	1.545	0.010	-3.325	40.0
Benzo (b) fluoranthene	1.284	1.262	0.200	-1.6849	25.0
Benzo (k) fluoranthene	1.261	1.272	0.200	0.8972	25.0
Benzo (a) pyrene	1.179	1.155	0.200	-2.0484	20.0
Indeno (1,2,3-cd) pyrene	1.446	1.290	0.200	-10.7979	25.0
Dibenzo (a,h) anthracene	1.178	1.061	0.200	-9.8985	30.0
Benzo (g,h,i) perylene	1.105	0.957	0.200	-13.3501	30.0
2,3,4,6-Tetrachlorophenol	0.305	0.300	0.040	-1.5273	20.0
1,4-Dioxane-d8	0.496	0.489	0.010	-1.3501	25.0
Pyridine-d5	1.584	1.511	0.010	-4.6204	40.0
Phenol-d5	1.875	1.735	0.010	-7.4471	25.0
Bis- (2-Chloroethyl) ether-d8	1.167	1.142	0.050	-2.1356	25.0
2-Chlorophenol-d4	1.428	1.407	0.200	-1.4899	20.0
4-Methylphenol-d8	1.474	1.417	0.010	-3.867	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM091124 SAS No.: BM091124 SDG No.: BM091124

Instrument ID: BNA_M Calibration Date/Time: 9/11/2024 1:08:47

Lab File ID: BM047473.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020140 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.151	0.050	-2.3132	20.0
2-Nitrophenol-d4	0.146	0.144	0.050	-1.109	30.0
2,4-Dichlorophenol-d3	0.297	0.287	0.060	-3.3999	20.0
4-Chloroaniline-d4	0.486	0.455	0.010	-6.2446	40.0
Dimethylphthalate-d6	1.470	1.398	0.300	-4.894	20.0
Acenaphthylene-d8	1.774	1.695	0.400	-4.4515	20.0
4-Nitrophenol-d4	0.291	0.271	0.010	-6.9471	40.0
Fluorene-d10	1.270	1.203	0.100	-5.288	20.0
4,6-Dinitro-2-methylphenol-d2	0.106	0.090	0.010	-14.7984	40.0
Anthracene-d10	0.963	0.917	0.300	-4.7743	20.0
Pyrene-d10	1.166	1.119	0.300	-3.9661	25.0
Benzo(a)pyrene-d12	1.063	1.031	0.010	-2.9647	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.: BM091124 SAS No.: BM091124 SDG No.: BM091124

Instrument ID: BNA_M Calibration Date/Time: 9/11/2024 1:14:02

Lab File ID: BM047480.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020141 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.535	0.547	0.010	2.1236	40.0
Benzaldehyde	0.992	1.224	0.010	23.3398	40.0
Pyridine	1.636	1.655	0.010	1.1872	40.0
Phenol	1.930	1.860	0.080	-3.6018	20.0
Bis(2-Chloroethyl)ether	1.526	1.517	0.100	-0.5853	20.0
2-Chlorophenol	1.479	1.468	0.200	-0.7202	20.0
2-Methylphenol	1.453	1.380	0.010	-5.0363	20.0
2,2-oxybis(1-Chloropropane)	2.237	2.306	0.010	3.1248	40.0
Acetophenone	2.371	2.407	0.060	1.518	20.0
4-Methylphenol	1.586	1.552	0.010	-2.159	20.0
N-Nitroso-di-n-propylamine	1.259	1.322	0.050	5.0081	30.0
Hexachloroethane	0.635	0.638	0.100	0.3744	20.0
Nitrobenzene	0.386	0.396	0.050	2.5202	25.0
Isophorone	0.770	0.769	0.050	-0.1377	25.0
2-Nitrophenol	0.169	0.170	0.050	0.5361	25.0
2,4-Dimethylphenol	0.363	0.359	0.050	-1.1458	25.0
Bis(2-Chloroethoxy)methane	0.466	0.461	0.050	-0.9538	20.0
2,4-Dichlorophenol	0.301	0.292	0.060	-2.7845	20.0
Naphthalene	1.102	1.079	0.200	-2.1043	20.0
4-Chloroaniline	0.478	0.461	0.010	-3.5435	40.0
Hexachlorobutadiene	0.179	0.174	0.040	-2.9522	30.0
Caprolactam	0.116	0.097	0.010	-16.5436	40.0
4-Chloro-3-methylphenol	0.339	0.329	0.040	-2.9831	25.0
1-Methylnaphthalene	0.765	0.737	0.100	-3.677	20.0
2-Methylnaphthalene	0.757	0.732	0.100	-3.4183	20.0
Hexachlorocyclopentadiene	0.408	0.339	0.010	-16.9063	40.0
2,4,6-Trichlorophenol	0.364	0.341	0.090	-6.5287	25.0
2,4,5-Trichlorophenol	0.396	0.376	0.100	-5.0971	25.0
1,1-Biphenyl	1.576	1.493	0.200	-5.2827	20.0
2-Chloronaphthalene	1.209	1.150	0.300	-4.8617	20.0
2-Nitroaniline	0.352	0.360	0.050	2.3497	40.0
Dimethylphthalate	1.493	1.408	0.300	-5.6983	20.0
2,6-Dinitrotoluene	0.272	0.267	0.080	-1.9178	30.0
Acenaphthylene	1.918	1.849	0.400	-3.5862	20.0
3-Nitroaniline	0.318	0.305	0.010	-4.0652	40.0
Acenaphthene	1.362	1.316	0.200	-3.43	20.0
2,4-Dinitrophenol	0.150	0.121	0.010	-19.4582	40.0
4-Nitrophenol	0.245	0.234	0.010	-4.5278	40.0
Dibenzofuran	1.771	1.687	0.300	-4.7339	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM091124 SAS No.: BM091124 SDG No.: BM091124

Instrument ID: BNA_M Calibration Date/Time: 9/11/2024 1:14:02

Lab File ID: BM047480.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020141 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.392	0.388	0.070	-1.0311	30.0
Diethylphthalate	1.580	1.470	0.300	-6.9801	20.0
Fluorene	1.545	1.527	0.200	-1.1567	20.0
4-Chlorophenyl-phenylether	0.716	0.715	0.100	-0.0306	20.0
4-Nitroaniline	0.315	0.342	0.010	8.6905	40.0
4,6-Dinitro-2-methylphenol	0.120	0.105	0.010	-12.1362	40.0
N-Nitrosodiphenylamine	0.622	0.613	0.050	-1.3861	20.0
1,2,4,5-Tetrachlorobenzene	0.594	0.554	0.100	-6.7122	20.0
4-Bromophenyl-phenylether	0.207	0.190	0.070	-7.9457	20.0
Hexachlorobenzene	0.236	0.215	0.050	-9.1899	25.0
Atrazine	0.218	0.196	0.010	-10.4135	25.0
Pentachlorophenol	0.149	0.121	0.010	-18.609	40.0
Phenanthrene	1.141	1.105	0.200	-3.181	20.0
Pentachlorobenzene	0.287	0.271	0.050	-5.6344	20.0
Anthracene	1.155	1.149	0.200	-0.5663	20.0
1,2,3,4-Tetrachlorobenzene	0.291	0.283	0.050	-2.6645	20.0
Carbazole	1.056	1.021	0.050	-3.3765	40.0
Di-n-butylphthalate	1.362	1.292	0.500	-5.1182	25.0
Fluoranthene	1.374	1.356	0.400	-1.2995	25.0
Pyrene	1.464	1.500	0.400	2.4406	25.0
Butylbenzylphthalate	0.668	0.607	0.100	-9.1666	40.0
3,3-Dichlorobenzidine	0.473	0.390	0.010	-17.6175	40.0
Benzo (a) anthracene	1.429	1.365	0.300	-4.4514	30.0
Chrysene	1.318	1.258	0.200	-4.5232	30.0
Bis (2-ethylhexyl) phthalate	1.014	0.931	0.200	-8.1941	40.0
Di-n-octyl phthalate	1.598	1.638	0.010	2.502	40.0
Benzo (b) fluoranthene	1.284	1.306	0.200	1.7144	25.0
Benzo (k) fluoranthene	1.261	1.306	0.200	3.5478	25.0
Benzo (a) pyrene	1.179	1.174	0.200	-0.4966	20.0
Indeno (1,2,3-cd) pyrene	1.446	1.223	0.200	-15.4621	25.0
Dibenzo (a,h) anthracene	1.178	1.005	0.200	-14.6424	30.0
Benzo (g,h,i) perylene	1.105	0.899	0.200	-18.65	30.0
2,3,4,6-Tetrachlorophenol	0.305	0.287	0.040	-5.949	20.0
1,4-Dioxane-d8	0.496	0.513	0.010	3.3839	25.0
Pyridine-d5	1.584	1.616	0.010	2.0256	40.0
Phenol-d5	1.875	1.774	0.010	-5.3934	25.0
Bis- (2-Chloroethyl) ether-d8	1.167	1.189	0.050	1.9029	25.0
2-Chlorophenol-d4	1.428	1.399	0.200	-1.9855	20.0
4-Methylphenol-d8	1.474	1.410	0.010	-4.3152	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM091124 SAS No.: BM091124 SDG No.: BM091124

Instrument ID: BNA_M Calibration Date/Time: 9/11/2024 1:14:02

Lab File ID: BM047480.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020141 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.155	0.050	0.2767	20.0
2-Nitrophenol-d4	0.146	0.144	0.050	-1.6191	30.0
2,4-Dichlorophenol-d3	0.297	0.285	0.060	-3.8764	20.0
4-Chloroaniline-d4	0.486	0.458	0.010	-5.6043	40.0
Dimethylphthalate-d6	1.470	1.354	0.300	-7.8651	20.0
Acenaphthylene-d8	1.774	1.675	0.400	-5.5566	20.0
4-Nitrophenol-d4	0.291	0.261	0.010	-10.3269	40.0
Fluorene-d10	1.270	1.180	0.100	-7.076	20.0
4,6-Dinitro-2-methylphenol-d2	0.106	0.089	0.010	-16.1505	40.0
Anthracene-d10	0.963	0.932	0.300	-3.231	20.0
Pyrene-d10	1.166	1.120	0.300	-3.8732	25.0
Benzo(a)pyrene-d12	1.063	1.025	0.010	-3.5263	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.: BM091124 SAS No.: BM091124 SDG No.: BM091124

Instrument ID: BNA_M Calibration Date/Time: 9/12/2024 1:00:33

Lab File ID: BM047495.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020142 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.535	0.486	0.010	-9.17	50.0
Benzaldehyde	0.992	1.156	0.010	16.482	50.0
Pyridine	1.636	1.526	0.010	-6.7234	50.0
Phenol	1.930	1.799	0.080	-6.7833	50.0
Bis(2-Chloroethyl)ether	1.526	1.451	0.100	-4.9153	50.0
2-Chlorophenol	1.479	1.480	0.200	0.0595	50.0
2-Methylphenol	1.453	1.376	0.010	-5.3122	50.0
2,2-oxybis(1-Chloropropane)	2.237	2.108	0.010	-5.7683	50.0
Acetophenone	2.371	2.321	0.060	-2.1167	50.0
4-Methylphenol	1.586	1.546	0.010	-2.5162	50.0
N-Nitroso-di-n-propylamine	1.259	1.236	0.050	-1.8246	50.0
Hexachloroethane	0.635	0.613	0.100	-3.484	50.0
Nitrobenzene	0.386	0.376	0.050	-2.5763	50.0
Isophorone	0.770	0.737	0.050	-4.2599	50.0
2-Nitrophenol	0.169	0.178	0.050	5.5742	50.0
2,4-Dimethylphenol	0.363	0.352	0.050	-2.9202	50.0
Bis(2-Chloroethoxy)methane	0.466	0.443	0.050	-4.8853	50.0
2,4-Dichlorophenol	0.301	0.308	0.060	2.2559	50.0
Naphthalene	1.102	1.061	0.200	-3.7356	50.0
4-Chloroaniline	0.478	0.447	0.010	-6.3746	50.0
Hexachlorobutadiene	0.179	0.176	0.040	-1.8817	50.0
Caprolactam	0.116	0.102	0.010	-12.3799	50.0
4-Chloro-3-methylphenol	0.339	0.332	0.040	-2.071	50.0
1-Methylnaphthalene	0.765	0.742	0.100	-2.9859	50.0
2-Methylnaphthalene	0.757	0.737	0.100	-2.6491	50.0
Hexachlorocyclopentadiene	0.408	0.308	0.010	-24.5612	50.0
2,4,6-Trichlorophenol	0.364	0.378	0.090	3.7264	50.0
2,4,5-Trichlorophenol	0.396	0.411	0.100	3.7284	50.0
1,1-Biphenyl	1.576	1.526	0.200	-3.1975	50.0
2-Chloronaphthalene	1.209	1.169	0.300	-3.3468	50.0
2-Nitroaniline	0.352	0.352	0.050	0.1201	50.0
Dimethylphthalate	1.493	1.426	0.300	-4.4979	50.0
2,6-Dinitrotoluene	0.272	0.281	0.080	2.9515	50.0
Acenaphthylene	1.918	1.857	0.400	-3.1746	50.0
3-Nitroaniline	0.318	0.326	0.010	2.3876	50.0
Acenaphthene	1.362	1.305	0.200	-4.1915	50.0
2,4-Dinitrophenol	0.150	0.088	0.010	-41.1685	50.0
4-Nitrophenol	0.245	0.212	0.010	-13.3764	50.0
Dibenzofuran	1.771	1.704	0.300	-3.774	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM091124 SAS No.: BM091124 SDG No.: BM091124

Instrument ID: BNA_M Calibration Date/Time: 9/12/2024 1:00:33

Lab File ID: BM047495.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020142 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.392	0.402	0.070	2.413	50.0
Diethylphthalate	1.580	1.474	0.300	-6.6697	50.0
Fluorene	1.545	1.491	0.200	-3.5296	50.0
4-Chlorophenyl-phenylether	0.716	0.695	0.100	-2.8403	50.0
4-Nitroaniline	0.315	0.343	0.010	8.9327	50.0
4,6-Dinitro-2-methylphenol	0.120	0.088	0.010	-26.4657	50.0
N-Nitrosodiphenylamine	0.622	0.606	0.050	-2.5984	50.0
1,2,4,5-Tetrachlorobenzene	0.594	0.581	0.100	-2.1848	50.0
4-Bromophenyl-phenylether	0.207	0.204	0.070	-1.5908	50.0
Hexachlorobenzene	0.236	0.232	0.050	-1.88	50.0
Atrazine	0.218	0.204	0.010	-6.6935	50.0
Pentachlorophenol	0.149	0.127	0.010	-14.6732	50.0
Phenanthrene	1.141	1.089	0.200	-4.5572	50.0
Pentachlorobenzene	0.287	0.284	0.050	-1.1539	50.0
Anthracene	1.155	1.111	0.200	-3.8669	50.0
1,2,3,4-Tetrachlorobenzene	0.291	0.297	0.050	2.0785	50.0
Carbazole	1.056	1.007	0.050	-4.6645	50.0
Di-n-butylphthalate	1.362	1.311	0.500	-3.7242	50.0
Fluoranthene	1.374	1.534	0.400	11.69	50.0
Pyrene	1.464	1.646	0.400	12.416	50.0
Butylbenzylphthalate	0.668	0.715	0.100	7.0212	50.0
3,3-Dichlorobenzidine	0.473	0.388	0.010	-18.0101	50.0
Benzo (a) anthracene	1.429	1.382	0.300	-3.2732	50.0
Chrysene	1.318	1.256	0.200	-4.6942	50.0
Bis (2-ethylhexyl) phthalate	1.014	1.102	0.200	8.7608	50.0
Di-n-octyl phthalate	1.598	2.011	0.010	25.855	50.0
Benzo (b) fluoranthene	1.284	1.265	0.200	-1.4564	50.0
Benzo (k) fluoranthene	1.261	1.299	0.200	2.9997	50.0
Benzo (a) pyrene	1.179	1.140	0.200	-3.3083	50.0
Indeno (1,2,3-cd) pyrene	1.446	1.306	0.200	-9.6932	50.0
Dibenzo (a,h) anthracene	1.178	1.063	0.200	-9.7706	50.0
Benzo (g,h,i) perylene	1.105	0.993	0.200	-10.1419	50.0
2,3,4,6-Tetrachlorophenol	0.305	0.311	0.040	2.0159	50.0
1,4-Dioxane-d8	0.496	0.463	0.010	-6.5628	50.0
Pyridine-d5	1.584	1.502	0.010	-5.2215	50.0
Phenol-d5	1.875	1.735	0.010	-7.4452	50.0
Bis- (2-Chloroethyl) ether-d8	1.167	1.103	0.050	-5.4522	50.0
2-Chlorophenol-d4	1.428	1.442	0.200	0.9711	50.0
4-Methylphenol-d8	1.474	1.427	0.010	-3.1629	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM091124 SAS No.: BM091124 SDG No.: BM091124

Instrument ID: BNA_M Calibration Date/Time: 9/12/2024 1:00:33

Lab File ID: BM047495.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020142 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.158	0.050	2.1896	50.0
2-Nitrophenol-d4	0.146	0.156	0.050	7.0594	50.0
2,4-Dichlorophenol-d3	0.297	0.306	0.060	3.0733	50.0
4-Chloroaniline-d4	0.486	0.459	0.010	-5.5055	50.0
Dimethylphthalate-d6	1.470	1.413	0.300	-3.8834	50.0
Acenaphthylene-d8	1.774	1.717	0.400	-3.2264	50.0
4-Nitrophenol-d4	0.291	0.255	0.010	-12.2822	50.0
Fluorene-d10	1.270	1.204	0.100	-5.2569	50.0
4,6-Dinitro-2-methylphenol-d2	0.106	0.076	0.010	-28.4779	50.0
Anthracene-d10	0.963	0.924	0.300	-4.1046	50.0
Pyrene-d10	1.166	1.282	0.300	9.9547	50.0
Benzo(a)pyrene-d12	1.063	1.029	0.010	-3.1592	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	SBLK193	SDG No.:	BM091124
Lab Sample ID:	PB163193BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047474.D	1	9/5/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163193

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:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	SBLK193	SDG No.:	BM091124
Lab Sample ID:	PB163193BL	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
BM047474.D	1	9/5/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163193

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:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	SBLK193	SDG No.:	BM091124
Lab Sample ID:	PB163193BL	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
BM047474.D	1	9/5/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163193

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	6.031		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	26.254		20-120		66	SPK: -40
4165-62-2	Phenol-d5	25.365		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.486		25-120		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.009		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	25.874		25-125		65	SPK: -40
4165-60-0	Nitrobenzene-d5	29.615		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.348		20-130		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.499		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.197		1-146		63	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.912		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	28.217		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	26.143		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	29.431		25-125		74	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	SBLK193	SDG No.:	BM091124
Lab Sample ID:	PB163193BL	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
BM047474.D	1	9/5/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163193

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.51		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	30.09		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	32.079		15-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.173		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	388384	7.869				
1146-65-2	Naphthalene-d8	1703748	10.669				
15067-26-2	Acenaphthene-d10	1087213	14.498				
1517-22-2	Phenanthrene-d10	2205896	17.233				
1719-03-5	Chrysene-d12	1907633	21.462				
1520-96-3	Perylene-d12	1956177	24.509				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Cyclic	2.5	J			2.969	
000994-05-8	Butane, 2-methoxy-2-methyl-	2.1	J			3.046	
E966796	Total Alkanes	2.5				99	ug/L

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SBLK198	SDG No.:	BM091124
Lab Sample ID:	PB163198BL	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
BM047475.D	1	9/6/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163198

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
110-86-1	Pyridine	43	U	43	170	330	ug/Kg
100-52-7	Benzaldehyde	75	U	75	82.5	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:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SBLK198	SDG No.:	BM091124
Lab Sample ID:	PB163198BL	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
BM047475.D	1	9/6/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163198

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:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SBLK198	SDG No.:	BM091124
Lab Sample ID:	PB163198BL	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
BM047475.D	1	9/6/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163198

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	5.946		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	25.51		20-120		64	SPK: -40
4165-62-2	Phenol-d5	24.409		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.932		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.059		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	24.65		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	27.626		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.25		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.771		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.129		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.509		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	26.215		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.132		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	27.737		20-140		69	SPK: -40

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SBLK198	SDG No.:	BM091124
Lab Sample ID:	PB163198BL	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
BM047475.D	1	9/6/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.649		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	29.015		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	30.307		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.32		10-140		71	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	387750	7.869				
1146-65-2	Naphthalene-d8	1715155	10.669				
15067-26-2	Acenaphthene-d10	1107499	14.498				
1517-22-2	Phenanthrene-d10	2199548	17.233				
1719-03-5	Chrysene-d12	1903153	21.462				
1520-96-3	Perylene-d12	1922429	24.509				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Cyclic2.969	75	J			2.969	
000994-05-8	Butane, 2-methoxy-2-methyl-	67	J			3.046	
E966796	Total Alkanes	75				99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-05	SDG No.:	BM091124
Lab Sample ID:	P3391-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047476.D	1	9/5/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163193

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	J	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	5.1	J	2.5	5	10	ug/L
110-86-1	Pyridine	4	J	1.4	10	10	ug/L
108-95-2	Phenol	3.8	J	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	4.3	J	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	4.2	J	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	3.3	J	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.3	J	1.4	5	10	ug/L
98-86-2	Acetophenone	4.1	J	1.5	5	10	ug/L
106-44-5	4-Methylphenol	3.5	J	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	4.1	J	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	4.3	J	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	4.3	J	1.4	2.5	5	ug/L
78-59-1	Isophorone	3.9	J	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	4.1	J	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.5	J	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	4.2	J	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	3.9	J	1.5	2.5	5	ug/L
91-20-3	Naphthalene	4.1	J	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	3.7	J	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	4.1	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	3.4	J	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	4	J	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	3.9	J	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	4.3	J	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	3.2	J	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	3.4	J	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-05	SDG No.:	BM091124
Lab Sample ID:	P3391-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047476.D	1	9/5/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163193

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4	J	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4.1	J	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	3.6	J	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	4.1	J	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	3.7	J	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	4.3	J	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	3.4	J	0.84	5	10	ug/L
83-32-9	Acenaphthene	4.1	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	4.2	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	4.1	J	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	3.8	J	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	4.1	J	1.5	2.5	5	ug/L
86-73-7	Fluorene	4	J	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4	J	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	3.5	J	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.5	J	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	3.8	J	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	3.9	J	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	3.8	J	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	3.9	J	1.6	2.5	5	ug/L
1912-24-9	Atrazine	3.6	J	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	5	J	3.6	5	10	ug/L
85-01-8	Phenanthrene	4	J	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	4	J	1.5	2.5	5	ug/L
120-12-7	Anthracene	3.4	J	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	3.6	J	1.2	2.5	5	ug/L
86-74-8	Carbazole	3.7	J	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	3.7	J	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	3.9	J	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-05	SDG No.:	BM091124
Lab Sample ID:	P3391-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047476.D	1	9/5/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163193

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4	J	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	3.3	J	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	2.7	J	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	3.9	J	1.4	2.5	5	ug/L
218-01-9	Chrysene	3.9	J	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.4	J	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	3.4	J	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.1	J	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.1	J	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	4.2	J	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.7	J	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	3.9	J	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	3.8	J	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.5	J	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.845		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	23.445		20-120		59	SPK: -40
4165-62-2	Phenol-d5	21.595		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.187		25-120		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.995		20-130		55	SPK: -40
190780-66-6	4-Methylphenol-d8	19.912		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	23.648		20-125		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.11		20-130		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.999		20-120		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.066		1-146		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.252		25-130		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.171		10-130		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.002		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	22.94		25-125		57	SPK: -40

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-05	SDG No.:	BM091124
Lab Sample ID:	P3391-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047476.D	1	9/5/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163193

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.547		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	19.033		25-130		48	SPK: -40
1718-52-1	Pyrene-d10	22.56		15-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.134		20-130		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	405531	7.869				
1146-65-2	Naphthalene-d8	1819871	10.669				
15067-26-2	Acenaphthene-d10	1121451	14.498				
1517-22-2	Phenanthrene-d10	2328999	17.233				
1719-03-5	Chrysene-d12	2097530	21.462				
1520-96-3	Perylene-d12	2015882	24.509				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT3-2024-05	SDG No.:	BM091124
Lab Sample ID:	P3391-03	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
BM047477.D	1	9/6/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	36	J	13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	170	J	75	82.5	330	ug/Kg
110-86-1	Pyridine	140	J	43	170	330	ug/Kg
108-95-2	Phenol	130	J	35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	140	J	34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	140	J	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	110	J	30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	J	27	82.5	330	ug/Kg
98-86-2	Acetophenone	140	J	38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	120	J	32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	140	J	29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	140	J	23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	140	J	36	42.5	170	ug/Kg
78-59-1	Isophorone	130	J	34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	140	J	32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	48	J	28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	140	J	38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	130	J	39	42.5	170	ug/Kg
91-20-3	Naphthalene	140	J	34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	130	J	43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	140	J	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	120	J	28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	130	J	41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	130	J	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	J	79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	J	43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	J	42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT3-2024-05	SDG No.:	BM091124
Lab Sample ID:	P3391-03	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
BM047477.D	1	9/6/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	130	J	48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	130	J	45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	130	J	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	140	J	42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	J	21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	140	J	43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	110	J	20	82.5	330	ug/Kg
83-32-9	Acenaphthene	130	J	41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	180	J	120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	140	J	41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	140	J	46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	J	27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	130	J	60	42.5	170	ug/Kg
86-73-7	Fluorene	130	J	45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	130	J	47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	120	J	42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	120	J	16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	120	J	42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	130	J	51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	130	J	45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	130	J	50	42.5	170	ug/Kg
1912-24-9	Atrazine	120	J	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	170	J	87	82.5	330	ug/Kg
85-01-8	Phenanthrene	130	J	44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	130	J	51	42.5	170	ug/Kg
120-12-7	Anthracene	110	J	43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	120	J	33	42.5	170	ug/Kg
86-74-8	Carbazole	120	J	45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	120	J	42	42.5	170	ug/Kg
206-44-0	Fluoranthene	130	J	44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT3-2024-05	SDG No.:	BM091124
Lab Sample ID:	P3391-03	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
BM047477.D	1	9/6/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	J	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	110	J	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	90	J	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	39	42.5	170	ug/Kg
218-01-9	Chrysene	130	J	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	120	J	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	140	J	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	140	J	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	J	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	120	J	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	120	J	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	J	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.098		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	23.563		20-120		59	SPK: -40
4165-62-2	Phenol-d5	21.642		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.956		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.386		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	20.111		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	23.69		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.096		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.183		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.071		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.391		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.028		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.816		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	23.029		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT3-2024-05	SDG No.:	BM091124
Lab Sample ID:	P3391-03	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
BM047477.D	1	9/6/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.019		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	19.162		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	23.482		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.505		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	433794	7.869				
1146-65-2	Naphthalene-d8	1956736	10.669				
15067-26-2	Acenaphthene-d10	1216177	14.498				
1517-22-2	Phenanthrene-d10	2482034	17.233				
1719-03-5	Chrysene-d12	2117573	21.462				
1520-96-3	Perylene-d12	1886580	24.509				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT3-2024-05	SDG No.:	BM091124
Lab Sample ID:	P3391-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 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
BM047478.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1100	J	380	190	1900	ug/Kg
100-52-7	Benzaldehyde	5300	J	2100	2400	9600	ug/Kg
110-86-1	Pyridine	4500	J	1300	4800	9600	ug/Kg
108-95-2	Phenol	4200	J	960	2400	9600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4700	J	880	2400	9600	ug/Kg
95-57-8	2-Chlorophenol	4500	J	850	1200	4800	ug/Kg
95-48-7	2-Methylphenol	3700	J	910	2400	9600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	4800	J	740	2400	9600	ug/Kg
98-86-2	Acetophenone	4500	J	1100	2400	9600	ug/Kg
106-44-5	4-Methylphenol	4000	J	840	2400	9600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4600	J	730	1200	4800	ug/Kg
67-72-1	Hexachloroethane	4700	J	560	1200	4800	ug/Kg
98-95-3	Nitrobenzene	4800		910	1200	4800	ug/Kg
78-59-1	Isophorone	4500	J	880	1200	4800	ug/Kg
88-75-5	2-Nitrophenol	4500	J	1100	1200	4800	ug/Kg
105-67-9	2,4-Dimethylphenol	1900	J	820	1200	4800	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4600	J	1100	1200	4800	ug/Kg
120-83-2	2,4-Dichlorophenol	4200	J	1300	1200	4800	ug/Kg
91-20-3	Naphthalene	4500	J	930	1200	4800	ug/Kg
106-47-8	4-Chloroaniline	4200	J	1300	1200	9600	ug/Kg
87-68-3	Hexachlorobutadiene	4500	J	1100	1200	4800	ug/Kg
105-60-2	Caprolactam	6300	J	2600	2400	9600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3900	J	860	1200	4800	ug/Kg
90-12-0	1-Methylnaphthalene	4400	J	1200	1200	4800	ug/Kg
91-57-6	2-Methylnaphthalene	4300	J	1200	1200	4800	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4400	J	2300	2400	9600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3800	J	1200	1200	4800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3900	J	1300	1200	4800	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT3-2024-05	SDG No.:	BM091124
Lab Sample ID:	P3391-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 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
BM047478.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4300	J	1300	1200	4800	ug/Kg
91-58-7	2-Chloronaphthalene	4400	J	1300	1200	4800	ug/Kg
88-74-4	2-Nitroaniline	4200	J	650	1200	4800	ug/Kg
131-11-3	Dimethylphthalate	4500	J	1300	1200	4800	ug/Kg
606-20-2	2,6-Dinitrotoluene	4000	J	710	1200	4800	ug/Kg
208-96-8	Acenaphthylene	4600	J	1300	1200	4800	ug/Kg
99-09-2	3-Nitroaniline	3600	J	650	2400	9600	ug/Kg
83-32-9	Acenaphthene	4400	J	1300	1200	4800	ug/Kg
51-28-5	2,4-Dinitrophenol	5500	J	2900	2400	9600	ug/Kg
100-02-7	4-Nitrophenol	4600	J	1300	2400	9600	ug/Kg
132-64-9	Dibenzofuran	4400	J	1300	1200	4800	ug/Kg
121-14-2	2,4-Dinitrotoluene	4100	J	850	1200	4800	ug/Kg
84-66-2	Diethylphthalate	4300	J	1700	1200	4800	ug/Kg
86-73-7	Fluorene	4400	J	1300	1200	4800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4400	J	1500	1200	4800	ug/Kg
100-01-6	4-Nitroaniline	3800	J	1100	2400	9600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3900	J	460	2400	9600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4100	J	1300	1200	4800	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4200	J	1400	1200	4800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4000	J	1300	1200	4800	ug/Kg
118-74-1	Hexachlorobenzene	4100	J	1400	1200	4800	ug/Kg
1912-24-9	Atrazine	3800	J	890	2400	9600	ug/Kg
87-86-5	Pentachlorophenol	5200	J	2400	2400	9600	ug/Kg
85-01-8	Phenanthrene	4200	J	1300	1200	4800	ug/Kg
608-93-5	Pentachlorobenzene	4300	J	1500	1200	4800	ug/Kg
120-12-7	Anthracene	3800	J	1300	1200	4800	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	4000	J	1100	1200	4800	ug/Kg
86-74-8	Carbazole	4000	J	1400	2400	9600	ug/Kg
84-74-2	Di-n-butylphthalate	4000	J	1300	1200	4800	ug/Kg
206-44-0	Fluoranthene	4300	J	1300	2400	4800	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT3-2024-05	SDG No.:	BM091124
Lab Sample ID:	P3391-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 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
BM047478.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4500	J	1300	1200	4800	ug/Kg
85-68-7	Butylbenzylphthalate	3800	J	1100	1200	4800	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3300	J	710	2400	9600	ug/Kg
56-55-3	Benzo(a)anthracene	4200	J	1300	1200	4800	ug/Kg
218-01-9	Chrysene	4200	J	1300	1200	4800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3800	J	1400	1200	4800	ug/Kg
117-84-0	Di-n-octyl phthalate	4000	J	1100	2400	9600	ug/Kg
205-99-2	Benzo(b)fluoranthene	4500	J	1300	1200	4800	ug/Kg
207-08-9	Benzo(k)fluoranthene	4600	J	1500	1200	4800	ug/Kg
50-32-8	Benzo(a)pyrene	4500	J	1400	1200	4800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3800	J	1200	1200	4800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3900	J	1300	1200	4800	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3900	J	1300	1200	4800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3800	J	1200	1200	4800	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.98		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	23.641		20-120		59	SPK: -40
4165-62-2	Phenol-d5	21.963		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.445		10-150		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.467		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	20.294		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	23.638		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.36		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.245		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.455		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.419		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.145		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.151		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	23.01		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT3-2024-05	SDG No.:	BM091124
Lab Sample ID:	P3391-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 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
BM047478.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.878		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	19.153		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	23.654		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.324		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	432521	7.869				
1146-65-2	Naphthalene-d8	1959335	10.669				
15067-26-2	Acenaphthene-d10	1219459	14.498				
1517-22-2	Phenanthrene-d10	2491653	17.233				
1719-03-5	Chrysene-d12	2110619	21.463				
1520-96-3	Perylene-d12	1863109	24.509				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1300	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	SBLK275	SDG No.:	BM091124
Lab Sample ID:	PB163275BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047479.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	390	U	390	200	2000	ug/Kg
110-86-1	Pyridine	1300	U	1300	4900	9900	ug/Kg
100-52-7	Benzaldehyde	2200	U	2200	2500	9900	ug/Kg
108-95-2	Phenol	990	U	990	2500	9900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	910	U	910	2500	9900	ug/Kg
95-57-8	2-Chlorophenol	870	U	870	1300	5000	ug/Kg
95-48-7	2-Methylphenol	940	U	940	2500	9900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	760	U	760	2500	9900	ug/Kg
98-86-2	Acetophenone	1100	U	1100	2500	9900	ug/Kg
106-44-5	4-Methylphenol	860	U	860	2500	9900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	750	U	750	1300	5000	ug/Kg
67-72-1	Hexachloroethane	570	U	570	1300	5000	ug/Kg
98-95-3	Nitrobenzene	940	U	940	1300	5000	ug/Kg
78-59-1	Isophorone	900	U	900	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	1100	U	1100	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	840	U	840	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100	U	1100	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	1300	U	1300	1300	5000	ug/Kg
91-20-3	Naphthalene	960	U	960	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	1300	U	1300	1300	9900	ug/Kg
87-68-3	Hexachlorobutadiene	1100	U	1100	1300	5000	ug/Kg
105-60-2	Caprolactam	2700	U	2700	2500	9900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	880	U	880	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	1200	U	1200	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2400	U	2400	2500	9900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400	U	1400	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	SBLK275	SDG No.:	BM091124
Lab Sample ID:	PB163275BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 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
BM047479.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1400	U	1400	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	1400	U	1400	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	670	U	670	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	1300	U	1300	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	730	U	730	1300	5000	ug/Kg
208-96-8	Acenaphthylene	1400	U	1400	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	670	U	670	2500	9900	ug/Kg
83-32-9	Acenaphthene	1300	U	1300	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	3000	U	3000	2500	9900	ug/Kg
100-02-7	4-Nitrophenol	1300	U	1300	2500	9900	ug/Kg
132-64-9	Dibenzofuran	1400	U	1400	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	870	U	870	1300	5000	ug/Kg
84-66-2	Diethylphthalate	1800	U	1800	1300	5000	ug/Kg
86-73-7	Fluorene	1400	U	1400	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600	U	1600	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	1100	U	1100	2500	9900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	480	U	480	2500	9900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1300	U	1300	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500	U	1500	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300	U	1300	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	1500	U	1500	1300	5000	ug/Kg
1912-24-9	Atrazine	920	U	920	2500	9900	ug/Kg
87-86-5	Pentachlorophenol	2500	U	2500	2500	9900	ug/Kg
85-01-8	Phenanthrene	1400	U	1400	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	1600	U	1600	1300	5000	ug/Kg
120-12-7	Anthracene	1400	U	1400	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100	U	1100	1300	5000	ug/Kg
86-74-8	Carbazole	1500	U	1500	2500	9900	ug/Kg
84-74-2	Di-n-butylphthalate	1400	U	1400	1300	5000	ug/Kg
206-44-0	Fluoranthene	1300	U	1300	2500	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	SBLK275	SDG No.:	BM091124
Lab Sample ID:	PB163275BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 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
BM047479.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400	U	1400	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	1100	U	1100	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	730	U	730	2500	9900	ug/Kg
56-55-3	Benzo(a)anthracene	1300	U	1300	1300	5000	ug/Kg
218-01-9	Chrysene	1400	U	1400	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500	U	1500	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	1100	U	1100	2500	9900	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300	U	1300	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600	U	1600	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	1500	U	1500	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200	U	1200	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	U	1300	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200	U	1200	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.931		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	26.101		20-120		65	SPK: -40
4165-62-2	Phenol-d5	24.789		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.688		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.091		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	25.008		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	27.698		10-135		69	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.359		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.695		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.732		1-145		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.819		10-145		70	SPK: -40
93951-97-4	Acenaphthylene-d8	26.817		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.733		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	27.81		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	SBLK275	SDG No.:	BM091124
Lab Sample ID:	PB163275BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 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
BM047479.D	1	9/10/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.044		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	29.153		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	31.69		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.778		10-140		72	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	390851	7.869				
1146-65-2	Naphthalene-d8	1754988	10.669				
15067-26-2	Acenaphthene-d10	1105344	14.498				
1517-22-2	Phenanthrene-d10	2191210	17.233				
1719-03-5	Chrysene-d12	1827370	21.462				
1520-96-3	Perylene-d12	1779587	24.509				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1400	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	SBLK243	SDG No.:	BM091124
Lab Sample ID:	PB163243BL	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
BM047481.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

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:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	SBLK243	SDG No.:	BM091124
Lab Sample ID:	PB163243BL	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
BM047481.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

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:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	SBLK243	SDG No.:	BM091124
Lab Sample ID:	PB163243BL	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
BM047481.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

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	5.288		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	23.62		20-120		59	SPK: -40
4165-62-2	Phenol-d5	21.999		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.895		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.152		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	22.285		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	24.621		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.137		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.929		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.24		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.825		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	24.095		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.201		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	24.824		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	SBLK243	SDG No.:	BM091124
Lab Sample ID:	PB163243BL	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
BM047481.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.32		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	25.56		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	27.672		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.158		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	426409	7.869				
1146-65-2	Naphthalene-d8	1897140	10.669				
15067-26-2	Acenaphthene-d10	1205044	14.498				
1517-22-2	Phenanthrene-d10	2441078	17.233				
1719-03-5	Chrysene-d12	2055339	21.456				
1520-96-3	Perylene-d12	2008642	24.509				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC47	SDG No.:	BM091124
Lab Sample ID:	P3878-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047482.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.2	83	ug/Kg
100-52-7	Benzaldehyde	94	U	94	100	410	ug/Kg
110-86-1	Pyridine	54	U	54	210	410	ug/Kg
108-95-2	Phenol	44	U	44	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.1	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	410	ug/Kg
98-86-2	Acetophenone	47	U	47	100	410	ug/Kg
106-44-5	4-Methylphenol	40	U	40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	53.1	210	ug/Kg
67-72-1	Hexachloroethane	29	U	29	53.1	210	ug/Kg
98-95-3	Nitrobenzene	45	U	45	53.1	210	ug/Kg
78-59-1	Isophorone	42	U	42	53.1	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	53.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	53.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	53.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	53.1	210	ug/Kg
91-20-3	Naphthalene	1700		42	53.1	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	53.1	410	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	53.1	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	53.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	5300	E	51	53.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	8200	E	46	53.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99	U	99	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	230		54	53.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	260		52	53.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC47	SDG No.:	BM091124
Lab Sample ID:	P3878-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BM047482.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	400		60	53.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	53.1	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	53.1	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	53.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	53.1	210	ug/Kg
208-96-8	Acenaphthylene	54	U	54	53.1	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	400		51	53.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	100	410	ug/Kg
132-64-9	Dibenzofuran	57	U	57	53.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	53.1	210	ug/Kg
84-66-2	Diethylphthalate	75	U	75	53.1	210	ug/Kg
86-73-7	Fluorene	500		56	53.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	53.1	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	53.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	53.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	53.1	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	53.1	210	ug/Kg
1912-24-9	Atrazine	49	U	49	100	410	ug/Kg
87-86-5	Pentachlorophenol	130000	E	110	100	410	ug/Kg
85-01-8	Phenanthrene	1900		55	53.1	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	53.1	210	ug/Kg
120-12-7	Anthracene	54	U	54	53.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	53.1	210	ug/Kg
86-74-8	Carbazole	56	U	56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	53.1	210	ug/Kg
206-44-0	Fluoranthene	89	J	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC47	SDG No.:	BM091124
Lab Sample ID:	P3878-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BM047482.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	53.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	53.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	53.1	210	ug/Kg
218-01-9	Chrysene	56	U	56	53.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	90	J	55	53.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	53.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	53.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	53.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	53.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	53.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	53.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	29000	E	46	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.845		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	14.264		20-120		36	SPK: -40
4165-62-2	Phenol-d5	18.554		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.534		10-150		99	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.914		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	43.547		10-140		109	SPK: -40
4165-60-0	Nitrobenzene-d5	35.001		10-135		88	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.711		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.347		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.794		1-145		82	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.58		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	16.395		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.747		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	15.848		20-140		40	SPK: -40

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC47	SDG No.:	BM091124
Lab Sample ID:	P3878-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047482.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	57.207	*	10-130		143	SPK: -40
1719-06-8	Anthracene-d10	18.052		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	20.768		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.319		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	641714	7.893				
1146-65-2	Naphthalene-d8	2054739	10.686				
15067-26-2	Acenaphthene-d10	1605696	14.516				
1517-22-2	Phenanthrene-d10	2281207	17.292				
1719-03-5	Chrysene-d12	1712983	21.468				
1520-96-3	Perylene-d12	1943526	24.515				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.916	1300	J			5.916	
	unknown-01	480	J			6.169	
	(DEL) Alkane: Straight-Chain6.293	350	J			6.293	
000098-82-8	Benzene, (1-methylethyl)-	490	J			6.381	
	(DEL) Alkane: Straight-Chain6.463	620	J			6.463	
	(DEL) Alkane: Cyclic6.534	560	J			6.534	
	(DEL) Alkane: Straight-Chain6.798	370	J			6.798	
000103-65-1	Benzene, propyl-	830	J			6.875	
000620-14-4	Benzene, 1-ethyl-3-methyl-	1700	J			6.981	
000611-14-3	Benzene, 1-ethyl-2-methyl-	860	J			7.293	
019549-80-5	2-Heptanone, 4,6-dimethyl-	830	J			7.346	
000108-67-8	Mesitylene	690	J			7.54	
	(DEL) Alkane: Straight-Chain7.745	580	J			7.745	
000104-76-7	1-Hexanol, 2-ethyl-	1100	J			7.993	
	(DEL) Alkane: Straight-Chain8.110	600	J			8.11	
	(DEL) Alkane: Cyclic8.210	920	J			8.21	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	1000	J			8.351	

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC47	SDG No.:	BM091124
Lab Sample ID:	P3878-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047482.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000135-01-3	Benzene, 1,2-diethyl-	510	J			8.393	
001074-43-7	Benzene, 1-methyl-3-propyl-	1100	J			8.463	
	(DEL) Alkane: Straight-Chain8.522	690	J			8.522	
	(DEL) Alkane: Straight-Chain8.704	1100	J			8.704	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	630	J			8.869	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	960	J			8.922	
1000382-54-5	Carbonic acid, tetradecyl vinyl es	1200	J			9.157	
	unknown-02	1100	J			9.275	
	(DEL) Alkane: Straight-Chain9.998	430	J			9.998	
	(DEL) Alkane: Straight-Chain10.063	350	J			10.063	
	(DEL) Alkane: Straight-Chain10.245	360	J			10.245	
	(DEL) Alkane: Straight-Chain10.880	210	J			10.881	
	(DEL) Alkane: Cyclic10.986	260	J			10.986	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	760	J			11.098	
	(DEL) Alkane: Straight-Chain11.222	740	J			11.222	
	(DEL) Alkane: Straight-Chain11.545	180	J			11.545	
000590-67-0	Cyclohexanol, 1-methyl-	590	J			11.739	
	(DEL) Alkane: Straight-Chain12.139	710	J			12.139	
	unknown-03	1300	J			12.786	
002639-63-6	Butanoic acid, hexyl ester	460	J			13.292	
000141-86-6	2,6-Pyridinediamine	860	J			13.586	
000575-43-9	Naphthalene, 1,6-dimethyl-	1600	J			13.716	
000077-68-9	Propanoic acid, 2-methyl-, 3-hydro	590	J			13.804	
000571-58-4	Naphthalene, 1,4-dimethyl-	1300	J			13.863	
	(DEL) Alkane: Straight-Chain14.027	660	J			14.027	
000582-16-1	Naphthalene, 2,7-dimethyl-	590	J			14.08	
	(DEL) Alkane: Straight-Chain14.445	830	J			14.445	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	620	J			14.998	
	(DEL) Alkane: Straight-Chain15.057	600	J			15.057	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	680	J			15.316	

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC47	SDG No.:	BM091124
Lab Sample ID:	P3878-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
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
BM047482.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000112-39-0	(DEL) Alkane: Straight-Chain15.392	820	J			15.392	
	unknown-04	750	J			15.792	
	(DEL) Alkane: Straight-Chain16.245	1200	J			16.245	
	(DEL) Alkane: Straight-Chain17.098	830	J			17.098	
	(DEL) Alkane: Straight-Chain17.774	990	J			17.774	
	Hexadecanoic acid, methyl ester	1400	J			17.945	
	(DEL) Alkane: Straight-Chain18.462	880	J			18.462	
	(DEL) Alkane: Straight-Chain19.098	1600	J			19.098	
000112-61-8	Methyl stearate	900	J			19.233	
	(DEL) Alkane: Straight-Chain20.186	480	J			20.186	
	(DEL) Alkane: Straight-Chain20.680	430	J			20.68	
	(DEL) Alkane: Straight-Chain21.168	830	J			21.168	
1000309-12-4	Sulfurous acid, 2-propyl tridecyl	800	J			22.28	
E966796	Total Alkanes	20000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDCJ0	SDG No.:	BM091124
Lab Sample ID:	P3878-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047483.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.2	83	ug/Kg
100-52-7	Benzaldehyde	94	U	94	100	410	ug/Kg
110-86-1	Pyridine	54	U	54	210	410	ug/Kg
108-95-2	Phenol	44	U	44	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	410	ug/Kg
98-86-2	Acetophenone	47	U	47	100	410	ug/Kg
106-44-5	4-Methylphenol	40	U	40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	53	210	ug/Kg
67-72-1	Hexachloroethane	29	U	29	53	210	ug/Kg
98-95-3	Nitrobenzene	45	U	45	53	210	ug/Kg
78-59-1	Isophorone	42	U	42	53	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	53	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	53	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	53	210	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	53	210	ug/Kg
91-20-3	Naphthalene	2300		42	53	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	53	410	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	53	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	53	210	ug/Kg
90-12-0	1-Methylnaphthalene	2400		51	53	210	ug/Kg
91-57-6	2-Methylnaphthalene	4000	E	46	53	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99	U	99	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	160	J	54	53	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	89	J	52	53	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDCJ0	SDG No.:	BM091124
Lab Sample ID:	P3878-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047483.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	320		60	53	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	53	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	53	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	53	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	53	210	ug/Kg
208-96-8	Acenaphthylene	54	U	54	53	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	83	J	51	53	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	100	410	ug/Kg
132-64-9	Dibenzofuran	57	U	57	53	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	53	210	ug/Kg
84-66-2	Diethylphthalate	75	U	75	53	210	ug/Kg
86-73-7	Fluorene	170	J	56	53	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	53	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	53	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	53	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	53	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	53	210	ug/Kg
1912-24-9	Atrazine	49	U	49	100	410	ug/Kg
87-86-5	Pentachlorophenol	89000	E	110	100	410	ug/Kg
85-01-8	Phenanthrene	450		55	53	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	53	210	ug/Kg
120-12-7	Anthracene	54	U	54	53	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	53	210	ug/Kg
86-74-8	Carbazole	56	U	56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	53	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDCJ0	SDG No.:	BM091124
Lab Sample ID:	P3878-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047483.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	53	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	53	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	53	210	ug/Kg
218-01-9	Chrysene	56	U	56	53	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	92	J	55	53	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	53	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	53	210	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	53	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	53	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	53	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	53	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	15000	E	46	53	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.439		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	11.3		20-120		28	SPK: -40
4165-62-2	Phenol-d5	18.534		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.195		10-150		85	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.997		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	32.294		10-140		81	SPK: -40
4165-60-0	Nitrobenzene-d5	29.184		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.179		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.997		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.4		1-145		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.889		10-145		47	SPK: -40
93951-97-4	Acenaphthylene-d8	18.968		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	54.253		10-150		136	SPK: -40
81103-79-9	Fluorene-d10	19.208		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDCJ0	SDG No.:	BM091124
Lab Sample ID:	P3878-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047483.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.104		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	20.704		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	24.041		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.265		10-140		51	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	573902	7.881				
1146-65-2	Naphthalene-d8	2052489	10.675				
15067-26-2	Acenaphthene-d10	1504292	14.51				
1517-22-2	Phenanthrene-d10	2548459	17.263				
1719-03-5	Chrysene-d12	1716343	21.462				
1520-96-3	Perylene-d12	1789250	24.509				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.469	310	J			5.469	
	(DEL) Alkane: Straight-Chain5.916	1500	J			5.916	
	(DEL) Alkane: Cyclic6.169	570	J			6.169	
	(DEL) Alkane: Straight-Chain6.287	310	J			6.287	
1000309-24-4	Oxalic acid, allyl hexadecyl ester	440	J			6.381	
	(DEL) Alkane: Straight-Chain6.457	570	J			6.457	
	(DEL) Alkane: Cyclic6.528	680	J			6.528	
	(DEL) Alkane: Straight-Chain6.563	310	J			6.563	
	(DEL) Alkane: Straight-Chain6.793	400	J			6.793	
000103-65-1	Benzene, propyl-	500	J			6.863	
	(DEL) Alkane: Straight-Chain6.899	590	J			6.899	
	(DEL) Alkane: Straight-Chain6.957	850	J			6.957	
000620-14-4	Benzene, 1-ethyl-3-methyl-	550	J			6.981	
000108-67-8	Mesitylene	560	J			7.116	
000622-96-8	Benzene, 1-ethyl-4-methyl-	620	J			7.281	
019549-80-5	2-Heptanone, 4,6-dimethyl-	350	J			7.316	
	(DEL) Alkane: Straight-Chain7.546	2100	J			7.546	

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDCJ0	SDG No.:	BM091124
Lab Sample ID:	P3878-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047483.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000104-76-7	1-Hexanol, 2-ethyl-	1400	J			7.969	
000526-73-8	Benzene, 1,2,3-trimethyl-	490	J			8.01	
	(DEL) Alkane: Straight-Chain8.093	340	J			8.093	
	(DEL) Alkane: Cyclic8.193	420	J			8.193	
001074-43-7	Benzene, 1-methyl-3-propyl-	800	J			8.44	
	(DEL) Alkane: Straight-Chain8.498	390	J			8.498	
	(DEL) Alkane: Straight-Chain8.675	820	J			8.675	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	330	J			8.846	
000527-84-4	o-Cymene	500	J			8.898	
	(DEL) Alkane: Straight-Chain9.157	2200	J			9.157	
	unknown-01	890	J			9.257	
	(DEL) Alkane: Cyclic9.834	310	J			9.834	
	(DEL) Alkane: Straight-Chain9.981	290	J			9.981	
	(DEL) Alkane: Straight-Chain10.128	110	J			10.128	
	(DEL) Alkane: Straight-Chain10.869	150	J			10.869	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	620	J			11.081	
1000365-51-8	4-Methyl-3-heptanol, trifluoroacet	220	J			11.198	
	(DEL) Alkane: Straight-Chain11.616	270	J			11.616	
	(DEL) Alkane: Straight-Chain11.728	340	J			11.728	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	560	J			11.792	
	unknown-02	400	J			11.957	
	(DEL) Alkane: Straight-Chain12.134	620	J			12.134	
000334-68-9	Dodecane, 1-fluoro-	1000	J			12.757	
	(DEL) Alkane: Straight-Chain13.075	1300	J			13.075	
000582-16-1	Naphthalene, 2,7-dimethyl-	1000	J			13.675	
074367-31-0	Propanoic acid, 2-methyl-, 2-ethyl	950	J			13.786	
000575-37-1	Naphthalene, 1,7-dimethyl-	1200	J			13.833	
	(DEL) Alkane: Straight-Chain14.016	2000	J			14.016	
000575-43-9	Naphthalene, 1,6-dimethyl-	810	J			14.063	
1000357-85-7	Carbonic acid, neopentyl 2-ethylhe	4200	J			14.445	

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDCJ0	SDG No.:	BM091124
Lab Sample ID:	P3878-07	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047483.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002245-38-7	Naphthalene, 1,6,7-trimethyl-	1300	J			14.733	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	950	J			14.986	
	(DEL) Alkane: Straight-Chain15.051	1300	J			15.051	
1000080-19-3	4b,5,6,7,8,8a,9,10-Octahydro-1-met	1100	J			15.086	
004948-51-0	9-Methyl-S-octahydroanthracene	960	J			15.21	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	4000	J			15.286	
	(DEL) Alkane: Straight-Chain15.380	3200	J			15.38	
	(DEL) Alkane: Straight-Chain15.786	1600	J			15.786	
	(DEL) Alkane: Straight-Chain15.874	940	J			15.874	
	unknown-03	1800	J			16.145	
	(DEL) Alkane: Straight-Chain16.239	2500	J			16.239	
	(DEL) Alkane: Straight-Chain16.269	1000	J			16.269	
	unknown-04	1100	J			16.445	
	(DEL) Alkane: Straight-Chain17.033	2000	J			17.033	
	(DEL) Alkane: Straight-Chain17.086	1800	J			17.086	
004713-41-1	p-Menth-1-en-3-one, semicarbazone	1300	J			17.551	
	(DEL) Alkane: Straight-Chain17.763	1800	J			17.763	
	(DEL) Alkane: Straight-Chain18.451	1300	J			18.451	
	(DEL) Alkane: Straight-Chain19.086	1700	J			19.086	
	(DEL) Alkane: Straight-Chain20.186	740	J			20.186	
	(DEL) Alkane: Straight-Chain21.168	830	J			21.168	
	(DEL) Alkane: Straight-Chain22.274	590	J			22.274	
E966796	Total Alkanes	39000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC46	SDG No.:	BM091124
Lab Sample ID:	P3878-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047484.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.4	84	ug/Kg
100-52-7	Benzaldehyde	95	U	95	100	420	ug/Kg
110-86-1	Pyridine	54	U	54	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	35	U	35	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	35	U	35	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	840		43	53.9	220	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	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	35	U	35	53.9	220	ug/Kg
90-12-0	1-Methylnaphthalene	1400		52	53.9	220	ug/Kg
91-57-6	2-Methylnaphthalene	2500		47	53.9	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	66	J	54	53.9	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	120	J	53	53.9	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC46	SDG No.:	BM091124
Lab Sample ID:	P3878-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047484.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	130	J	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	54	U	54	53.9	220	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	420	ug/Kg
83-32-9	Acenaphthene	100	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	58	U	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	150	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	70000	E	110	100	420	ug/Kg
85-01-8	Phenanthrene	550		56	53.9	220	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.9	220	ug/Kg
120-12-7	Anthracene	54	U	54	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	57	U	57	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	53	53.9	220	ug/Kg
206-44-0	Fluoranthene	56	U	56	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC46	SDG No.:	BM091124
Lab Sample ID:	P3878-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047484.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	53.9	220	ug/Kg
85-68-7	Butylbenzylphthalate	41	U	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	49	U	49	53.9	220	ug/Kg
218-01-9	Chrysene	57	U	57	53.9	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	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	53	U	53	53.9	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	57	U	57	53.9	220	ug/Kg
50-32-8	Benzo(a)pyrene	53	U	53	53.9	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	53.9	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	47	U	47	53.9	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	53.9	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	15000	E	47	53.9	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.411		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	16.637		20-120		42	SPK: -40
4165-62-2	Phenol-d5	20.992		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.568		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.462		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	29.951		10-140		75	SPK: -40
4165-60-0	Nitrobenzene-d5	29.102		10-135		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.761		10-120		72	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.474		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.027		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.487		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	23.358		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.424		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	23.583		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC46	SDG No.:	BM091124
Lab Sample ID:	P3878-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047484.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.176		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	24.899		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	29.756		10-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.815		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	754133	7.875				
1146-65-2	Naphthalene-d8	2769935	10.675				
15067-26-2	Acenaphthene-d10	1889813	14.504				
1517-22-2	Phenanthrene-d10	3329014	17.262				
1719-03-5	Chrysene-d12	2330236	21.462				
1520-96-3	Perylene-d12	2322189	24.509				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.904	890	J			5.904	
	(DEL) Alkane: Straight-Chain6.451	350	J			6.451	
	(DEL) Alkane: Cyclic6.528	410	J			6.528	
	(DEL) Alkane: Straight-Chain6.793	250	J			6.793	
	(DEL) Alkane: Straight-Chain6.887	500	J			6.887	
000112-04-9	Silane, trichlorooctadecyl-	680	J			6.945	
000611-14-3	Benzene, 1-ethyl-2-methyl-	800	J			6.975	
000108-67-8	Mesitylene	460	J			7.11	
000622-96-8	Benzene, 1-ethyl-4-methyl-	550	J			7.275	
019549-80-5	2-Heptanone, 4,6-dimethyl-	780	J			7.316	
	(DEL) Alkane: Straight-Chain7.540	2500	J			7.54	
000104-76-7	1-Hexanol, 2-ethyl-	730	J			7.951	
000526-73-8	Benzene, 1,2,3-trimethyl-	590	J			8.004	
	(DEL) Alkane: Straight-Chain8.087	300	J			8.087	
	(DEL) Alkane: Cyclic8.187	370	J			8.187	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	850	J			8.316	
	unknown-01	420	J			8.363	

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC46	SDG No.:	BM091124
Lab Sample ID:	P3878-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047484.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-02	910	J			8.434	
1000365-51-7	4-Methyl-3-heptanol, pentafluoropr	470	J			8.492	
	(DEL) Alkane: Straight-Chain8.669	920	J			8.669	
000527-84-4	o-Cymene	640	J			8.892	
	(DEL) Alkane: Straight-Chain9.145	2400	J			9.145	
002050-24-0	Benzene, 1,3-diethyl-5-methyl-	970	J			9.251	
	(DEL) Alkane: Cyclic9.686	88	J			9.686	
	(DEL) Alkane: Straight-Chain9.975	160	J			9.975	
	(DEL) Alkane: Straight-Chain10.039	88	J			10.039	
	(DEL) Alkane: Straight-Chain11.192	230	J			11.192	
	(DEL) Alkane: Straight-Chain12.116	260	J			12.116	
033955-17-8	2-Thenoylglycine	1200	J			12.763	
	(DEL) Alkane: Straight-Chain12.857	710	J			12.857	
	(DEL) Alkane: Straight-Chain13.075	1200	J			13.075	
	unknown-03	2100	J			13.569	
000575-41-7	Naphthalene, 1,3-dimethyl-	1800	J			13.675	
000109-21-7	Butanoic acid, butyl ester	760	J			13.78	
000575-43-9	Naphthalene, 1,6-dimethyl-	2000	J			13.833	
1000432-47-1	3-Isopropyl-6,10-dimethylundecane-	1400	J			14.01	
000582-16-1	Naphthalene, 2,7-dimethyl-	1200	J			14.063	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	2400	J			14.427	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	940	J			14.91	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	1000	J			14.98	
	(DEL) Alkane: Straight-Chain15.045	1100	J			15.045	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	1000	J			15.298	
	(DEL) Alkane: Straight-Chain15.374	2300	J			15.374	
	unknown-04	1500	J			15.78	
	(DEL) Alkane: Straight-Chain16.233	2300	J			16.233	
	(DEL) Alkane: Straight-Chain17.027	2000	J			17.027	
000132-65-0	Dibenzothiophene	1300	J			17.08	

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC46	SDG No.:	BM091124
Lab Sample ID:	P3878-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.1
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047484.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain17.762	1700	J			17.762	
000112-39-0	Hexadecanoic acid, methyl ester	2500	J			17.927	
000057-10-3	n-Hexadecanoic acid	890	J			18.151	
	(DEL) Alkane: Straight-Chain18.451	1500	J			18.451	
052380-33-3	11-Octadecenoic acid, methyl ester	3100	J			19.092	
000112-61-8	Methyl stearate	1200	J			19.227	
	(DEL) Alkane: Straight-Chain20.180	430	J			20.18	
	(DEL) Alkane: Straight-Chain20.674	360	J			20.674	
	(DEL) Alkane: Straight-Chain21.162	840	J			21.162	
	(DEL) Alkane: Straight-Chain22.274	570	J			22.274	
E966796	Total Alkanes	25000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ0	SDG No.:	BM091124
Lab Sample ID:	P3878-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047485.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.2	83	ug/Kg
100-52-7	Benzaldehyde	93	U	93	100	410	ug/Kg
110-86-1	Pyridine	54	U	54	210	410	ug/Kg
108-95-2	Phenol	44	U	44	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	52.9	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	410	ug/Kg
98-86-2	Acetophenone	47	U	47	100	410	ug/Kg
106-44-5	4-Methylphenol	40	U	40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	52.9	210	ug/Kg
67-72-1	Hexachloroethane	29	U	29	52.9	210	ug/Kg
98-95-3	Nitrobenzene	45	U	45	52.9	210	ug/Kg
78-59-1	Isophorone	42	U	42	52.9	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	52.9	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	52.9	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	52.9	210	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	52.9	210	ug/Kg
91-20-3	Naphthalene	830		42	52.9	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	52.9	410	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	52.9	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	52.9	210	ug/Kg
90-12-0	1-Methylnaphthalene	1100		51	52.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	2000		46	52.9	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	98	U	98	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	73	J	54	52.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	77	J	52	52.9	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ0	SDG No.:	BM091124
Lab Sample ID:	P3878-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BM047485.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	160	J	60	52.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	52.9	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.9	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	52.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52.9	210	ug/Kg
208-96-8	Acenaphthylene	54	U	54	52.9	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	52	J	51	52.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	100	410	ug/Kg
132-64-9	Dibenzofuran	57	U	57	52.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	52.9	210	ug/Kg
84-66-2	Diethylphthalate	75	U	75	52.9	210	ug/Kg
86-73-7	Fluorene	110	J	56	52.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	52.9	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	52.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	52.9	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	52.9	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.9	210	ug/Kg
1912-24-9	Atrazine	49	U	49	100	410	ug/Kg
87-86-5	Pentachlorophenol	69000	E	110	100	410	ug/Kg
85-01-8	Phenanthrene	340		55	52.9	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	52.9	210	ug/Kg
120-12-7	Anthracene	54	U	54	52.9	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	52.9	210	ug/Kg
86-74-8	Carbazole	56	U	56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	52.9	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ0	SDG No.:	BM091124
Lab Sample ID:	P3878-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047485.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	52.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	52.9	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	52.9	210	ug/Kg
218-01-9	Chrysene	56	U	56	52.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	55	U	55	52.9	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	52.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	52.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	52.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	52.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	52.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	52.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	13000	E	46	52.9	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.344		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	12.366		20-120		31	SPK: -40
4165-62-2	Phenol-d5	20.179		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.079		10-150		53	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.802		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	26.363		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	25.792		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.272		10-120		66	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.678		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.927		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.912		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	21.752		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.718		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	21.954		20-140		55	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ0	SDG No.:	BM091124
Lab Sample ID:	P3878-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047485.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.509		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	23.216		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	27.667		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.445		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	734515	7.875				
1146-65-2	Naphthalene-d8	2874660	10.674				
15067-26-2	Acenaphthene-d10	1879158	14.504				
1517-22-2	Phenanthrene-d10	3307375	17.262				
1719-03-5	Chrysene-d12	2335453	21.462				
1520-96-3	Perylene-d12	2270829	24.509				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	370	A			4.987	
	(DEL) Alkane: Straight-Chain5.904	1100	J			5.904	
000107-41-5	Hexylene glycol	1000	J			6.245	
	unknown-01	510	J			6.381	
	(DEL) Alkane: Straight-Chain6.451	360	J			6.451	
	(DEL) Alkane: Cyclic6.528	420	J			6.528	
	(DEL) Alkane: Straight-Chain6.787	280	J			6.787	
000103-65-1	Benzene, propyl-	380	J			6.857	
	(DEL) Alkane: Straight-Chain6.886	450	J			6.886	
	(DEL) Alkane: Straight-Chain6.945	660	J			6.945	
000620-14-4	Benzene, 1-ethyl-3-methyl-	550	J			6.975	
000108-67-8	Mesitylene	400	J			7.11	
000611-14-3	Benzene, 1-ethyl-2-methyl-	510	J			7.269	
019549-80-5	2-Heptanone, 4,6-dimethyl-	400	J			7.316	
	(DEL) Alkane: Straight-Chain7.534	2800	J			7.534	
000104-76-7	1-Hexanol, 2-ethyl-	2000	J			7.969	
000526-73-8	Benzene, 1,2,3-trimethyl-	380	J			7.998	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ0	SDG No.:	BM091124
Lab Sample ID:	P3878-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047485.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000873-94-9	(DEL) Alkane: Cyclic8.181	380	J			8.181	
	Cyclohexanone, 3,3,5-trimethyl-	630	J			8.316	
	unknown-02	830	J			8.428	
001758-88-9	(DEL) Alkane: Straight-Chain8.486	380	J			8.486	
	Benzene, 2-ethyl-1,4-dimethyl-	560	J			8.528	
	(DEL) Alkane: Straight-Chain8.663	780	J			8.663	
000527-84-4	o-Cymene	450	J			8.892	
	(DEL) Alkane: Straight-Chain9.139	2600	J			9.139	
	unknown-03	1100	J			9.245	
	(DEL) Alkane: Cyclic9.686	140	J			9.686	
	(DEL) Alkane: Straight-Chain9.975	260	J			9.975	
	(DEL) Alkane: Straight-Chain10.039	130	J			10.039	
	(DEL) Alkane: Straight-Chain11.192	260	J			11.192	
	(DEL) Alkane: Straight-Chain12.121	520	J			12.121	
	(DEL) Alkane: Cyclic12.151	220	J			12.151	
000575-41-7	(DEL) Alkane: Straight-Chain13.068	750	J			13.068	
	Naphthalene, 1,3-dimethyl-	760	J			13.674	
	Naphthalene, 1,7-dimethyl-	950	J			13.833	
1000329-86-4	Succinic acid, isohexyl tetrahydro	1200	J			14.01	
000581-40-8	Naphthalene, 2,3-dimethyl-	640	J			14.063	
1010309-19-2	Sulfurous acid, 2-ethylhexyl nonyl	2400	J			14.433	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	590	J			14.98	
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	710	J			15.045	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	810	J			15.274	
	(DEL) Alkane: Straight-Chain15.374	2100	J			15.374	
	(DEL) Alkane: Straight-Chain15.780	1100	J			15.78	
004292-19-7	Dodecane, 1-iodo-	3200	J			16.233	
	(DEL) Alkane: Straight-Chain16.262	1300	J			16.262	
	unknown-04	840	J			16.598	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	2800	J			17.027	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ0	SDG No.:	BM091124
Lab Sample ID:	P3878-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BM047485.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain17.080	2000	J			17.08	
187328-55-8	9,9-Dimethyl-9-sila-9,10-dihydroph	880	J			17.545	
	(DEL) Alkane: Straight-Chain17.762	2300	J			17.762	
000112-39-0	Hexadecanoic acid, methyl ester	1100	J			17.927	
000057-10-3	n-Hexadecanoic acid	1200	J			18.156	
	(DEL) Alkane: Straight-Chain18.450	1800	J			18.45	
	(DEL) Alkane: Straight-Chain19.080	2500	J			19.08	
	(DEL) Alkane: Straight-Chain20.180	290	J			20.18	
1000383-13-5	Carbonic acid, 2-ethylhexyl octyl	830	J			21.168	
E966796	Total Alkanes	26000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY6	SDG No.:	BM091124
Lab Sample ID:	P3878-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047486.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.2	83	ug/Kg
110-86-1	Pyridine	53	U	53	210	410	ug/Kg
100-52-7	Benzaldehyde	93	U	93	100	410	ug/Kg
108-95-2	Phenol	44	U	44	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	52.9	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	410	ug/Kg
98-86-2	Acetophenone	47	U	47	100	410	ug/Kg
106-44-5	4-Methylphenol	40	U	40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	52.9	210	ug/Kg
67-72-1	Hexachloroethane	29	U	29	52.9	210	ug/Kg
98-95-3	Nitrobenzene	45	U	45	52.9	210	ug/Kg
78-59-1	Isophorone	42	U	42	52.9	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	52.9	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	52.9	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	52.9	210	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	52.9	210	ug/Kg
91-20-3	Naphthalene	2100		42	52.9	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	52.9	410	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	52.9	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	52.9	210	ug/Kg
90-12-0	1-Methylnaphthalene	2600		51	52.9	210	ug/Kg
91-57-6	2-Methylnaphthalene	4100	E	46	52.9	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	98	U	98	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	J	53	52.9	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	J	52	52.9	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY6	SDG No.:	BM091124
Lab Sample ID:	P3878-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047486.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	300		60	52.9	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	52.9	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.9	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	52.9	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52.9	210	ug/Kg
208-96-8	Acenaphthylene	53	U	53	52.9	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	110	J	51	52.9	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	100	410	ug/Kg
132-64-9	Dibenzofuran	57	U	57	52.9	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	52.9	210	ug/Kg
84-66-2	Diethylphthalate	75	U	75	52.9	210	ug/Kg
86-73-7	Fluorene	220		56	52.9	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	52.9	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	52.9	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	52.9	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	52.9	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.9	210	ug/Kg
1912-24-9	Atrazine	49	U	49	100	410	ug/Kg
87-86-5	Pentachlorophenol	93000	E	110	100	410	ug/Kg
85-01-8	Phenanthrene	650		55	52.9	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	52.9	210	ug/Kg
120-12-7	Anthracene	53	U	53	52.9	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	52.9	210	ug/Kg
86-74-8	Carbazole	56	U	56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	52.9	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY6	SDG No.:	BM091124
Lab Sample ID:	P3878-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047486.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	52.9	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	52.9	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	52.9	210	ug/Kg
218-01-9	Chrysene	56	U	56	52.9	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	72	J	55	52.9	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	52.9	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	52.9	210	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	52.9	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	52.9	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	52.9	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	52.9	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	21000	E	46	52.9	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.503		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	10.94		20-120		27	SPK: -40
4165-62-2	Phenol-d5	13.495		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.756		10-150		69	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.138		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	29.045		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	24.622		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.081		10-120		50	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.481		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.801		1-145		60	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.188		10-145		33	SPK: -40
93951-97-4	Acenaphthylene-d8	13.321		15-120		33	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.613		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	13.597		20-140		34	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY6	SDG No.:	BM091124
Lab Sample ID:	P3878-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047486.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.209		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	14.016		10-150		35	SPK: -40
1718-52-1	Pyrene-d10	16.838		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.074		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	719344	7.881				
1146-65-2	Naphthalene-d8	2415281	10.681				
15067-26-2	Acenaphthene-d10	1907041	14.51				
1517-22-2	Phenanthrene-d10	3105510	17.28				
1719-03-5	Chrysene-d12	2096981	21.462				
1520-96-3	Perylene-d12	2212757	24.509				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.910	1200	J			5.91	
	(DEL) Alkane: Cyclic6.163	340	J			6.163	
000107-41-5	Hexylene glycol	1000	J			6.275	
	unknown-01	610	J			6.387	
	(DEL) Alkane: Straight-Chain6.457	460	J			6.457	
	(DEL) Alkane: Cyclic6.528	560	J			6.528	
	(DEL) Alkane: Straight-Chain6.563	300	J			6.563	
000097-87-0	Propanoic acid, 2-methyl-, butyl e	270	J			6.71	
	(DEL) Alkane: Straight-Chain6.793	390	J			6.793	
000103-65-1	Benzene, propyl-	480	J			6.863	
	(DEL) Alkane: Straight-Chain6.899	570	J			6.899	
	(DEL) Alkane: Straight-Chain6.957	810	J			6.957	
000611-14-3	Benzene, 1-ethyl-2-methyl-	620	J			7.281	
019549-80-5	2-Heptanone, 4,6-dimethyl-	670	J			7.328	
	(DEL) Alkane: Straight-Chain7.546	2100	J			7.546	
	(DEL) Alkane: Straight-Chain7.734	300	J			7.734	
000104-76-7	1-Hexanol, 2-ethyl-	2300	J			7.993	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY6	SDG No.:	BM091124
Lab Sample ID:	P3878-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047486.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000431-42-9	Hexanal ethyl cis-3-hexenyl acetal	1100	J			8.128	
	(DEL) Alkane: Cyclic8.193	720	J			8.193	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	780	J			8.334	
001074-43-7	Benzene, 1-methyl-3-propyl-	900	J			8.445	
	(DEL) Alkane: Straight-Chain8.504	440	J			8.504	
	(DEL) Alkane: Straight-Chain8.681	800	J			8.681	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	420	J			8.851	
000527-84-4	o-Cymene	550	J			8.904	
	(DEL) Alkane: Straight-Chain9.163	2300	J			9.163	
	unknown-02	1100	J			9.257	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	270	J			9.34	
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	370	J			9.587	
	(DEL) Alkane: Cyclic9.698	300	J			9.698	
	(DEL) Alkane: Straight-Chain9.845	750	J			9.845	
	(DEL) Alkane: Straight-Chain9.987	420	J			9.987	
	(DEL) Alkane: Straight-Chain10.051	250	J			10.051	
	(DEL) Alkane: Straight-Chain10.134	130	J			10.134	
	(DEL) Alkane: Straight-Chain10.234	260	J			10.234	
	(DEL) Alkane: Straight-Chain10.869	150	J			10.869	
	unknown-03	810	J			11.086	
	(DEL) Alkane: Straight-Chain11.204	510	J			11.204	
	(DEL) Alkane: Straight-Chain11.616	370	J			11.616	
	(DEL) Alkane: Straight-Chain11.728	490	J			11.728	
	unknown-04	540	J			11.963	
1000342-70-4	1-Octadecanesulphonyl chloride	710	J			12.139	
000097-85-8	Propanoic acid, 2-methyl-, 2-methyl	570	J			13.492	
000582-16-1	Naphthalene, 2,7-dimethyl-	760	J			13.704	
074367-31-0	Propanoic acid, 2-methyl-, 2-ethyl	470	J			13.792	
000575-41-7	Naphthalene, 1,3-dimethyl-	610	J			13.845	
	(DEL) Alkane: Straight-Chain14.022	610	J			14.022	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY6	SDG No.:	BM091124
Lab Sample ID:	P3878-08	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047486.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000382-54-3	Carbonic acid, eicosyl vinyl ester	830	J			14.439	
	(DEL) Alkane: Straight-Chain14.863	290	J			14.863	
	unknown-05	360	J			15.051	
	(DEL) Alkane: Straight-Chain15.386	720	J			15.386	
	(DEL) Alkane: Straight-Chain15.786	500	J			15.786	
053398-83-7	Butanoic acid, 2-hexenyl ester, (E	320	J			16.133	
	(DEL) Alkane: Straight-Chain16.245	1200	J			16.245	
001730-37-6	9H-Fluorene, 1-methyl-	350	J			16.61	
	(DEL) Alkane: Straight-Chain17.086	830	J			17.086	
	(DEL) Alkane: Straight-Chain17.557	340	J			17.557	
	(DEL) Alkane: Straight-Chain17.768	790	J			17.768	
000112-39-0	Hexadecanoic acid, methyl ester	570	J			17.933	
	(DEL) Alkane: Straight-Chain18.457	660	J			18.457	
004292-19-7	Dodecane, 1-iodo-	900	J			19.086	
000112-61-8	Methyl stearate	320	J			19.227	
	(DEL) Alkane: Straight-Chain20.180	1000	J			20.18	
1000383-13-5	Carbonic acid, 2-ethylhexyl octyl	2500	J			21.168	
	(DEL) Alkane: Straight-Chain21.692	830	J			21.692	
	(DEL) Alkane: Straight-Chain22.151	1500	J			22.151	
	(DEL) Alkane: Straight-Chain22.280	1200	J			22.28	
E966796	Total Alkanes	25000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY9	SDG No.:	BM091124
Lab Sample ID:	P3878-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047487.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.2	83	ug/Kg
100-52-7	Benzaldehyde	94	U	94	100	410	ug/Kg
110-86-1	Pyridine	54	U	54	210	410	ug/Kg
108-95-2	Phenol	44	U	44	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.1	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	410	ug/Kg
98-86-2	Acetophenone	47	U	47	100	410	ug/Kg
106-44-5	4-Methylphenol	40	U	40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	53.1	210	ug/Kg
67-72-1	Hexachloroethane	29	U	29	53.1	210	ug/Kg
98-95-3	Nitrobenzene	45	U	45	53.1	210	ug/Kg
78-59-1	Isophorone	42	U	42	53.1	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	53.1	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	53.1	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	53.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	53.1	210	ug/Kg
91-20-3	Naphthalene	160	J	42	53.1	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	53.1	410	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	53.1	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	53.1	210	ug/Kg
90-12-0	1-Methylnaphthalene	490		51	53.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	780		46	53.1	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99	U	99	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	53.1	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	53.1	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY9	SDG No.:	BM091124
Lab Sample ID:	P3878-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047487.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	60	U	60	53.1	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	53.1	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	53.1	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	53.1	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	53.1	210	ug/Kg
208-96-8	Acenaphthylene	54	U	54	53.1	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	51	U	51	53.1	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	100	410	ug/Kg
132-64-9	Dibenzofuran	57	U	57	53.1	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	53.1	210	ug/Kg
84-66-2	Diethylphthalate	75	U	75	53.1	210	ug/Kg
86-73-7	Fluorene	100	J	56	53.1	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	53.1	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	53.1	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	53.1	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	53.1	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	53.1	210	ug/Kg
1912-24-9	Atrazine	49	U	49	100	410	ug/Kg
87-86-5	Pentachlorophenol	49000	E	110	100	410	ug/Kg
85-01-8	Phenanthrene	490		55	53.1	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	53.1	210	ug/Kg
120-12-7	Anthracene	54	U	54	53.1	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	53.1	210	ug/Kg
86-74-8	Carbazole	56	U	56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	53.1	210	ug/Kg
206-44-0	Fluoranthene	55	J	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY9	SDG No.:	BM091124
Lab Sample ID:	P3878-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047487.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	65	J	55	53.1	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	53.1	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	53.1	210	ug/Kg
218-01-9	Chrysene	56	U	56	53.1	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	70	J	55	53.1	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	53.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	53.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	53.1	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	53.1	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	53.1	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	53.1	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	6200	E	46	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.07		15-120		26	SPK: -8
7291-22-7	Pyridine-d5	9.164		20-120		23	SPK: -40
4165-62-2	Phenol-d5	12.997		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.941		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.415		15-120		34	SPK: -40
190780-66-6	4-Methylphenol-d8	15.633		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	13.765		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.372		10-120		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.342		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.697		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.114		10-145		38	SPK: -40
93951-97-4	Acenaphthylene-d8	14.952		15-120		37	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.232		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	15.139		20-140		38	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY9	SDG No.:	BM091124
Lab Sample ID:	P3878-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047487.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.892		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	16.219		10-150		41	SPK: -40
1718-52-1	Pyrene-d10	18.798		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.304		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	741255	7.869				
1146-65-2	Naphthalene-d8	3327962	10.669				
15067-26-2	Acenaphthene-d10	1971981	14.498				
1517-22-2	Phenanthrene-d10	3611472	17.251				
1719-03-5	Chrysene-d12	2781708	21.462				
1520-96-3	Perylene-d12	2602368	24.509				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.898	380	J			5.898	
	(DEL) Alkane: Straight-Chain6.881	290	J			6.881	
	(DEL) Alkane: Straight-Chain6.934	410	J			6.934	
	(DEL) Alkane: Straight-Chain7.516	2300	J			7.516	
000104-76-7	1-Hexanol, 2-ethyl-	650	J			7.94	
001074-43-7	Benzene, 1-methyl-3-propyl-	640	J			8.422	
	(DEL) Alkane: Straight-Chain8.481	330	J			8.481	
	(DEL) Alkane: Straight-Chain8.657	650	J			8.657	
000527-84-4	o-Cymene	330	J			8.887	
1000382-90-8	Carbonic acid, prop-1-en-2-yl trid	2600	J			9.122	
033223-84-6	2-Methylindan-2-ol	590	J			9.239	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	110	J			9.316	
004920-99-4	Benzene, 1-ethyl-3-(1-methylethyl)	120	J			9.375	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	120	J			9.563	
	(DEL) Alkane: Straight-Chain9.969	160	J			9.969	
	(DEL) Alkane: Straight-Chain10.034	120	J			10.034	
	unknown-01	210	J			11.057	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY9	SDG No.:	BM091124
Lab Sample ID:	P3878-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047487.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain11.181	120	J			11.181	
	(DEL) Alkane: Straight-Chain11.604	150	J			11.604	
	(DEL) Alkane: Straight-Chain11.710	190	J			11.71	
	unknown-02	110	J			11.939	
	(DEL) Alkane: Straight-Chain12.110	370	J			12.11	
	(DEL) Alkane: Straight-Chain13.063	350	J			13.063	
000575-41-7	Naphthalene, 1,3-dimethyl-	600	J			13.669	
000581-40-8	Naphthalene, 2,3-dimethyl-	900	J			13.827	
	(DEL) Alkane: Straight-Chain14.004	350	J			14.004	
000575-37-1	Naphthalene, 1,7-dimethyl-	480	J			14.057	
	(DEL) Alkane: Straight-Chain14.422	1400	J			14.422	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	990	J			14.904	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	570	J			14.98	
	(DEL) Alkane: Straight-Chain15.039	750	J			15.039	
002131-41-1	Naphthalene, 1,4,5-trimethyl-	310	J			15.292	
	(DEL) Alkane: Straight-Chain15.374	1600	J			15.374	
	(DEL) Alkane: Straight-Chain15.774	1100	J			15.774	
	(DEL) Alkane: Straight-Chain15.868	390	J			15.868	
	(DEL) Alkane: Straight-Chain15.921	570	J			15.921	
	unknown-03	670	J			15.986	
	(DEL) Alkane: Straight-Chain16.233	3000	J			16.233	
	(DEL) Alkane: Straight-Chain16.262	1300	J			16.262	
	(DEL) Alkane: Straight-Chain16.586	470	J			16.586	
	(DEL) Alkane: Straight-Chain16.639	370	J			16.639	
	(DEL) Alkane: Straight-Chain16.739	290	J			16.739	
004292-19-7	Dodecane, 1-iodo-	2200	J			17.021	
	(DEL) Alkane: Straight-Chain17.080	1900	J			17.08	
	(DEL) Alkane: Straight-Chain17.492	380	J			17.492	
	(DEL) Alkane: Straight-Chain17.557	370	J			17.557	
	(DEL) Alkane: Straight-Chain17.680	300	J			17.68	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY9	SDG No.:	BM091124
Lab Sample ID:	P3878-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047487.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
035599-77-0	Tridecane, 1-iodo-	2200	J			17.762	
067388-11-8	4-Methylnaphtho[1,2-b]thiophene	370	J			17.821	
007372-88-5	Dibenzothiophene, 4-methyl-	430	J			17.968	
	(DEL) Alkane: Straight-Chain18.039	310	J			18.039	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b	610	J			18.115	
000057-10-3	n-Hexadecanoic acid	1500	J			18.151	
	(DEL) Alkane: Straight-Chain18.198	280	J			18.198	
000832-69-9	Phenanthrene, 1-methyl-	550	J			18.298	
002531-84-2	Phenanthrene, 2-methyl-	340	J			18.345	
	(DEL) Alkane: Straight-Chain18.451	2000	J			18.451	
000483-87-4	Phenanthrene, 1,7-dimethyl-	450	J			18.909	
003674-66-6	Phenanthrene, 2,5-dimethyl-	350	J			19.027	
	(DEL) Alkane: Straight-Chain19.074	1800	J			19.074	
	(DEL) Alkane: Straight-Chain20.180	1200	J			20.18	
	(DEL) Alkane: Straight-Chain20.674	930	J			20.674	
1000383-13-6	Carbonic acid, 2-ethylhexyl nonyl	2300	J			21.162	
	(DEL) Alkane: Straight-Chain21.686	710	J			21.686	
	(DEL) Alkane: Straight-Chain22.150	730	J			22.15	
1000309-39-7	Oxalic acid, 2-ethylhexyl tetradec	970	J			22.274	
	(DEL) Alkane: Straight-Chain22.933	400	J			22.933	
	(DEL) Alkane: Straight-Chain23.709	400	J			23.709	
E966796	Total Alkanes	29000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ1	SDG No.:	BM091124
Lab Sample ID:	P3878-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047488.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.9	79	ug/Kg
100-52-7	Benzaldehyde	89	U	89	98.2	390	ug/Kg
110-86-1	Pyridine	51	U	51	200	390	ug/Kg
108-95-2	Phenol	42	U	42	98.2	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	98.2	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.6	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	98.2	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	98.2	390	ug/Kg
98-86-2	Acetophenone	45	U	45	98.2	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	98.2	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	50.6	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50.6	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	50.6	200	ug/Kg
78-59-1	Isophorone	40	U	40	50.6	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.6	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50.6	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.6	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50.6	200	ug/Kg
91-20-3	Naphthalene	2000		40	50.6	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.6	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	50.6	200	ug/Kg
105-60-2	Caprolactam	140	U	140	98.2	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50.6	200	ug/Kg
90-12-0	1-Methylnaphthalene	2500		49	50.6	200	ug/Kg
91-57-6	2-Methylnaphthalene	3900	E	44	50.6	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	94	U	94	98.2	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	J	51	50.6	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	J	50	50.6	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ1	SDG No.:	BM091124
Lab Sample ID:	P3878-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
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
BM047488.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	280		57	50.6	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	50.6	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.6	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	50.6	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.6	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.6	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	98.2	390	ug/Kg
83-32-9	Acenaphthene	91	J	49	50.6	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	98.2	390	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	98.2	390	ug/Kg
132-64-9	Dibenzofuran	55	U	55	50.6	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.6	200	ug/Kg
84-66-2	Diethylphthalate	71	U	71	50.6	200	ug/Kg
86-73-7	Fluorene	200		54	50.6	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50.6	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	98.2	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	98.2	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.6	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	50.6	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	50.6	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	50.6	200	ug/Kg
1912-24-9	Atrazine	46	U	46	98.2	390	ug/Kg
87-86-5	Pentachlorophenol	86000	E	100	98.2	390	ug/Kg
85-01-8	Phenanthrene	610		52	50.6	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50.6	200	ug/Kg
120-12-7	Anthracene	51	U	51	50.6	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.6	200	ug/Kg
86-74-8	Carbazole	54	U	54	98.2	390	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.6	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	98.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ1	SDG No.:	BM091124
Lab Sample ID:	P3878-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047488.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	50.6	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.6	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	98.2	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.6	200	ug/Kg
218-01-9	Chrysene	54	U	54	50.6	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	61	J	52	50.6	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	98.2	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	50.6	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	50.6	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	50.6	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.6	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.6	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	50.6	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	19000	E	44	50.6	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.531		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	12.894		20-120		32	SPK: -40
4165-62-2	Phenol-d5	19.315		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.86		10-150		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.237		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	34.258		10-140		86	SPK: -40
4165-60-0	Nitrobenzene-d5	33.867		10-135		85	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.458		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.909		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.448		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.06		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	20.237		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.535		10-150		39	SPK: -40
81103-79-9	Fluorene-d10	20.404		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ1	SDG No.:	BM091124
Lab Sample ID:	P3878-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047488.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.349		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	21.737		10-150		54	SPK: -40
1718-52-1	Pyrene-d10	26.243		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.937		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	735108	7.881				
1146-65-2	Naphthalene-d8	2505842	10.68				
15067-26-2	Acenaphthene-d10	1987119	14.51				
1517-22-2	Phenanthrene-d10	3218013	17.274				
1719-03-5	Chrysene-d12	2136103	21.462				
1520-96-3	Perylene-d12	2278275	24.509				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.910	1200	J			5.91	
	(DEL) Alkane: Cyclic6.169	390	J			6.169	
000107-41-5	Hexylene glycol	240	J			6.228	
	(DEL) Alkane: Straight-Chain6.287	240	J			6.287	
	unknown-01	560	J			6.381	
	(DEL) Alkane: Straight-Chain6.457	480	J			6.457	
	(DEL) Alkane: Cyclic6.528	570	J			6.528	
	unknown-02	280	J			6.563	
	(DEL) Alkane: Straight-Chain6.792	360	J			6.792	
000103-65-1	Benzene, propyl-	480	J			6.863	
	(DEL) Alkane: Straight-Chain6.892	530	J			6.892	
	(DEL) Alkane: Straight-Chain6.957	810	J			6.957	
000620-14-4	Benzene, 1-ethyl-3-methyl-	530	J			6.981	
000108-67-8	Mesitylene	490	J			7.116	
000611-14-3	Benzene, 1-ethyl-2-methyl-	590	J			7.281	
019549-80-5	2-Heptanone, 4,6-dimethyl-	640	J			7.322	
	(DEL) Alkane: Straight-Chain7.545	2100	J			7.545	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ1	SDG No.:	BM091124
Lab Sample ID:	P3878-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047488.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain7.733	280	J			7.733	
000104-76-7	1-Hexanol, 2-ethyl-	2100	J			7.986	
	(DEL) Alkane: Straight-Chain8.098	350	J			8.098	
	(DEL) Alkane: Cyclic8.192	430	J			8.192	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	660	J			8.328	
000135-01-3	Benzene, 1,2-diethyl-	270	J			8.375	
001074-17-5	Benzene, 1-methyl-2-propyl-	860	J			8.439	
	(DEL) Alkane: Straight-Chain8.498	440	J			8.498	
	(DEL) Alkane: Straight-Chain8.675	810	J			8.675	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	400	J			8.851	
000527-84-4	o-Cymene	540	J			8.898	
	(DEL) Alkane: Straight-Chain9.157	2300	J			9.157	
004116-93-2	2,8-Decadiyne	1000	J			9.257	
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	290	J			9.58	
	(DEL) Alkane: Cyclic9.692	240	J			9.692	
	unknown-03	570	J			9.839	
	(DEL) Alkane: Straight-Chain9.980	380	J			9.98	
	(DEL) Alkane: Straight-Chain10.051	210	J			10.051	
	(DEL) Alkane: Straight-Chain10.869	150	J			10.869	
	unknown-04	730	J			11.086	
	(DEL) Alkane: Straight-Chain11.204	410	J			11.204	
	(DEL) Alkane: Straight-Chain11.616	320	J			11.616	
	(DEL) Alkane: Straight-Chain11.727	430	J			11.727	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	380	J			11.786	
	unknown-05	440	J			11.963	
	(DEL) Alkane: Straight-Chain12.133	660	J			12.133	
1000309-39-3	Oxalic acid, decyl 2-ethylhexyl es	210	J			12.757	
	(DEL) Alkane: Straight-Chain13.074	350	J			13.074	
000582-16-1	Naphthalene, 2,7-dimethyl-	330	J			13.68	
000575-41-7	Naphthalene, 1,3-dimethyl-	480	J			13.845	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ1	SDG No.:	BM091124
Lab Sample ID:	P3878-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047488.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain14.021	470	J			14.021	
	(DEL) Alkane: Straight-Chain14.445	790	J			14.445	
	(DEL) Alkane: Straight-Chain15.051	290	J			15.051	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	500	J			15.286	
	(DEL) Alkane: Straight-Chain15.386	620	J			15.386	
	(DEL) Alkane: Straight-Chain15.786	420	J			15.786	
	(DEL) Alkane: Straight-Chain15.874	200	J			15.874	
	(DEL) Alkane: Straight-Chain16.245	2700	J			16.245	
001730-37-6	9H-Fluorene, 1-methyl-	800	J			16.609	
	(DEL) Alkane: Straight-Chain17.086	2100	J			17.086	
187328-55-8	9,9-Dimethyl-9-sila-9,10-dihydroph	1000	J			17.551	
	(DEL) Alkane: Straight-Chain17.768	2000	J			17.768	
005129-60-2	Pentadecanoic acid, 14-methyl-, me	1400	J			17.933	
	(DEL) Alkane: Straight-Chain18.456	1700	J			18.456	
	(DEL) Alkane: Straight-Chain19.086	2300	J			19.086	
	(DEL) Alkane: Straight-Chain20.180	380	J			20.18	
1000383-13-7	Carbonic acid, decyl 2-ethylhexyl	790	J			21.168	
000112-79-8	9-Octadecenoic acid, (E)-	460	J			22.15	
1000309-39-7	Oxalic acid, 2-ethylhexyl tetradec	420	J			22.28	
E966796	Total Alkanes	28000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY8	SDG No.:	BM091124
Lab Sample ID:	P3878-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047489.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.3	83	ug/Kg
100-52-7	Benzaldehyde	94	U	94	100	410	ug/Kg
110-86-1	Pyridine	54	U	54	210	410	ug/Kg
108-95-2	Phenol	44	U	44	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.2	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	410	ug/Kg
98-86-2	Acetophenone	48	U	48	100	410	ug/Kg
106-44-5	4-Methylphenol	40	U	40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	53.2	210	ug/Kg
67-72-1	Hexachloroethane	29	U	29	53.2	210	ug/Kg
98-95-3	Nitrobenzene	45	U	45	53.2	210	ug/Kg
78-59-1	Isophorone	43	U	43	53.2	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	53.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	53.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	53.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	53.2	210	ug/Kg
91-20-3	Naphthalene	74	J	43	53.2	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	53.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	53.2	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	53.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	210		51	53.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	310		46	53.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	99	U	99	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	53.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	53.2	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY8	SDG No.:	BM091124
Lab Sample ID:	P3878-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047489.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	60	U	60	53.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	53.2	210	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.2	210	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	53.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	53.2	210	ug/Kg
208-96-8	Acenaphthylene	54	U	54	53.2	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	51	U	51	53.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	51	U	51	100	410	ug/Kg
132-64-9	Dibenzofuran	58	U	58	53.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	53.2	210	ug/Kg
84-66-2	Diethylphthalate	75	U	75	53.2	210	ug/Kg
86-73-7	Fluorene	56	U	56	53.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	53.2	210	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	53.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	53.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	53.2	210	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.2	210	ug/Kg
1912-24-9	Atrazine	49	U	49	100	410	ug/Kg
87-86-5	Pentachlorophenol	38000	E	110	100	410	ug/Kg
85-01-8	Phenanthrene	180	J	55	53.2	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	53.2	210	ug/Kg
120-12-7	Anthracene	54	U	54	53.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	53.2	210	ug/Kg
86-74-8	Carbazole	56	U	56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	53	53.2	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY8	SDG No.:	BM091124
Lab Sample ID:	P3878-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047489.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	53.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	53.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	53.2	210	ug/Kg
218-01-9	Chrysene	56	U	56	53.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270		55	53.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	53	U	53	53.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	53.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	53	U	53	53.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	53.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	53.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	53.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4300	E	46	53.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.49		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	14.503		20-120		36	SPK: -40
4165-62-2	Phenol-d5	14.931		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.949		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.384		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	16.834		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	16.699		10-135		42	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.001		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.35		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.104		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.05		10-145		45	SPK: -40
93951-97-4	Acenaphthylene-d8	17.822		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.391		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	17.733		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY8	SDG No.:	BM091124
Lab Sample ID:	P3878-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047489.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.234		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	18.998		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	22.212		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.15		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	683726	7.869				
1146-65-2	Naphthalene-d8	3070373	10.669				
15067-26-2	Acenaphthene-d10	1844378	14.498				
1517-22-2	Phenanthrene-d10	3353250	17.245				
1719-03-5	Chrysene-d12	2540659	21.456				
1520-96-3	Perylene-d12	2365256	24.503				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain7.510	1000	J			7.51	
000104-76-7	1-Hexanol, 2-ethyl-	520	J			7.934	
001074-43-7	Benzene, 1-methyl-3-propyl-	400	J			8.422	
	(DEL) Alkane: Straight-Chain8.651	310	J			8.651	
	(DEL) Alkane: Straight-Chain9.116	1200	J			9.116	
004116-93-2	2,8-Decadiyne	350	J			9.234	
	unknown-01	94	J			9.369	
000095-93-2	Benzene, 1,2,4,5-tetramethyl-	93	J			9.563	
	(DEL) Alkane: Straight-Chain9.963	100	J			9.963	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	180	J			11.057	
	(DEL) Alkane: Straight-Chain11.181	95	J			11.181	
	(DEL) Alkane: Straight-Chain11.710	140	J			11.71	
	unknown-02	130	J			11.939	
	(DEL) Alkane: Straight-Chain12.104	370	J			12.104	
	(DEL) Alkane: Straight-Chain12.922	120	J			12.922	
	(DEL) Alkane: Straight-Chain13.004	120	J			13.004	
	(DEL) Alkane: Straight-Chain13.063	230	J			13.063	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY8	SDG No.:	BM091124
Lab Sample ID:	P3878-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047489.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain13.345	800	J			13.345	
000575-41-7	Naphthalene, 1,3-dimethyl-	450	J			13.663	
000581-40-8	Naphthalene, 2,3-dimethyl-	460	J			13.822	
	(DEL) Alkane: Straight-Chain13.980	120	J			13.98	
	(DEL) Alkane: Straight-Chain14.004	230	J			14.004	
000575-43-9	Naphthalene, 1,6-dimethyl-	250	J			14.051	
	(DEL) Alkane: Straight-Chain14.416	1100	J			14.416	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	600	J			14.904	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	320	J			14.975	
	(DEL) Alkane: Straight-Chain15.033	540	J			15.033	
	(DEL) Alkane: Straight-Chain15.369	1300	J			15.369	
	(DEL) Alkane: Straight-Chain15.775	760	J			15.775	
	(DEL) Alkane: Straight-Chain15.863	310	J			15.863	
1010309-18-1	Sulfurous acid, butyl tetradecyl e	360	J			15.922	
	(DEL) Alkane: Cyclic15.980	400	J			15.98	
	(DEL) Alkane: Straight-Chain16.227	2100	J			16.227	
	(DEL) Alkane: Straight-Chain16.257	890	J			16.257	
	(DEL) Alkane: Straight-Chain16.574	240	J			16.574	
000629-93-6	Octadecane, 1-iodo-	270	J			16.633	
	(DEL) Alkane: Straight-Chain16.686	200	J			16.686	
	(DEL) Alkane: Straight-Chain16.733	160	J			16.733	
	(DEL) Alkane: Straight-Chain17.016	1600	J			17.016	
	(DEL) Alkane: Straight-Chain17.074	1200	J			17.074	
013187-99-0	2-Bromo dodecane	240	J			17.486	
	(DEL) Alkane: Straight-Chain17.551	250	J			17.551	
1010115-66-1	Tridecanol, 2-ethyl-2-methyl-	190	J			17.674	
	(DEL) Alkane: Straight-Chain17.757	1600	J			17.757	
031317-07-4	1-Methyldibenzothiophene	150	J			17.816	
	(DEL) Alkane: Straight-Chain18.033	160	J			18.033	
002531-84-2	Phenanthrene, 2-methyl-	250	J			18.11	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY8	SDG No.:	BM091124
Lab Sample ID:	P3878-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047489.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000057-10-3	n-Hexadecanoic acid	790	J			18.145	
	(DEL) Alkane: Straight-Chain18.198	140	J			18.198	
000832-69-9	Phenanthrene, 1-methyl-	300	J			18.292	
000949-41-7	1H-Cyclopropa[1]phenanthrene, 1a,9b-dihydro190		J			18.339	
	(DEL) Alkane: Straight-Chain18.445	1400	J			18.445	
000483-87-4	Phenanthrene, 1,7-dimethyl-	250	J			18.904	
003674-66-6	Phenanthrene, 2,5-dimethyl-	190	J			19.021	
	(DEL) Alkane: Straight-Chain19.074	1200	J			19.074	
000112-61-8	Methyl stearate	210	J			19.221	
	(DEL) Alkane: Straight-Chain19.292	170	J			19.292	
000057-11-4	Octadecanoic acid	160	J			19.41	
	(DEL) Alkane: Straight-Chain20.180	670	J			20.18	
	(DEL) Alkane: Straight-Chain20.668	590	J			20.668	
	(DEL) Alkane: Straight-Chain21.157	1200	J			21.157	
	(DEL) Alkane: Straight-Chain21.686	420	J			21.686	
000112-79-8	9-Octadecenoic acid, (E)-	200	J			22.145	
	(DEL) Alkane: Straight-Chain22.268	480	J			22.268	
	(DEL) Alkane: Straight-Chain22.933	260	J			22.933	
	(DEL) Alkane: Straight-Chain23.703	230	J			23.703	
E966796	Total Alkanes	24000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC45	SDG No.:	BM091124
Lab Sample ID:	P3878-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047490.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	7.9	80	ug/Kg
100-52-7	Benzaldehyde	90	U	90	98.7	390	ug/Kg
110-86-1	Pyridine	51	U	51	200	390	ug/Kg
108-95-2	Phenol	42	U	42	98.7	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	98.7	390	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	50.9	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	98.7	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	98.7	390	ug/Kg
98-86-2	Acetophenone	45	U	45	98.7	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	98.7	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	50.9	200	ug/Kg
67-72-1	Hexachloroethane	28	U	28	50.9	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	50.9	200	ug/Kg
78-59-1	Isophorone	41	U	41	50.9	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.9	200	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	50.9	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.9	200	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	50.9	200	ug/Kg
91-20-3	Naphthalene	41	U	41	50.9	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.9	390	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	50.9	200	ug/Kg
105-60-2	Caprolactam	140	U	140	98.7	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	50.9	200	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	50.9	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.9	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	98.7	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.9	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	50.9	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC45	SDG No.:	BM091124
Lab Sample ID:	P3878-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
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
BM047490.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	50.9	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	50.9	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.9	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	50.9	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.9	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.9	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	98.7	390	ug/Kg
83-32-9	Acenaphthene	49	U	49	50.9	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	98.7	390	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	98.7	390	ug/Kg
132-64-9	Dibenzofuran	55	U	55	50.9	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.9	200	ug/Kg
84-66-2	Diethylphthalate	72	U	72	50.9	200	ug/Kg
86-73-7	Fluorene	54	U	54	50.9	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	50.9	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	98.7	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	98.7	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.9	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	50.9	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	50.9	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	50.9	200	ug/Kg
1912-24-9	Atrazine	47	U	47	98.7	390	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	98.7	390	ug/Kg
85-01-8	Phenanthrene	53	U	53	50.9	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	50.9	200	ug/Kg
120-12-7	Anthracene	51	U	51	50.9	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.9	200	ug/Kg
86-74-8	Carbazole	54	U	54	98.7	390	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.9	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	98.7	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC45	SDG No.:	BM091124
Lab Sample ID:	P3878-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047490.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	50.9	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.9	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	98.7	390	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	50.9	200	ug/Kg
218-01-9	Chrysene	54	U	54	50.9	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	50.9	200	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	98.7	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	50.9	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	50.9	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	50.9	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.9	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.9	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	50.9	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50.9	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.345		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	5.027	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	13.777		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.999		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.781		15-120		34	SPK: -40
190780-66-6	4-Methylphenol-d8	15.028		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	14.525		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.475		10-120		39	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.529		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.303		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.204		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	16.123		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.952		10-150		35	SPK: -40
81103-79-9	Fluorene-d10	16.938		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC45	SDG No.:	BM091124
Lab Sample ID:	P3878-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.7
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
BM047490.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.284		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	17.439		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	20.207		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.887		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	628203	7.869				
1146-65-2	Naphthalene-d8	2840955	10.669				
15067-26-2	Acenaphthene-d10	1841536	14.498				
1517-22-2	Phenanthrene-d10	3683303	17.233				
1719-03-5	Chrysene-d12	2856706	21.456				
1520-96-3	Perylene-d12	2505809	24.503				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	120	J			15.845	
000057-10-3	n-Hexadecanoic acid	150	J			18.133	
	(DEL) Alkane: Straight-Chain	21.145	J			21.145	
E966796	Total Alkanes	180				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC48	SDG No.:	BM091124
Lab Sample ID:	P3878-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047491.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	8.4	85	ug/Kg
100-52-7	Benzaldehyde	96	U	96	110	420	ug/Kg
110-86-1	Pyridine	55	U	55	210	420	ug/Kg
108-95-2	Phenol	45	U	45	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	110	420	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.2	220	ug/Kg
95-48-7	2-Methylphenol	38	U	38	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	110	420	ug/Kg
98-86-2	Acetophenone	48	U	48	110	420	ug/Kg
106-44-5	4-Methylphenol	41	U	41	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	54.2	220	ug/Kg
67-72-1	Hexachloroethane	29	U	29	54.2	220	ug/Kg
98-95-3	Nitrobenzene	46	U	46	54.2	220	ug/Kg
78-59-1	Isophorone	43	U	43	54.2	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	54.2	220	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	54.2	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	54.2	220	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	54.2	220	ug/Kg
91-20-3	Naphthalene	43	U	43	54.2	220	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	54.2	420	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	54.2	220	ug/Kg
105-60-2	Caprolactam	150	U	150	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	54.2	220	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	54.2	220	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	54.2	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	54.2	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	54.2	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC48	SDG No.:	BM091124
Lab Sample ID:	P3878-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
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
BM047491.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	54.2	220	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	54.2	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	54.2	220	ug/Kg
131-11-3	Dimethylphthalate	54	U	54	54.2	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	54.2	220	ug/Kg
208-96-8	Acenaphthylene	55	U	55	54.2	220	ug/Kg
99-09-2	3-Nitroaniline	26	U	26	110	420	ug/Kg
83-32-9	Acenaphthene	52	U	52	54.2	220	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	110	420	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	110	420	ug/Kg
132-64-9	Dibenzofuran	59	U	59	54.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	54.2	220	ug/Kg
84-66-2	Diethylphthalate	77	U	77	54.2	220	ug/Kg
86-73-7	Fluorene	57	U	57	54.2	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	54.2	220	ug/Kg
100-01-6	4-Nitroaniline	54	U	54	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	54.2	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	65	U	65	54.2	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	54.2	220	ug/Kg
118-74-1	Hexachlorobenzene	64	U	64	54.2	220	ug/Kg
1912-24-9	Atrazine	50	U	50	110	420	ug/Kg
87-86-5	Pentachlorophenol	3700		110	110	420	ug/Kg
85-01-8	Phenanthrene	56	U	56	54.2	220	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	54.2	220	ug/Kg
120-12-7	Anthracene	55	U	55	54.2	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	54.2	220	ug/Kg
86-74-8	Carbazole	57	U	57	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	54	54.2	220	ug/Kg
206-44-0	Fluoranthene	56	U	56	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC48	SDG No.:	BM091124
Lab Sample ID:	P3878-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047491.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	54.2	220	ug/Kg
85-68-7	Butylbenzylphthalate	41	U	41	54.2	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	50	U	50	54.2	220	ug/Kg
218-01-9	Chrysene	57	U	57	54.2	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	54.2	220	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	U	54	54.2	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	57	U	57	54.2	220	ug/Kg
50-32-8	Benzo(a)pyrene	54	U	54	54.2	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	54.2	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	47	U	47	54.2	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	54.2	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240		47	54.2	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.391		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	13.06		20-120		33	SPK: -40
4165-62-2	Phenol-d5	13.778		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.427		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.284		15-120		36	SPK: -40
190780-66-6	4-Methylphenol-d8	14.913		10-140		37	SPK: -40
4165-60-0	Nitrobenzene-d5	14.852		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.044		10-120		40	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.427		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.741		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.778		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	15.968		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.36		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	16.675		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC48	SDG No.:	BM091124
Lab Sample ID:	P3878-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
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
BM047491.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.075		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	17.01		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	18.787		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.437		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	656062	7.869				
1146-65-2	Naphthalene-d8	2950274	10.663				
15067-26-2	Acenaphthene-d10	1892768	14.498				
1517-22-2	Phenanthrene-d10	3862280	17.233				
1719-03-5	Chrysene-d12	3208476	21.456				
1520-96-3	Perylene-d12	2866724	24.503				
TENTATIVE IDENTIFIED COMPOUNDS							
000107-41-5	Hexylene glycol	160	J			6.175	
	(DEL) Alkane: Straight-Chain7.510	130	J			7.51	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	260	J			8.298	
	(DEL) Alkane: Straight-Chain9.116	130	J			9.116	
000119-61-9	Benzophenone	120	J			15.845	
000057-10-3	n-Hexadecanoic acid	190	J			18.133	
000506-51-4	n-Tetracosanol-1	170	J			21.145	
E966796	Total Alkanes	260				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC49	SDG No.:	BM091124
Lab Sample ID:	P3878-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
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
BM047492.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	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	45	U	45	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	54.1	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	54.1	220	ug/Kg
67-72-1	Hexachloroethane	29	U	29	54.1	220	ug/Kg
98-95-3	Nitrobenzene	46	U	46	54.1	220	ug/Kg
78-59-1	Isophorone	43	U	43	54.1	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	54.1	220	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	54.1	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	54.1	220	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	54.1	220	ug/Kg
91-20-3	Naphthalene	43	U	43	54.1	220	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	54.1	420	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	54.1	220	ug/Kg
105-60-2	Caprolactam	150	U	150	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	54.1	220	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	54.1	220	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	54.1	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	54.1	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	54.1	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC49	SDG No.:	BM091124
Lab Sample ID:	P3878-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
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
BM047492.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	54.1	220	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	54.1	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	54.1	220	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	54.1	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	54.1	220	ug/Kg
208-96-8	Acenaphthylene	55	U	55	54.1	220	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	420	ug/Kg
83-32-9	Acenaphthene	52	U	52	54.1	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	59	U	59	54.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	54.1	220	ug/Kg
84-66-2	Diethylphthalate	76	U	76	54.1	220	ug/Kg
86-73-7	Fluorene	57	U	57	54.1	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	54.1	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	54.1	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	65	U	65	54.1	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	54.1	220	ug/Kg
118-74-1	Hexachlorobenzene	64	U	64	54.1	220	ug/Kg
1912-24-9	Atrazine	50	U	50	100	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	420	ug/Kg
85-01-8	Phenanthrene	56	U	56	54.1	220	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	54.1	220	ug/Kg
120-12-7	Anthracene	55	U	55	54.1	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	54.1	220	ug/Kg
86-74-8	Carbazole	57	U	57	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	53	54.1	220	ug/Kg
206-44-0	Fluoranthene	56	U	56	100	220	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC49	SDG No.:	BM091124
Lab Sample ID:	P3878-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
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
BM047492.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	54.1	220	ug/Kg
85-68-7	Butylbenzylphthalate	41	U	41	54.1	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	50	U	50	54.1	220	ug/Kg
218-01-9	Chrysene	57	U	57	54.1	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	54.1	220	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	53	U	53	54.1	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	57	U	57	54.1	220	ug/Kg
50-32-8	Benzo(a)pyrene	53	U	53	54.1	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	54.1	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	47	U	47	54.1	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	54.1	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	54.1	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.639		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	13.911		20-120		35	SPK: -40
4165-62-2	Phenol-d5	13.993		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.124		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.12		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	15.026		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	15.395		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.253		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.596		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.301		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.803		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	15.941		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.166		10-150		28	SPK: -40
81103-79-9	Fluorene-d10	16.799		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC49	SDG No.:	BM091124
Lab Sample ID:	P3878-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.4
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
BM047492.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.825		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	17.374		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	19.136		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.623		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	589394	7.869				
1146-65-2	Naphthalene-d8	2653515	10.663				
15067-26-2	Acenaphthene-d10	1708700	14.498				
1517-22-2	Phenanthrene-d10	3469785	17.233				
1719-03-5	Chrysene-d12	2847140	21.456				
1520-96-3	Perylene-d12	2567835	24.503				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	100	J			15.845	
000057-10-3	n-Hexadecanoic acid	130	J			18.133	
077899-03-7	1-Heneicosyl formate	150	J			21.145	
E966796	Total Alkanes	61	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY7	SDG No.:	BM091124
Lab Sample ID:	P3878-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047493.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

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	88	U	88	97.3	390	ug/Kg
110-86-1	Pyridine	51	U	51	190	390	ug/Kg
108-95-2	Phenol	41	U	41	97.3	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	97.3	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.1	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	97.3	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	97.3	390	ug/Kg
98-86-2	Acetophenone	45	U	45	97.3	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	97.3	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	50.1	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50.1	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	50.1	200	ug/Kg
78-59-1	Isophorone	40	U	40	50.1	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50.1	200	ug/Kg
91-20-3	Naphthalene	40	U	40	50.1	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.1	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	50.1	200	ug/Kg
105-60-2	Caprolactam	140	U	140	97.3	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	50.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	44	U	44	50.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93	U	93	97.3	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	50.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY7	SDG No.:	BM091124
Lab Sample ID:	P3878-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.5
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
BM047493.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	50.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	50.1	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.1	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	50.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.1	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.1	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	97.3	390	ug/Kg
83-32-9	Acenaphthene	48	U	48	50.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	97.3	390	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	97.3	390	ug/Kg
132-64-9	Dibenzofuran	54	U	54	50.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.1	200	ug/Kg
84-66-2	Diethylphthalate	71	U	71	50.1	200	ug/Kg
86-73-7	Fluorene	53	U	53	50.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	50.1	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	97.3	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	97.3	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	50.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	50.1	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.1	200	ug/Kg
1912-24-9	Atrazine	46	U	46	97.3	390	ug/Kg
87-86-5	Pentachlorophenol	390		100	97.3	390	ug/Kg
85-01-8	Phenanthrene	52	U	52	50.1	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	50.1	200	ug/Kg
120-12-7	Anthracene	51	U	51	50.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.1	200	ug/Kg
86-74-8	Carbazole	53	U	53	97.3	390	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.1	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	97.3	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY7	SDG No.:	BM091124
Lab Sample ID:	P3878-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.5
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047493.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	50.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	97.3	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.1	200	ug/Kg
218-01-9	Chrysene	53	U	53	50.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	50.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	97.3	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	50.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	50.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	50.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	50.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	44	U	44	50.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.684		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	13.855		20-120		35	SPK: -40
4165-62-2	Phenol-d5	14.34		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.774		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.908		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	15.069		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	15.43		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.2		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.632		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.097		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.811		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	16.088		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.638		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	16.92		20-140		42	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY7	SDG No.:	BM091124
Lab Sample ID:	P3878-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.5
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
BM047493.D	1	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.375		10-130		16	SPK: -40
1719-06-8	Anthracene-d10	17.328		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	18.783		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.515		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	550607	7.869				
1146-65-2	Naphthalene-d8	2431895	10.663				
15067-26-2	Acenaphthene-d10	1568018	14.498				
1517-22-2	Phenanthrene-d10	3217751	17.233				
1719-03-5	Chrysene-d12	2757500	21.456				
1520-96-3	Perylene-d12	2489488	24.503				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	100	J			15.845	
000057-10-3	n-Hexadecanoic acid	190	J			18.133	
007365-36-8	Heptafluorobutyric acid, n-tetradecanoic acid	150	J			21.145	
E966796	Total Alkanes	57	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ0DL	SDG No.:	BM091124
Lab Sample ID:	P3878-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BM047494.D	20	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	320	U	320	160	1700	ug/Kg
100-52-7	Benzaldehyde	1900	U	1900	2100	8200	ug/Kg
110-86-1	Pyridine	1100	U	1100	4100	8200	ug/Kg
108-95-2	Phenol	870	U	870	2100	8200	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	850	U	850	2100	8200	ug/Kg
95-57-8	2-Chlorophenol	700	U	700	1100	4200	ug/Kg
95-48-7	2-Methylphenol	750	U	750	2100	8200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	670	U	670	2100	8200	ug/Kg
98-86-2	Acetophenone	950	U	950	2100	8200	ug/Kg
106-44-5	4-Methylphenol	800	U	800	2100	8200	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	720	U	720	1100	4200	ug/Kg
67-72-1	Hexachloroethane	570	U	570	1100	4200	ug/Kg
98-95-3	Nitrobenzene	900	U	900	1100	4200	ug/Kg
78-59-1	Isophorone	850	U	850	1100	4200	ug/Kg
88-75-5	2-Nitrophenol	800	U	800	1100	4200	ug/Kg
105-67-9	2,4-Dimethylphenol	700	U	700	1100	4200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	950	U	950	1100	4200	ug/Kg
120-83-2	2,4-Dichlorophenol	970	U	970	1100	4200	ug/Kg
91-20-3	Naphthalene	1000	JD	850	1100	4200	ug/Kg
106-47-8	4-Chloroaniline	1100	U	1100	1100	8200	ug/Kg
87-68-3	Hexachlorobutadiene	850	U	850	1100	4200	ug/Kg
105-60-2	Caprolactam	3000	U	3000	2100	8200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	700	U	700	1100	4200	ug/Kg
90-12-0	1-Methylnaphthalene	1400	JD	1000	1100	4200	ug/Kg
91-57-6	2-Methylnaphthalene	2400	JD	920	1100	4200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2000	U	2000	2100	8200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100	U	1100	1100	4200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000	U	1000	1100	4200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ0DL	SDG No.:	BM091124
Lab Sample ID:	P3878-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BM047494.D	20	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200	U	1200	1100	4200	ug/Kg
91-58-7	2-Chloronaphthalene	1100	U	1100	1100	4200	ug/Kg
88-74-4	2-Nitroaniline	550	U	550	1100	4200	ug/Kg
131-11-3	Dimethylphthalate	1000	U	1000	1100	4200	ug/Kg
606-20-2	2,6-Dinitrotoluene	520	U	520	1100	4200	ug/Kg
208-96-8	Acenaphthylene	1100	U	1100	1100	4200	ug/Kg
99-09-2	3-Nitroaniline	500	U	500	2100	8200	ug/Kg
83-32-9	Acenaphthene	1000	U	1000	1100	4200	ug/Kg
51-28-5	2,4-Dinitrophenol	3000	U	3000	2100	8200	ug/Kg
100-02-7	4-Nitrophenol	1000	U	1000	2100	8200	ug/Kg
132-64-9	Dibenzofuran	1100	U	1100	1100	4200	ug/Kg
121-14-2	2,4-Dinitrotoluene	670	U	670	1100	4200	ug/Kg
84-66-2	Diethylphthalate	1500	U	1500	1100	4200	ug/Kg
86-73-7	Fluorene	1100	U	1100	1100	4200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200	U	1200	1100	4200	ug/Kg
100-01-6	4-Nitroaniline	1000	U	1000	2100	8200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400	U	400	2100	8200	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1000	U	1000	1100	4200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300	U	1300	1100	4200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100	U	1100	1100	4200	ug/Kg
118-74-1	Hexachlorobenzene	1200	U	1200	1100	4200	ug/Kg
1912-24-9	Atrazine	970	U	970	2100	8200	ug/Kg
87-86-5	Pentachlorophenol	230000	ED	2200	2100	8200	ug/Kg
85-01-8	Phenanthrene	1100	U	1100	1100	4200	ug/Kg
608-93-5	Pentachlorobenzene	1300	U	1300	1100	4200	ug/Kg
120-12-7	Anthracene	1100	U	1100	1100	4200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	820	U	820	1100	4200	ug/Kg
86-74-8	Carbazole	1100	U	1100	2100	8200	ug/Kg
84-74-2	Di-n-butylphthalate	1000	U	1000	1100	4200	ug/Kg
206-44-0	Fluoranthene	1100	U	1100	2100	4200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ0DL	SDG No.:	BM091124
Lab Sample ID:	P3878-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BM047494.D	20	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1100	4200	ug/Kg
85-68-7	Butylbenzylphthalate	800	U	800	1100	4200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	570	U	570	2100	8200	ug/Kg
56-55-3	Benzo(a)anthracene	970	U	970	1100	4200	ug/Kg
218-01-9	Chrysene	1100	U	1100	1100	4200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100	U	1100	1100	4200	ug/Kg
117-84-0	Di-n-octyl phthalate	850	U	850	2100	8200	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000	U	1000	1100	4200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100	U	1100	1100	4200	ug/Kg
50-32-8	Benzo(a)pyrene	1000	U	1000	1100	4200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	920	U	920	1100	4200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	920	U	920	1100	4200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	870	U	870	1100	4200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	19000	D	920	1100	4200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.56		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	15.6		20-120		39	SPK: -40
4165-62-2	Phenol-d5	25		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.58		10-150		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.32		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	33.82		10-140		85	SPK: -40
4165-60-0	Nitrobenzene-d5	30.66		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.98		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.34		10-140		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.24		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.98		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	27.98		15-120		70	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.34		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	29.94		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ0DL	SDG No.:	BM091124
Lab Sample ID:	P3878-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BM047494.D	20	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.74		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	30.22		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	33.32		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.38		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	458166	7.869				
1146-65-2	Naphthalene-d8	2105630	10.663				
15067-26-2	Acenaphthene-d10	1331608	14.498				
1517-22-2	Phenanthrene-d10	2657752	17.233				
1719-03-5	Chrysene-d12	2186809	21.456				
1520-96-3	Perylene-d12	2057202	24.503				
TENTATIVE IDENTIFIED COMPOUNDS							
000107-92-6	Butanoic acid	4100	JD			3.946	
	(DEL) Alkane: Straight-Chain5.899	7000	JD			5.899	
000107-41-5	Hexylene glycol	9100	JD			6.175	
	(DEL) Alkane: Straight-Chain6.369	3000	JD			6.369	
	(DEL) Alkane: Straight-Chain6.440	2300	JD			6.44	
	(DEL) Alkane: Cyclic6.522	2600	JD			6.522	
000103-65-1	Benzene, propyl-	2300	JD			6.846	
	(DEL) Alkane: Straight-Chain6.875	3300	JD			6.875	
	(DEL) Alkane: Straight-Chain6.934	4400	JD			6.934	
000611-14-3	Benzene, 1-ethyl-2-methyl-	3300	JD			6.963	
000108-67-8	Mesitylene	2600	JD			7.098	
000095-63-6	Benzene, 1,2,4-trimethyl-	3500	JD			7.263	
019549-80-5	2-Heptanone, 4,6-dimethyl-	3300	JD			7.298	
	(DEL) Alkane: Straight-Chain7.510	29000	JD			7.51	
000104-76-7	1-Hexanol, 2-ethyl-	15000	JD			7.934	
000526-73-8	Benzene, 1,2,3-trimethyl-	3000	JD			7.987	
	(DEL) Alkane: Cyclic8.169	2500	JD			8.169	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ0DL	SDG No.:	BM091124
Lab Sample ID:	P3878-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BM047494.D	20	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-unknown-01	4000	JD			8.298	
	(DEL) Alkane: Straight-Chain8.475	5200	JD			8.416	
	(DEL) Alkane: Straight-Chain8.651	2300	JD			8.475	
	(DEL) Alkane: Straight-Chain8.651	5100	JD			8.651	
001074-55-1	Benzene, 1-methyl-4-propyl-	2500	JD			8.681	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	2200	JD			8.828	
000527-84-4	o-Cymene	2900	JD			8.881	
	(DEL) Alkane: Straight-Chain9.116	26000	JD			9.116	
005161-04-6	Benzene, 1-methyl-4-(2-methylpropyl)-	5600	JD			9.234	
	(DEL) Alkane: Cyclic9.822	1700	JD			9.822	
	(DEL) Alkane: Straight-Chain9.963	2100	JD			9.963	
000627-48-5	Cyanic acid, ethyl ester	5400	JD			11.057	
019534-08-8	1,2-Cyclohexanediol, 1-methyl-, tr	2400	JD			11.181	
076649-14-4	3-Octen-2-ol	2600	JD			11.704	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	2000	JD			11.769	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	2800	JD			11.939	
	(DEL) Alkane: Straight-Chain12.104	4400	JD			12.104	
	unknown-02	2300	JD			12.133	
	(DEL) Alkane: Straight-Chain13.345	5800	JD			13.345	
	unknown-03	1800	JD			13.551	
000581-42-0	Naphthalene, 2,6-dimethyl-	2000	JD			13.822	
	(DEL) Alkane: Straight-Chain13.998	2700	JD			13.998	
	(DEL) Alkane: Straight-Chain14.416	7200	JD			14.416	
	unknown-04	2500	JD			14.586	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	2400	JD			14.898	
	(DEL) Alkane: Straight-Chain15.033	1700	JD			15.033	
1000309-20-2	Sulfurous acid, 2-ethylhexyl hexyl	5300	JD			15.363	
	(DEL) Alkane: Straight-Chain15.769	2700	JD			15.769	
	(DEL) Alkane: Straight-Chain16.221	6100	JD			16.221	
	(DEL) Alkane: Straight-Chain16.251	2200	JD			16.251	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ0DL	SDG No.:	BM091124
Lab Sample ID:	P3878-12DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20
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
BM047494.D	20	9/9/2024 12:00:00 AM	9/11/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000112-39-0	(DEL) Alkane: Straight-Chain17.010	4100	JD			17.01	
	(DEL) Alkane: Straight-Chain17.068	3100	JD			17.068	
	(DEL) Alkane: Straight-Chain17.751	3900	JD			17.751	
	Hexadecanoic acid, methyl ester	1800	JD			17.915	
	(DEL) Alkane: Straight-Chain18.439	3100	JD			18.439	
	(DEL) Alkane: Straight-Chain19.068	4500	JD			19.068	
014858-73-2	(DEL) Alkane: Straight-Chain20.174	1800	JD			20.174	
	Carbonic acid, bis(2-ethylhexyl) e	4700	JD			21.156	
1000309-39-7	unknown-05	2400	JD			22.145	
	Oxalic acid, 2-ethylhexyl tetradec	1900	JD			22.268	
	Total Alkanes	140000	D			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM091124

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-WATER-QT3-2024-05							
P3391-01	MDL-WATER-QT3-2024 Water	Total Alkanes	*	0.000	1.7	5	ug/L
		Total Tics :			0.00		
P3391-01	MDL-WATER-QT3-2024 Water	1,1-Biphenyl	4.000	J	1.7	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	1,2,3,4-Tetrachlorobenzene	3.600	J	1.2	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	1,2,4,5-Tetrachlorobenzene	3.900	J	1.8	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	1,4-Dioxane	1.100	J	0.49	2	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	1-Methylnaphthalene	4.000	J	1.3	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2,2-oxybis(1-Chloropropane)	4.300	J	1.4	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2,3,4,6-Tetrachlorophenol	3.500	J	1.4	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2,4,5-Trichlorophenol	3.400	J	1.5	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2,4,6-Trichlorophenol	3.200	J	1.5	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2,4-Dichlorophenol	3.900	J	1.5	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2,4-Dimethylphenol	1.500	J	0.98	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2,4-Dinitrotoluene	3.800	J	1.1	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2,6-Dinitrotoluene	3.700	J	1.1	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2-Chloronaphthalene	4.100	J	1.6	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2-Chlorophenol	4.200	J	1.3	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2-Methylnaphthalene	3.900	J	1.4	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2-Methylphenol	3.300	J	1.4	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2-Nitroaniline	3.600	J	1.2	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2-Nitrophenol	4.100	J	1.4	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	3,3-Dichlorobenzidine	2.700	J	1.1	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	3-Nitroaniline	3.400	J	0.84	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	4,6-Dinitro-2-methylphenol	3.500	J	0.94	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	4-Bromophenyl-phenylether	3.800	J	1.5	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	4-Chloro-3-methylphenol	3.400	J	1.4	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	4-Chloroaniline	3.700	J	1.4	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	4-Chlorophenyl-phenylether	4.000	J	1.6	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	4-Methylphenol	3.500	J	1.4	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	4-Nitroaniline	3.500	J	1.3	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	4-Nitrophenol	4.200	J	1.5	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Acenaphthene	4.100	J	1.5	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Acenaphthylene	4.300	J	1.5	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Acetophenone	4.100	J	1.5	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Anthracene	3.400	J	1.4	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Atrazine	3.600	J	1.6	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Benzaldehyde	5.100	J	2.5	10	ug/L

Hit Summary Sheet SW-846

SDG No.: BM091124

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P3391-01	MDL-WATER-QT3-2024 Water	Benzo(a)anthracene	3.900	J	1.4	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Benzo(a)pyrene	4.200	J	1.5	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Benzo(b)fluoranthene	4.100	J	1.6	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Benzo(g,h,i)perylene	3.800	J	1.4	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Benzo(k)fluoranthene	4.100	J	1.7	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Bis(2-Chloroethoxy)methane	4.200	J	1.5	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Bis(2-Chloroethyl)ether	4.300	J	1.4	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Bis(2-ethylhexyl)phthalate	3.400	J	1.8	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Butylbenzylphthalate	3.300	J	1.5	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Carbazole	3.700	J	1.6	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Chrysene	3.900	J	1.5	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Di-n-butylphthalate	3.700	J	1.7	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Di-n-octyl phthalate	3.400	J	1.4	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Dibenzo(a,h)anthracene	3.900	J	1.4	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Dibenzofuran	4.100	J	1.5	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Diethylphthalate	4.100	J	1.5	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Dimethylphthalate	4.100	J	1.5	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Fluoranthene	3.900	J	1.7	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Fluorene	4.000	J	1.5	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Hexachlorobenzene	3.900	J	1.6	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Hexachlorobutadiene	4.100	J	1.2	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Hexachlorocyclopentadiene	4.300	J	3.3	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Hexachloroethane	4.300	J	1.1	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Indeno(1,2,3-cd)pyrene	3.700	J	1.4	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Isophorone	3.900	J	1.4	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	N-Nitroso-di-n-propylamine	4.100	J	1.6	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	N-Nitrosodiphenylamine	3.800	J	1.6	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Naphthalene	4.100	J	1.3	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Nitrobenzene	4.300	J	1.4	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Pentachlorobenzene	4.000	J	1.5	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Pentachlorophenol	5.000	J	3.6	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Phenanthrene	4.000	J	1.6	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Phenol	3.800	J	1.4	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Pyrene	4.000	J	1.7	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Pyridine	4.000	J	1.4	10	ug/L

Total Svoc :

266.80

Total Concentration:

266.80

Client ID : MDL-SOIL-QT3-2024-05

P3391-03	MDL-SOIL-QT3-2024-0: Solid	Total Alkanes	*	0.000	48	170	ug/Kg
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Total Tics :

0.00

Hit Summary Sheet
SW-846

SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3391-03	MDL-SOIL-QT3-2024-01	Solid	1,1-Biphenyl	130.000	J	48	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	1,2,3,4-Tetrachlorobenzene	120.000	J	33	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	1,2,4,5-Tetrachlorobenzene	130.000	J	51	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	1,4-Dioxane	36.000	J	13	67	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	1-Methylnaphthalene	130.000	J	41	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2,2-oxybis(1-Chloropropane)	150.000	J	27	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2,3,4,6-Tetrachlorophenol	120.000	J	37	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2,4,5-Trichlorophenol	120.000	J	42	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2,4,6-Trichlorophenol	110.000	J	43	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2,4-Dichlorophenol	130.000	J	39	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2,4-Dimethylphenol	48.000	J	28	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2,4-Dinitrophenol	180.000	J	120	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2,4-Dinitrotoluene	130.000	J	27	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2,6-Dinitrotoluene	120.000	J	21	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2-Chloronaphthalene	130.000	J	45	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2-Chlorophenol	140.000	J	28	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2-Methylnaphthalene	130.000	J	37	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2-Methylphenol	110.000	J	30	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2-Nitroaniline	130.000	J	22	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2-Nitrophenol	140.000	J	32	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	3,3-Dichlorobenzidine	90.000	J	23	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	3-Nitroaniline	110.000	J	20	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	4,6-Dinitro-2-methylphenol	120.000	J	16	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	4-Bromophenyl-phenylether	130.000	J	45	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	4-Chloro-3-methylphenol	120.000	J	28	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	4-Chloroaniline	130.000	J	43	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	4-Chlorophenyl-phenylether	130.000	J	47	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	4-Methylphenol	120.000	J	32	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	4-Nitroaniline	120.000	J	42	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	4-Nitrophenol	140.000	J	41	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Acenaphthene	130.000	J	41	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Acenaphthylene	140.000	J	43	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Acetophenone	140.000	J	38	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Anthracene	110.000	J	43	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Atrazine	120.000	J	39	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Benzaldehyde	170.000	J	75	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Benzo(a)anthracene	130.000	J	39	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Benzo(a)pyrene	140.000	J	42	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Benzo(b)fluoranthene	140.000	J	42	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Benzo(g,h,i)perylene	120.000	J	35	170	ug/Kg

Hit Summary Sheet
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SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Benzo(k)fluoranthene	140.000	J	45	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Bis(2-Chloroethoxy)methane	140.000	J	38	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Bis(2-Chloroethyl)ether	140.000	J	34	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Bis(2-ethylhexyl)phthalate	110.000	J	44	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Butylbenzylphthalate	110.000	J	32	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Carbazole	120.000	J	45	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Chrysene	130.000	J	45	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Di-n-butylphthalate	120.000	J	42	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Di-n-octyl phthalate	120.000	J	34	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Dibenzo(a,h)anthracene	120.000	J	37	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Dibenzofuran	140.000	J	46	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Diethylphthalate	130.000	J	60	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Dimethylphthalate	140.000	J	42	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Fluoranthene	130.000	J	44	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Fluorene	130.000	J	45	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Hexachlorobenzene	130.000	J	50	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Hexachlorobutadiene	140.000	J	34	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Hexachlorocyclopentadiene	140.000	J	79	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Hexachloroethane	140.000	J	23	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Indeno(1,2,3-cd)pyrene	110.000	J	37	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Isophorone	130.000	J	34	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	N-Nitroso-di-n-propylamine	140.000	J	29	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	N-Nitrosodiphenylamine	120.000	J	42	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Naphthalene	140.000	J	34	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Nitrobenzene	140.000	J	36	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Pentachlorobenzene	130.000	J	51	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Pentachlorophenol	170.000	J	87	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Phenanthrene	130.000	J	44	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Phenol	130.000	J	35	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Pyrene	140.000	J	44	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Pyridine	140.000	J	43	330	ug/Kg
Total Svoc :				9,074.00				
Total Concentration:				9,074.00				
Client ID :	MDL-MED-SOIL-QT3-2024-05							
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Total Alkanes	*	0.000	1300	4800	ug/Kg
Total Tics :				0.00				
P3391-05	MDL-MED-SOIL-QT3-2	Solid	1,1-Biphenyl		4,300.000	J 1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	1,2,3,4-Tetrachlorobenzene		4,000.000	J 1100	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	1,2,4,5-Tetrachlorobenzene		4,200.000	J 1400	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	1,4-Dioxane		1,100.000	J 380	1900	ug/Kg

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SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3391-05	MDL-MED-SOIL-QT3-2	Solid	1-Methylnaphthalene	4,400.000	J	1200	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2,2-oxybis(1-Chloropropane)	4,800.000	J	740	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2,3,4,6-Tetrachlorophenol	3,800.000	J	1200	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2,4,5-Trichlorophenol	3,900.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2,4,6-Trichlorophenol	3,800.000	J	1200	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2,4-Dichlorophenol	4,200.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2,4-Dimethylphenol	1,900.000	J	820	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2,4-Dinitrophenol	5,500.000	J	2900	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2,4-Dinitrotoluene	4,100.000	J	850	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2,6-Dinitrotoluene	4,000.000	J	710	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2-Chloronaphthalene	4,400.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2-Chlorophenol	4,500.000	J	850	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2-Methylnaphthalene	4,300.000	J	1200	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2-Methylphenol	3,700.000	J	910	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2-Nitroaniline	4,200.000	J	650	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2-Nitrophenol	4,500.000	J	1100	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	3,3-Dichlorobenzidine	3,300.000	J	710	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	3-Nitroaniline	3,600.000	J	650	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	4,6-Dinitro-2-methylphenol	3,900.000	J	460	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	4-Bromophenyl-phenylether	4,000.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	4-Chloro-3-methylphenol	3,900.000	J	860	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	4-Chloroaniline	4,200.000	J	1300	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	4-Chlorophenyl-phenylether	4,400.000	J	1500	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	4-Methylphenol	4,000.000	J	840	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	4-Nitroaniline	3,800.000	J	1100	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	4-Nitrophenol	4,600.000	J	1300	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Acenaphthene	4,400.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Acenaphthylene	4,600.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Acetophenone	4,500.000	J	1100	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Anthracene	3,800.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Atrazine	3,800.000	J	890	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Benzaldehyde	5,300.000	J	2100	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Benzo(a)anthracene	4,200.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Benzo(a)pyrene	4,500.000	J	1400	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Benzo(b)fluoranthene	4,500.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Benzo(g,h,i)perylene	3,900.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Benzo(k)fluoranthene	4,600.000	J	1500	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Bis(2-Chloroethoxy)methane	4,600.000	J	1100	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Bis(2-Chloroethyl)ether	4,700.000	J	880	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Bis(2-ethylhexyl)phthalate	3,800.000	J	1400	4800	ug/Kg

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SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Butylbenzylphthalate	3,800.000	J	1100	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Caprolactam	6,300.000	J	2600	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Carbazole	4,000.000	J	1400	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Chrysene	4,200.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Di-n-butylphthalate	4,000.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Di-n-octyl phthalate	4,000.000	J	1100	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Dibenzo(a,h)anthracene	3,900.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Dibenzofuran	4,400.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Diethylphthalate	4,300.000	J	1700	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Dimethylphthalate	4,500.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Fluoranthene	4,300.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Fluorene	4,400.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Hexachlorobenzene	4,100.000	J	1400	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Hexachlorobutadiene	4,500.000	J	1100	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Hexachlorocyclopentadiene	4,400.000	J	2300	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Hexachloroethane	4,700.000	J	560	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Indeno(1,2,3-cd)pyrene	3,800.000	J	1200	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Isophorone	4,500.000	J	880	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	N-Nitroso-di-n-propylamine	4,600.000	J	730	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	N-Nitrosodiphenylamine	4,100.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Naphthalene	4,500.000	J	930	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Nitrobenzene	4,800.000		910	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Pentachlorobenzene	4,300.000	J	1500	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Pentachlorophenol	5,200.000	J	2400	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Phenanthrene	4,200.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Phenol	4,200.000	J	960	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Pyrene	4,500.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Pyridine	4,500.000	J	1300	9600	ug/Kg

Total Svoc : 303,500.00
Total Concentration: 303,500.00

Client ID : DDC45

P3878-01	DDC45	Solid	(DEL) Alkane: Straight-Chain21.1 *	180.000	J			
P3878-01	DDC45	Solid	Benzophenone *	120.000	J			
P3878-01	DDC45	Solid	n-Hexadecanoic acid *	150.000	J			
P3878-01	DDC45	Solid	Total Alkanes *	180.000		57	200	ug/Kg

Total Tics : 630.00
Total Concentration: 630.00

Client ID : DDC46

P3878-02	DDC46	Solid	(DEL) Alkane: Cyclic6.528 *	410.000	J			
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SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-02	DDC46	Solid	(DEL) Alkane: Cyclic8.187	*	370.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Cyclic9.686	*	88.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain10.6	*	88.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain11.1	*	230.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain12.1	*	260.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain12.8	*	710.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain13.6	*	1,200.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain15.6	*	1,100.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain15.9	*	2,300.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain16.2	*	2,300.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain17.6	*	2,000.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain17.7	*	1,700.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain18.4	*	1,500.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain20.1	*	430.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain20.6	*	360.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain21.1	*	840.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain22.2	*	570.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain5.96	*	890.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain6.45	*	350.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain6.75	*	250.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain6.88	*	500.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain7.54	*	2,500.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain8.08	*	300.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain8.66	*	920.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain9.14	*	2,400.000	J		
P3878-02	DDC46	Solid	(DEL) Alkane: Straight-Chain9.97	*	160.000	J		
P3878-02	DDC46	Solid	1-Hexanol, 2-ethyl-	*	730.000	J		
P3878-02	DDC46	Solid	11-Octadecenoic acid, methyl este	*	3,100.000	J		
P3878-02	DDC46	Solid	2-Heptanone, 4,6-dimethyl-	*	780.000	J		
P3878-02	DDC46	Solid	2-Thenoylglycine	*	1,200.000	J		
P3878-02	DDC46	Solid	3-Isopropyl-6,10-dimethylundecar	*	1,400.000	J		
P3878-02	DDC46	Solid	4-Methyl-3-heptanol, pentafluorop	*	470.000	J		
P3878-02	DDC46	Solid	Benzene, 1,2,3-trimethyl-	*	590.000	J		
P3878-02	DDC46	Solid	Benzene, 1,3-diethyl-5-methyl-	*	970.000	J		
P3878-02	DDC46	Solid	Benzene, 1-ethyl-2-methyl-	*	800.000	J		
P3878-02	DDC46	Solid	Benzene, 1-ethyl-4-methyl-	*	550.000	J		
P3878-02	DDC46	Solid	Butanoic acid, butyl ester	*	760.000	J		
P3878-02	DDC46	Solid	Carbonic acid, eicosyl vinyl ester	*	2,400.000	J		
P3878-02	DDC46	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	850.000	J		
P3878-02	DDC46	Solid	Dibenzothiophene	*	1,300.000	J		

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SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-02	DDC46	Solid	Hexadecanoic acid, methyl ester	* 2,500.000	J			
P3878-02	DDC46	Solid	Mesitylene	* 460.000	J			
P3878-02	DDC46	Solid	Methyl stearate	* 1,200.000	J			
P3878-02	DDC46	Solid	n-Hexadecanoic acid	* 890.000	J			
P3878-02	DDC46	Solid	Naphthalene, 1,3-dimethyl-	* 1,800.000	J			
P3878-02	DDC46	Solid	Naphthalene, 1,4,6-trimethyl-	* 1,000.000	J			
P3878-02	DDC46	Solid	Naphthalene, 1,6,7-trimethyl-	* 1,000.000	J			
P3878-02	DDC46	Solid	Naphthalene, 1,6-dimethyl-	* 2,000.000	J			
P3878-02	DDC46	Solid	Naphthalene, 2,3,6-trimethyl-	* 940.000	J			
P3878-02	DDC46	Solid	Naphthalene, 2,7-dimethyl-	* 1,200.000	J			
P3878-02	DDC46	Solid	o-Cymene	* 640.000	J			
P3878-02	DDC46	Solid	Silane, trichlorooctadecyl-	* 680.000	J			
P3878-02	DDC46	Solid	unknown-01	* 420.000	J			
P3878-02	DDC46	Solid	unknown-02	* 910.000	J			
P3878-02	DDC46	Solid	unknown-03	* 2,100.000	J			
P3878-02	DDC46	Solid	unknown-04	* 1,500.000	J			
P3878-02	DDC46	Solid	Total Alkanes	* 25,000.000		61	220	ug/Kg
Total Tics :				84,866.00				
P3878-02	DDC46	Solid	1,1-Biphenyl	130.000	J	61	220	ug/Kg
P3878-02	DDC46	Solid	1-Methylnaphthalene	1,400.000		52	220	ug/Kg
P3878-02	DDC46	Solid	2,3,4,6-Tetrachlorophenol	15,000.000	E	47	220	ug/Kg
P3878-02	DDC46	Solid	2,4,5-Trichlorophenol	120.000	J	53	220	ug/Kg
P3878-02	DDC46	Solid	2,4,6-Trichlorophenol	66.000	J	54	220	ug/Kg
P3878-02	DDC46	Solid	2-Methylnaphthalene	2,500.000		47	220	ug/Kg
P3878-02	DDC46	Solid	Acenaphthene	100.000	J	52	220	ug/Kg
P3878-02	DDC46	Solid	Fluorene	150.000	J	57	220	ug/Kg
P3878-02	DDC46	Solid	Naphthalene	840.000		43	220	ug/Kg
P3878-02	DDC46	Solid	Pentachlorophenol	70,000.000	E	110	420	ug/Kg
P3878-02	DDC46	Solid	Phenanthrene	550.000		56	220	ug/Kg
Total Svoc :				90,856.00				
Total Concentration:				175,722.00				

Client ID : DDC47

P3878-03	DDC47	Solid	(DEL) Alkane: Cyclic10.986	* 260.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Cyclic6.534	* 560.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Cyclic8.210	* 920.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain10.0	* 350.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain10.2	* 360.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain10.8	* 210.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain11.2	* 740.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain11.5	* 180.000	J			

Hit Summary Sheet SW-846

SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain12.1 *	710.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain14.(*	660.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain14.4 *	830.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain15.(*	600.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain15.2 *	820.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain16.2 *	1,200.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain17.(*	830.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain17.7 *	990.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain18.4 *	880.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain19.(*	1,600.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain20.1 *	480.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain20.(*	430.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain21.1 *	830.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain5.91 *	1,300.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain6.25 *	350.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain6.4(*	620.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain6.75 *	370.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain7.74 *	580.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain8.11 *	600.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain8.52 *	690.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain8.7(*	1,100.000	J			
P3878-03	DDC47	Solid	(DEL) Alkane: Straight-Chain9.95 *	430.000	J			
P3878-03	DDC47	Solid	1-Hexanol, 2-ethyl- *	1,100.000	J			
P3878-03	DDC47	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane *	760.000	J			
P3878-03	DDC47	Solid	2,6-Pyridinediamine *	860.000	J			
P3878-03	DDC47	Solid	2-Heptanone, 4,6-dimethyl- *	830.000	J			
P3878-03	DDC47	Solid	Benzene, (1-methylethyl)- *	490.000	J			
P3878-03	DDC47	Solid	Benzene, 1,2,4,5-tetramethyl- *	960.000	J			
P3878-03	DDC47	Solid	Benzene, 1,2-diethyl- *	510.000	J			
P3878-03	DDC47	Solid	Benzene, 1-ethyl-2-methyl- *	860.000	J			
P3878-03	DDC47	Solid	Benzene, 1-ethyl-3-methyl- *	1,700.000	J			
P3878-03	DDC47	Solid	Benzene, 1-methyl-3-propyl- *	1,100.000	J			
P3878-03	DDC47	Solid	Benzene, 2-ethyl-1,4-dimethyl- *	630.000	J			
P3878-03	DDC47	Solid	Benzene, propyl- *	830.000	J			
P3878-03	DDC47	Solid	Butanoic acid, hexyl ester *	460.000	J			
P3878-03	DDC47	Solid	Carbonic acid, tetradecyl vinyl es *	1,200.000	J			
P3878-03	DDC47	Solid	Cyclohexanol, 1-methyl- *	590.000	J			
P3878-03	DDC47	Solid	Cyclohexanone, 3,3,5-trimethyl- *	1,000.000	J			
P3878-03	DDC47	Solid	Hexadecanoic acid, methyl ester *	1,400.000	J			
P3878-03	DDC47	Solid	Mesitylene *	690.000	J			

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SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-03	DDC47	Solid	Methyl stearate	*	900.000	J		
P3878-03	DDC47	Solid	Naphthalene, 1,4-dimethyl-	*	1,300.000	J		
P3878-03	DDC47	Solid	Naphthalene, 1,6,7-trimethyl-	*	680.000	J		
P3878-03	DDC47	Solid	Naphthalene, 1,6-dimethyl-	*	1,600.000	J		
P3878-03	DDC47	Solid	Naphthalene, 2,3,6-trimethyl-	*	620.000	J		
P3878-03	DDC47	Solid	Naphthalene, 2,7-dimethyl-	*	590.000	J		
P3878-03	DDC47	Solid	Propanoic acid, 2-methyl-, 3-hydroxy-	*	590.000	J		
P3878-03	DDC47	Solid	Sulfurous acid, 2-propyl tridecyl	*	800.000	J		
P3878-03	DDC47	Solid	unknown-01	*	480.000	J		
P3878-03	DDC47	Solid	unknown-02	*	1,100.000	J		
P3878-03	DDC47	Solid	unknown-03	*	1,300.000	J		
P3878-03	DDC47	Solid	unknown-04	*	750.000	J		
P3878-03	DDC47	Solid	Total Alkanes	*	20,000.000	60	210	ug/Kg
Total Tics :				67,160.00				
P3878-03	DDC47	Solid	1,1-Biphenyl		400.000	60	210	ug/Kg
P3878-03	DDC47	Solid	1-Methylnaphthalene		5,300.000	E 51	210	ug/Kg
P3878-03	DDC47	Solid	2,3,4,6-Tetrachlorophenol		29,000.000	E 46	210	ug/Kg
P3878-03	DDC47	Solid	2,4,5-Trichlorophenol		260.000	52	210	ug/Kg
P3878-03	DDC47	Solid	2,4,6-Trichlorophenol		230.000	54	210	ug/Kg
P3878-03	DDC47	Solid	2-Methylnaphthalene		8,200.000	E 46	210	ug/Kg
P3878-03	DDC47	Solid	Acenaphthene		400.000	51	210	ug/Kg
P3878-03	DDC47	Solid	Bis(2-ethylhexyl)phthalate		90.000	J 55	210	ug/Kg
P3878-03	DDC47	Solid	Fluoranthene		89.000	J 55	210	ug/Kg
P3878-03	DDC47	Solid	Fluorene		500.000	56	210	ug/Kg
P3878-03	DDC47	Solid	Naphthalene		1,700.000	42	210	ug/Kg
P3878-03	DDC47	Solid	Pentachlorophenol		130,000.000	E 110	410	ug/Kg
P3878-03	DDC47	Solid	Phenanthrene		1,900.000	55	210	ug/Kg
Total Svoc :				178,069.00				
Total Concentration:				245,229.00				
Client ID : DDC48								
P3878-04	DDC48	Solid	(DEL) Alkane: Straight-Chain7.51	*	130.000	J		
P3878-04	DDC48	Solid	(DEL) Alkane: Straight-Chain9.11	*	130.000	J		
P3878-04	DDC48	Solid	Benzophenone	*	120.000	J		
P3878-04	DDC48	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	260.000	J		
P3878-04	DDC48	Solid	Hexylene glycol	*	160.000	J		
P3878-04	DDC48	Solid	n-Hexadecanoic acid	*	190.000	J		
P3878-04	DDC48	Solid	n-Tetracosanol-1	*	170.000	J		
P3878-04	DDC48	Solid	Total Alkanes	*	260.000	61	220	ug/Kg
Total Tics :				1,420.00				
P3878-04	DDC48	Solid	2,3,4,6-Tetrachlorophenol		240.000	47	220	ug/Kg

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SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-04	DDC48	Solid	Pentachlorophenol	3,700.000		110	420	ug/Kg
Total Svoc :				3,940.00				
Total Concentration:				5,360.00				
Client ID : DDC49								
P3878-05	DDC49	Solid	1-Heneicosyl formate	*	150.000	J		
P3878-05	DDC49	Solid	Benzophenone	*	100.000	J		
P3878-05	DDC49	Solid	n-Hexadecanoic acid	*	130.000	J		
P3878-05	DDC49	Solid	Total Alkanes	*	0.000	61	220	ug/Kg
Total Tics :				380.00				
Total Concentration:				380.00				
Client ID : DDCJ0								
P3878-07	DDCJ0	Solid	(DEL) Alkane: Cyclic6.169	*	570.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Cyclic6.528	*	680.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Cyclic8.193	*	420.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Cyclic9.834	*	310.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain10.1	*	110.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain10.8	*	150.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain11.6	*	270.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain11.7	*	340.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain12.1	*	620.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain13.6	*	1,300.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain14.6	*	2,000.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain15.6	*	1,300.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain15.7	*	3,200.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain15.7	*	1,600.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain15.8	*	940.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain16.2	*	2,500.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain16.2	*	1,000.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain17.6	*	2,000.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain17.6	*	1,800.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain17.7	*	1,800.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain18.4	*	1,300.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain19.6	*	1,700.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain20.1	*	740.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain21.1	*	830.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain22.2	*	590.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain5.46	*	310.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain5.91	*	1,500.000	J		
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain6.28	*	310.000	J		

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SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain6.4:	* 570.000	J			
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain6.5:	* 310.000	J			
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain6.7:	* 400.000	J			
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain6.8:	* 590.000	J			
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain6.9:	* 850.000	J			
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain7.5:	* 2,100.000	J			
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain8.0:	* 340.000	J			
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain8.4:	* 390.000	J			
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain8.6:	* 820.000	J			
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain9.1:	* 2,200.000	J			
P3878-07	DDCJ0	Solid	(DEL) Alkane: Straight-Chain9.9:	* 290.000	J			
P3878-07	DDCJ0	Solid	1-Hexanol, 2-ethyl-	* 1,400.000	J			
P3878-07	DDCJ0	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane	* 620.000	J			
P3878-07	DDCJ0	Solid	2-Heptanone, 4,6-dimethyl-	* 350.000	J			
P3878-07	DDCJ0	Solid	4-Methyl-3-heptanol, trifluoroacet	* 220.000	J			
P3878-07	DDCJ0	Solid	4b,5,6,7,8,8a,9,10-Octahydro-1-m	* 1,100.000	J			
P3878-07	DDCJ0	Solid	9-Methyl-S-octahydroanthracene	* 960.000	J			
P3878-07	DDCJ0	Solid	Benzene, 1,2,3-trimethyl-	* 490.000	J			
P3878-07	DDCJ0	Solid	Benzene, 1,3,5-trimethyl-2-(1-met	* 560.000	J			
P3878-07	DDCJ0	Solid	Benzene, 1-ethyl-3-methyl-	* 550.000	J			
P3878-07	DDCJ0	Solid	Benzene, 1-ethyl-4-methyl-	* 620.000	J			
P3878-07	DDCJ0	Solid	Benzene, 1-methyl-3-propyl-	* 800.000	J			
P3878-07	DDCJ0	Solid	Benzene, 2-ethyl-1,4-dimethyl-	* 330.000	J			
P3878-07	DDCJ0	Solid	Benzene, propyl-	* 500.000	J			
P3878-07	DDCJ0	Solid	Carbonic acid, neopentyl 2-ethylh	* 4,200.000	J			
P3878-07	DDCJ0	Solid	Dodecane, 1-fluoro-	* 1,000.000	J			
P3878-07	DDCJ0	Solid	Mesitylene	* 560.000	J			
P3878-07	DDCJ0	Solid	Naphthalene, 1,4,6-trimethyl-	* 4,000.000	J			
P3878-07	DDCJ0	Solid	Naphthalene, 1,6,7-trimethyl-	* 1,300.000	J			
P3878-07	DDCJ0	Solid	Naphthalene, 1,6-dimethyl-	* 810.000	J			
P3878-07	DDCJ0	Solid	Naphthalene, 1,7-dimethyl-	* 1,200.000	J			
P3878-07	DDCJ0	Solid	Naphthalene, 2,3,6-trimethyl-	* 950.000	J			
P3878-07	DDCJ0	Solid	Naphthalene, 2,7-dimethyl-	* 1,000.000	J			
P3878-07	DDCJ0	Solid	o-Cymene	* 500.000	J			
P3878-07	DDCJ0	Solid	Oxalic acid, allyl hexadecyl ester	* 440.000	J			
P3878-07	DDCJ0	Solid	p-Menth-1-en-3-one, semicarbaz	* 1,300.000	J			
P3878-07	DDCJ0	Solid	Propanoic acid, 2-methyl-, 2-ethyl	* 950.000	J			
P3878-07	DDCJ0	Solid	unknown-01	* 890.000	J			
P3878-07	DDCJ0	Solid	unknown-02	* 400.000	J			
P3878-07	DDCJ0	Solid	unknown-03	* 1,800.000	J			

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SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-07	DDCJ0	Solid	unknown-04	*	1,100.000	J		
P3878-07	DDCJ0	Solid	Total Alkanes	*	39,000.000	60	210	ug/Kg
Total Tics :				108,950.00				
P3878-07	DDCJ0	Solid	1,1-Biphenyl		320.000	60	210	ug/Kg
P3878-07	DDCJ0	Solid	1-Methylnaphthalene		2,400.000	51	210	ug/Kg
P3878-07	DDCJ0	Solid	2,3,4,6-Tetrachlorophenol		15,000.000	E 46	210	ug/Kg
P3878-07	DDCJ0	Solid	2,4,5-Trichlorophenol		89.000	J 52	210	ug/Kg
P3878-07	DDCJ0	Solid	2,4,6-Trichlorophenol		160.000	J 54	210	ug/Kg
P3878-07	DDCJ0	Solid	2-Methylnaphthalene		4,000.000	E 46	210	ug/Kg
P3878-07	DDCJ0	Solid	Acenaphthene		83.000	J 51	210	ug/Kg
P3878-07	DDCJ0	Solid	Bis(2-ethylhexyl)phthalate		92.000	J 55	210	ug/Kg
P3878-07	DDCJ0	Solid	Fluorene		170.000	J 56	210	ug/Kg
P3878-07	DDCJ0	Solid	Naphthalene		2,300.000	42	210	ug/Kg
P3878-07	DDCJ0	Solid	Pentachlorophenol		89,000.000	E 110	410	ug/Kg
P3878-07	DDCJ0	Solid	Phenanthrene		450.000	55	210	ug/Kg
Total Svoc :				114,064.00				
Total Concentration:				223,014.00				

Client ID : DCVY6

P3878-08	DCVY6	Solid	(DEL) Alkane: Cyclic6.163	*	340.000	J		
P3878-08	DCVY6	Solid	(DEL) Alkane: Cyclic6.528	*	560.000	J		
P3878-08	DCVY6	Solid	(DEL) Alkane: Cyclic8.193	*	720.000	J		
P3878-08	DCVY6	Solid	(DEL) Alkane: Cyclic9.698	*	300.000	J		
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain10.0	*	250.000	J		
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain10.1	*	130.000	J		
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain10.2	*	260.000	J		
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain10.8	*	150.000	J		
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain11.2	*	510.000	J		
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain11.6	*	370.000	J		
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain11.7	*	490.000	J		
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain14.0	*	610.000	J		
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain14.8	*	290.000	J		
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain15.2	*	720.000	J		
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain15.7	*	500.000	J		
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain16.2	*	1,200.000	J		
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain17.0	*	830.000	J		
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain17.5	*	340.000	J		
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain17.7	*	790.000	J		
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain18.4	*	660.000	J		
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain20.1	*	1,000.000	J		
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain21.6	*	830.000	J		

Hit Summary Sheet SW-846

SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain22.1 *	1,500.000	J			
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain22.2 *	1,200.000	J			
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain5.91 *	1,200.000	J			
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain6.4 *	460.000	J			
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain6.5 *	300.000	J			
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain6.7 *	390.000	J			
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain6.8 *	570.000	J			
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain6.9 *	810.000	J			
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain7.5 *	2,100.000	J			
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain7.7 *	300.000	J			
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain8.5 *	440.000	J			
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain8.6 *	800.000	J			
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain9.1 *	2,300.000	J			
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain9.8 *	750.000	J			
P3878-08	DCVY6	Solid	(DEL) Alkane: Straight-Chain9.9 *	420.000	J			
P3878-08	DCVY6	Solid	1-Hexanol, 2-ethyl- *	2,300.000	J			
P3878-08	DCVY6	Solid	1-Octadecanesulphonyl chloride *	710.000	J			
P3878-08	DCVY6	Solid	2-Heptanone, 4,6-dimethyl- *	670.000	J			
P3878-08	DCVY6	Solid	9H-Fluorene, 1-methyl- *	350.000	J			
P3878-08	DCVY6	Solid	Benzene, 1-ethyl-2,3-dimethyl- *	370.000	J			
P3878-08	DCVY6	Solid	Benzene, 1-ethyl-2-methyl- *	620.000	J			
P3878-08	DCVY6	Solid	Benzene, 1-methyl-3-propyl- *	900.000	J			
P3878-08	DCVY6	Solid	Benzene, 2-ethyl-1,4-dimethyl- *	420.000	J			
P3878-08	DCVY6	Solid	Benzene, 4-ethyl-1,2-dimethyl- *	270.000	J			
P3878-08	DCVY6	Solid	Benzene, propyl- *	480.000	J			
P3878-08	DCVY6	Solid	Butanoic acid, 2-hexenyl ester, (E) *	320.000	J			
P3878-08	DCVY6	Solid	Carbonic acid, 2-ethylhexyl octyl *	2,500.000	J			
P3878-08	DCVY6	Solid	Carbonic acid, eicosyl vinyl ester *	830.000	J			
P3878-08	DCVY6	Solid	Cyclohexanone, 3,3,5-trimethyl- *	780.000	J			
P3878-08	DCVY6	Solid	Dodecane, 1-iodo- *	900.000	J			
P3878-08	DCVY6	Solid	Hexadecanoic acid, methyl ester *	570.000	J			
P3878-08	DCVY6	Solid	Hexanal ethyl cis-3-hexenyl aceta *	1,100.000	J			
P3878-08	DCVY6	Solid	Hexylene glycol *	1,000.000	J			
P3878-08	DCVY6	Solid	Methyl stearate *	320.000	J			
P3878-08	DCVY6	Solid	Naphthalene, 1,3-dimethyl- *	610.000	J			
P3878-08	DCVY6	Solid	Naphthalene, 2,7-dimethyl- *	760.000	J			
P3878-08	DCVY6	Solid	o-Cymene *	550.000	J			
P3878-08	DCVY6	Solid	Propanoic acid, 2-methyl-, 2-ethyl *	470.000	J			
P3878-08	DCVY6	Solid	Propanoic acid, 2-methyl-, 2-meth *	570.000	J			
P3878-08	DCVY6	Solid	Propanoic acid, 2-methyl-, butyl e *	270.000	J			

Hit Summary Sheet SW-846

SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-08	DCVY6	Solid	unknown-01	* 610.000	J			
P3878-08	DCVY6	Solid	unknown-02	* 1,100.000	J			
P3878-08	DCVY6	Solid	unknown-03	* 810.000	J			
P3878-08	DCVY6	Solid	unknown-04	* 540.000	J			
P3878-08	DCVY6	Solid	unknown-05	* 360.000	J			
P3878-08	DCVY6	Solid	Total Alkanes	* 25,000.000		60	210	ug/Kg
Total Tics :				72,450.00				
P3878-08	DCVY6	Solid	1,1-Biphenyl	300.000		60	210	ug/Kg
P3878-08	DCVY6	Solid	1-Methylnaphthalene	2,600.000		51	210	ug/Kg
P3878-08	DCVY6	Solid	2,3,4,6-Tetrachlorophenol	21,000.000	E	46	210	ug/Kg
P3878-08	DCVY6	Solid	2,4,5-Trichlorophenol	130.000	J	52	210	ug/Kg
P3878-08	DCVY6	Solid	2,4,6-Trichlorophenol	120.000	J	53	210	ug/Kg
P3878-08	DCVY6	Solid	2-Methylnaphthalene	4,100.000	E	46	210	ug/Kg
P3878-08	DCVY6	Solid	Acenaphthene	110.000	J	51	210	ug/Kg
P3878-08	DCVY6	Solid	Bis(2-ethylhexyl)phthalate	72.000	J	55	210	ug/Kg
P3878-08	DCVY6	Solid	Fluorene	220.000		56	210	ug/Kg
P3878-08	DCVY6	Solid	Naphthalene	2,100.000		42	210	ug/Kg
P3878-08	DCVY6	Solid	Pentachlorophenol	93,000.000	E	110	410	ug/Kg
P3878-08	DCVY6	Solid	Phenanthrene	650.000		55	210	ug/Kg
Total Svoc :				124,402.00				
Total Concentration:				196,852.00				
Client ID : DCVY7								
P3878-09	DCVY7	Solid	Benzophenone	* 100.000	J			
P3878-09	DCVY7	Solid	Heptafluorobutyric acid, n-tetradecanoic	* 150.000	J			
P3878-09	DCVY7	Solid	n-Hexadecanoic acid	* 190.000	J			
P3878-09	DCVY7	Solid	Total Alkanes	* 0.000		57	200	ug/Kg
Total Tics :				440.00				
P3878-09	DCVY7	Solid	Pentachlorophenol	390.000		100	390	ug/Kg
Total Svoc :				390.00				
Total Concentration:				830.00				
Client ID : DCVY8								
P3878-10	DCVY8	Solid	(DEL) Alkane: Cyclic15.980	* 400.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain11.1	* 95.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain11.7	* 140.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain12.1	* 370.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain12.5	* 120.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain13.0	* 120.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain13.0	* 230.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain13.2	* 800.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain13.5	* 120.000	J			

Hit Summary Sheet SW-846

SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain14.0 *	230.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain14.4 *	1,100.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain15.0 *	540.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain15.2 *	1,300.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain15.7 *	760.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain15.8 *	310.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain16.2 *	2,100.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain16.2 *	890.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain16.4 *	240.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain16.6 *	200.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain16.7 *	160.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain17.0 *	1,600.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain17.0 *	1,200.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain17.4 *	250.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain17.7 *	1,600.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain18.0 *	160.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain18.1 *	140.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain18.4 *	1,400.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain19.0 *	1,200.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain19.2 *	170.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain20.1 *	670.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain20.6 *	590.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain21.1 *	1,200.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain21.6 *	420.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain22.2 *	480.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain22.5 *	260.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain23.7 *	230.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain7.51 *	1,000.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain8.6 *	310.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain9.11 *	1,200.000	J			
P3878-10	DCVY8	Solid	(DEL) Alkane: Straight-Chain9.9 *	100.000	J			
P3878-10	DCVY8	Solid	1-Hexanol, 2-ethyl-	520.000	J			
P3878-10	DCVY8	Solid	1-Methyldibenzothiophene	150.000	J			
P3878-10	DCVY8	Solid	1H-Cyclopropa[1]phenanthrene,1a	190.000	J			
P3878-10	DCVY8	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane	180.000	J			
P3878-10	DCVY8	Solid	2,8-Decadiyne	350.000	J			
P3878-10	DCVY8	Solid	2-Bromo dodecane	240.000	J			
P3878-10	DCVY8	Solid	9-Octadecenoic acid, (E)-	200.000	J			
P3878-10	DCVY8	Solid	Benzene, 1,2,4,5-tetramethyl-	93.000	J			
P3878-10	DCVY8	Solid	Benzene, 1-methyl-3-propyl-	400.000	J			

Hit Summary Sheet
SW-846

SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-10	DCVY8	Solid	Methyl stearate	*	210.000	J		
P3878-10	DCVY8	Solid	n-Hexadecanoic acid	*	790.000	J		
P3878-10	DCVY8	Solid	Naphthalene, 1,3-dimethyl-	*	450.000	J		
P3878-10	DCVY8	Solid	Naphthalene, 1,6,7-trimethyl-	*	600.000	J		
P3878-10	DCVY8	Solid	Naphthalene, 1,6-dimethyl-	*	250.000	J		
P3878-10	DCVY8	Solid	Naphthalene, 2,3,6-trimethyl-	*	320.000	J		
P3878-10	DCVY8	Solid	Naphthalene, 2,3-dimethyl-	*	460.000	J		
P3878-10	DCVY8	Solid	Octadecane, 1-iodo-	*	270.000	J		
P3878-10	DCVY8	Solid	Octadecanoic acid	*	160.000	J		
P3878-10	DCVY8	Solid	Phenanthrene, 1,7-dimethyl-	*	250.000	J		
P3878-10	DCVY8	Solid	Phenanthrene, 1-methyl-	*	300.000	J		
P3878-10	DCVY8	Solid	Phenanthrene, 2,5-dimethyl-	*	190.000	J		
P3878-10	DCVY8	Solid	Phenanthrene, 2-methyl-	*	250.000	J		
P3878-10	DCVY8	Solid	Sulfurous acid, butyl tetradecyl e	*	360.000	J		
P3878-10	DCVY8	Solid	Tridecanol, 2-ethyl-2-methyl-	*	190.000	J		
P3878-10	DCVY8	Solid	unknown-01	*	94.000	J		
P3878-10	DCVY8	Solid	unknown-02	*	130.000	J		
P3878-10	DCVY8	Solid	Total Alkanes	*	24,000.000	60	210	ug/Kg
Total Tics :				56,002.00				
P3878-10	DCVY8	Solid	1-Methylnaphthalene		210.000	51	210	ug/Kg
P3878-10	DCVY8	Solid	2,3,4,6-Tetrachlorophenol		4,300.000	E 46	210	ug/Kg
P3878-10	DCVY8	Solid	2-Methylnaphthalene		310.000	46	210	ug/Kg
P3878-10	DCVY8	Solid	Bis(2-ethylhexyl)phthalate		270.000	55	210	ug/Kg
P3878-10	DCVY8	Solid	Naphthalene		74.000	J 43	210	ug/Kg
P3878-10	DCVY8	Solid	Pentachlorophenol		38,000.000	E 110	410	ug/Kg
P3878-10	DCVY8	Solid	Phenanthrene		180.000	J 55	210	ug/Kg
Total Svoc :				43,344.00				
Total Concentration:				99,346.00				
Client ID : DCVY9								
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain10.(	*	120.000	J		
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain11.1	*	120.000	J		
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain11.6	*	150.000	J		
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain11.7	*	190.000	J		
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain12.1	*	370.000	J		
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain13.(	*	350.000	J		
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain14.(	*	350.000	J		
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain14.4	*	1,400.000	J		
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain15.(	*	750.000	J		
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain15.2	*	1,600.000	J		
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain15.7	*	1,100.000	J		

Hit Summary Sheet SW-846

SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain15.8 *	390.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain15.9 *	570.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain16.2 *	3,000.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain16.2 *	1,300.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain16.4 *	470.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain16.6 *	370.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain16.7 *	290.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain17.0 *	1,900.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain17.4 *	380.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain17.5 *	370.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain17.6 *	300.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain18.0 *	310.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain18.1 *	280.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain18.4 *	2,000.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain19.0 *	1,800.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain20.1 *	1,200.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain20.6 *	930.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain21.6 *	710.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain22.1 *	730.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain22.5 *	400.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain23.7 *	400.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain5.8 *	380.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain6.8 *	290.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain6.9 *	410.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain7.5 *	2,300.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain8.4 *	330.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain8.6 *	650.000	J			
P3878-11	DCVY9	Solid	(DEL) Alkane: Straight-Chain9.9 *	160.000	J			
P3878-11	DCVY9	Solid	1-Hexanol, 2-ethyl-	650.000	J			
P3878-11	DCVY9	Solid	1H-Cyclopropa[1]phenanthrene,1a *	610.000	J			
P3878-11	DCVY9	Solid	2-Methylindan-2-ol	590.000	J			
P3878-11	DCVY9	Solid	4-Methylnaphtho[1,2-b]thiophene *	370.000	J			
P3878-11	DCVY9	Solid	Benzene, 1,2,4,5-tetramethyl-	120.000	J			
P3878-11	DCVY9	Solid	Benzene, 1-ethyl-3-(1-methylethy *	120.000	J			
P3878-11	DCVY9	Solid	Benzene, 1-methyl-3-propyl-	640.000	J			
P3878-11	DCVY9	Solid	Benzene, 4-ethyl-1,2-dimethyl-	110.000	J			
P3878-11	DCVY9	Solid	Carbonic acid, 2-ethylhexyl nonyl *	2,300.000	J			
P3878-11	DCVY9	Solid	Carbonic acid, prop-1-en-2-yl trid *	2,600.000	J			
P3878-11	DCVY9	Solid	Dibenzothiophene, 4-methyl-	430.000	J			
P3878-11	DCVY9	Solid	Dodecane, 1-iodo-	2,200.000	J			

Hit Summary Sheet SW-846

SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-11	DCVY9	Solid	n-Hexadecanoic acid	*	1,500.000	J		
P3878-11	DCVY9	Solid	Naphthalene, 1,3-dimethyl-	*	600.000	J		
P3878-11	DCVY9	Solid	Naphthalene, 1,4,5-trimethyl-	*	310.000	J		
P3878-11	DCVY9	Solid	Naphthalene, 1,6,7-trimethyl-	*	990.000	J		
P3878-11	DCVY9	Solid	Naphthalene, 1,7-dimethyl-	*	480.000	J		
P3878-11	DCVY9	Solid	Naphthalene, 2,3,6-trimethyl-	*	570.000	J		
P3878-11	DCVY9	Solid	Naphthalene, 2,3-dimethyl-	*	900.000	J		
P3878-11	DCVY9	Solid	o-Cymene	*	330.000	J		
P3878-11	DCVY9	Solid	Oxalic acid, 2-ethylhexyl tetradec	*	970.000	J		
P3878-11	DCVY9	Solid	Phenanthrene, 1,7-dimethyl-	*	450.000	J		
P3878-11	DCVY9	Solid	Phenanthrene, 1-methyl-	*	550.000	J		
P3878-11	DCVY9	Solid	Phenanthrene, 2,5-dimethyl-	*	350.000	J		
P3878-11	DCVY9	Solid	Phenanthrene, 2-methyl-	*	340.000	J		
P3878-11	DCVY9	Solid	Tridecane, 1-iodo-	*	2,200.000	J		
P3878-11	DCVY9	Solid	unknown-01	*	210.000	J		
P3878-11	DCVY9	Solid	unknown-02	*	110.000	J		
P3878-11	DCVY9	Solid	unknown-03	*	670.000	J		
P3878-11	DCVY9	Solid	Total Alkanes	*	29,000.000	60	210	ug/Kg
Total Tics :				80,390.00				
P3878-11	DCVY9	Solid	1-Methylnaphthalene		490.000	51	210	ug/Kg
P3878-11	DCVY9	Solid	2,3,4,6-Tetrachlorophenol		6,200.000	E 46	210	ug/Kg
P3878-11	DCVY9	Solid	2-Methylnaphthalene		780.000	46	210	ug/Kg
P3878-11	DCVY9	Solid	Bis(2-ethylhexyl)phthalate		70.000	J 55	210	ug/Kg
P3878-11	DCVY9	Solid	Fluoranthene		55.000	J 55	210	ug/Kg
P3878-11	DCVY9	Solid	Fluorene		100.000	J 56	210	ug/Kg
P3878-11	DCVY9	Solid	Naphthalene		160.000	J 42	210	ug/Kg
P3878-11	DCVY9	Solid	Pentachlorophenol		49,000.000	E 110	410	ug/Kg
P3878-11	DCVY9	Solid	Phenanthrene		490.000	55	210	ug/Kg
P3878-11	DCVY9	Solid	Pyrene		65.000	J 55	210	ug/Kg
Total Svoc :				57,410.00				
Total Concentration:				137,800.00				
Client ID : DCVZ0								
P3878-12	DCVZ0	Solid	(DEL) Alkane: Cyclic12.151	*	220.000	J		
P3878-12	DCVZ0	Solid	(DEL) Alkane: Cyclic6.528	*	420.000	J		
P3878-12	DCVZ0	Solid	(DEL) Alkane: Cyclic8.181	*	380.000	J		
P3878-12	DCVZ0	Solid	(DEL) Alkane: Cyclic9.686	*	140.000	J		
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain10.(	*	130.000	J		
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain11.1	*	260.000	J		
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain12.1	*	520.000	J		
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain13.(	*	750.000	J		

Hit Summary Sheet SW-846

SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain15.2 *	2,100.000	J			
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain15.7 *	1,100.000	J			
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain16.2 *	1,300.000	J			
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain17.0 *	2,000.000	J			
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain17.7 *	2,300.000	J			
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain18.4 *	1,800.000	J			
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain19.0 *	2,500.000	J			
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain20.1 *	290.000	J			
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain5.90 *	1,100.000	J			
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain6.45 *	360.000	J			
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain6.78 *	280.000	J			
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain6.88 *	450.000	J			
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain6.92 *	660.000	J			
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain7.52 *	2,800.000	J			
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain8.48 *	380.000	J			
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain8.60 *	780.000	J			
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain9.12 *	2,600.000	J			
P3878-12	DCVZ0	Solid	(DEL) Alkane: Straight-Chain9.97 *	260.000	J			
P3878-12	DCVZ0	Solid	1-Hexanol, 2-ethyl-	2,000.000	J			
P3878-12	DCVZ0	Solid	2-Heptanone, 4,6-dimethyl-	400.000	J			
P3878-12	DCVZ0	Solid	2-Pentanone, 4-hydroxy-4-methyl *	370.000	A			
P3878-12	DCVZ0	Solid	9,9-Dimethyl-9-sila-9,10-dihydroj *	880.000	J			
P3878-12	DCVZ0	Solid	Benzene, 1,2,3-trimethyl-	380.000	J			
P3878-12	DCVZ0	Solid	Benzene, 1-ethyl-2-methyl-	510.000	J			
P3878-12	DCVZ0	Solid	Benzene, 1-ethyl-3-methyl-	550.000	J			
P3878-12	DCVZ0	Solid	Benzene, 2-ethyl-1,4-dimethyl-	560.000	J			
P3878-12	DCVZ0	Solid	Benzene, propyl-	380.000	J			
P3878-12	DCVZ0	Solid	Carbonic acid, 2-ethylhexyl octyl *	830.000	J			
P3878-12	DCVZ0	Solid	Carbonic acid, eicosyl vinyl ester *	2,800.000	J			
P3878-12	DCVZ0	Solid	Cyclohexanone, 3,3,5-trimethyl-	630.000	J			
P3878-12	DCVZ0	Solid	Dodecane, 1-iodo-	3,200.000	J			
P3878-12	DCVZ0	Solid	Hexadecanoic acid, methyl ester *	1,100.000	J			
P3878-12	DCVZ0	Solid	Hexylene glycol *	1,000.000	J			
P3878-12	DCVZ0	Solid	Mesitylene *	400.000	J			
P3878-12	DCVZ0	Solid	n-Hexadecanoic acid *	1,200.000	J			
P3878-12	DCVZ0	Solid	Naphthalene, 1,3-dimethyl-	760.000	J			
P3878-12	DCVZ0	Solid	Naphthalene, 1,6,7-trimethyl-	810.000	J			
P3878-12	DCVZ0	Solid	Naphthalene, 1,7-dimethyl-	950.000	J			
P3878-12	DCVZ0	Solid	Naphthalene, 2,3,6-trimethyl-	590.000	J			
P3878-12	DCVZ0	Solid	Naphthalene, 2,3-dimethyl-	640.000	J			

Hit Summary Sheet
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SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-12	DCVZ0	Solid	o-Cymene	*	450.000	J		
P3878-12	DCVZ0	Solid	Phenol, 2,3,5,6-tetrachloro-	*	710.000	J		
P3878-12	DCVZ0	Solid	Succinic acid, isohexyl tetrahydro	*	1,200.000	J		
P3878-12	DCVZ0	Solid	Sulfurous acid, 2-ethylhexyl nony	*	2,400.000	J		
P3878-12	DCVZ0	Solid	unknown-01	*	510.000	J		
P3878-12	DCVZ0	Solid	unknown-02	*	830.000	J		
P3878-12	DCVZ0	Solid	unknown-03	*	1,100.000	J		
P3878-12	DCVZ0	Solid	unknown-04	*	840.000	J		
P3878-12	DCVZ0	Solid	Total Alkanes	*	26,000.000		60	210 ug/Kg
Total Tics :				80,860.00				
P3878-12	DCVZ0	Solid	1,1-Biphenyl		160.000	J	60	210 ug/Kg
P3878-12	DCVZ0	Solid	1-Methylnaphthalene		1,100.000		51	210 ug/Kg
P3878-12	DCVZ0	Solid	2,3,4,6-Tetrachlorophenol		13,000.000	E	46	210 ug/Kg
P3878-12	DCVZ0	Solid	2,4,5-Trichlorophenol		77.000	J	52	210 ug/Kg
P3878-12	DCVZ0	Solid	2,4,6-Trichlorophenol		73.000	J	54	210 ug/Kg
P3878-12	DCVZ0	Solid	2-Methylnaphthalene		2,000.000		46	210 ug/Kg
P3878-12	DCVZ0	Solid	Acenaphthene		52.000	J	51	210 ug/Kg
P3878-12	DCVZ0	Solid	Fluorene		110.000	J	56	210 ug/Kg
P3878-12	DCVZ0	Solid	Naphthalene		830.000		42	210 ug/Kg
P3878-12	DCVZ0	Solid	Pentachlorophenol		69,000.000	E	110	410 ug/Kg
P3878-12	DCVZ0	Solid	Phenanthrene		340.000		55	210 ug/Kg
Total Svoc :				86,742.00				
Total Concentration:				167,602.00				
Client ID : DCVZ0DL								
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Cyclic6.522	*	2,600.000	JD		
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Cyclic8.169	*	2,500.000	JD		
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Cyclic9.822	*	1,700.000	JD		
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain12.1	*	4,400.000	JD		
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain13.2	*	5,800.000	JD		
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain13.5	*	2,700.000	JD		
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain14.4	*	7,200.000	JD		
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain15.0	*	1,700.000	JD		
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain15.7	*	2,700.000	JD		
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain16.2	*	6,100.000	JD		
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain16.2	*	2,200.000	JD		
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain17.0	*	4,100.000	JD		
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain17.0	*	3,100.000	JD		
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain17.7	*	3,900.000	JD		
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain18.4	*	3,100.000	JD		
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain19.0	*	4,500.000	JD		

Hit Summary Sheet SW-846

SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain20.1 *	1,800.000	JD			
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain5.8 *	7,000.000	JD			
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain6.3 *	3,000.000	JD			
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain6.4 *	2,300.000	JD			
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain6.8 *	3,300.000	JD			
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain6.9 *	4,400.000	JD			
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain7.5 *	29,000.000	JD			
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain8.4 *	2,300.000	JD			
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain8.6 *	5,100.000	JD			
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain9.1 *	26,000.000	JD			
P3878-12DL	DCVZ0DL	Solid	(DEL) Alkane: Straight-Chain9.9 *	2,100.000	JD			
P3878-12DL	DCVZ0DL	Solid	1,2-Cyclohexanediol, 1-methyl-, t *	2,400.000	JD			
P3878-12DL	DCVZ0DL	Solid	1-Hexanol, 2-ethyl- *	15,000.000	JD			
P3878-12DL	DCVZ0DL	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane *	2,800.000	JD			
P3878-12DL	DCVZ0DL	Solid	2-Heptanone, 4,6-dimethyl- *	3,300.000	JD			
P3878-12DL	DCVZ0DL	Solid	3-Octen-2-ol *	2,600.000	JD			
P3878-12DL	DCVZ0DL	Solid	Benzene, 1,2,3-trimethyl- *	3,000.000	JD			
P3878-12DL	DCVZ0DL	Solid	Benzene, 1,2,4-trimethyl- *	3,500.000	JD			
P3878-12DL	DCVZ0DL	Solid	Benzene, 1,3,5-trimethyl-2-(1-met *	2,000.000	JD			
P3878-12DL	DCVZ0DL	Solid	Benzene, 1-ethyl-2-methyl- *	3,300.000	JD			
P3878-12DL	DCVZ0DL	Solid	Benzene, 1-methyl-4-(2-methylpr *	5,600.000	JD			
P3878-12DL	DCVZ0DL	Solid	Benzene, 1-methyl-4-propyl- *	2,500.000	JD			
P3878-12DL	DCVZ0DL	Solid	Benzene, 2-ethyl-1,4-dimethyl- *	2,200.000	JD			
P3878-12DL	DCVZ0DL	Solid	Benzene, propyl- *	2,300.000	JD			
P3878-12DL	DCVZ0DL	Solid	Butanoic acid *	4,100.000	JD			
P3878-12DL	DCVZ0DL	Solid	Carbonic acid, bis(2-ethylhexyl) e *	4,700.000	JD			
P3878-12DL	DCVZ0DL	Solid	Cyanic acid, ethyl ester *	5,400.000	JD			
P3878-12DL	DCVZ0DL	Solid	Cyclohexanone, 3,3,5-trimethyl- *	4,000.000	JD			
P3878-12DL	DCVZ0DL	Solid	Hexadecanoic acid, methyl ester *	1,800.000	JD			
P3878-12DL	DCVZ0DL	Solid	Hexylene glycol *	9,100.000	JD			
P3878-12DL	DCVZ0DL	Solid	Mesitylene *	2,600.000	JD			
P3878-12DL	DCVZ0DL	Solid	Naphthalene, 1,6,7-trimethyl- *	2,400.000	JD			
P3878-12DL	DCVZ0DL	Solid	Naphthalene, 2,6-dimethyl- *	2,000.000	JD			
P3878-12DL	DCVZ0DL	Solid	o-Cymene *	2,900.000	JD			
P3878-12DL	DCVZ0DL	Solid	Oxalic acid, 2-ethylhexyl tetradec *	1,900.000	JD			
P3878-12DL	DCVZ0DL	Solid	Sulfurous acid, 2-ethylhexyl hexyl *	5,300.000	JD			
P3878-12DL	DCVZ0DL	Solid	unknown-01 *	5,200.000	JD			
P3878-12DL	DCVZ0DL	Solid	unknown-02 *	2,300.000	JD			
P3878-12DL	DCVZ0DL	Solid	unknown-03 *	1,800.000	JD			
P3878-12DL	DCVZ0DL	Solid	unknown-04 *	2,500.000	JD			

Hit Summary Sheet
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SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-12DL	DCVZ0DL	Solid	unknown-05	*	2,400.000	JD		
P3878-12DL	DCVZ0DL	Solid	Total Alkanes	*	140,000.000	D 1200	4200	ug/Kg
Total Tics :				395,500.00				
P3878-12DL	DCVZ0DL	Solid	1-Methylnaphthalene		1,400.000	JD 1000	4200	ug/Kg
P3878-12DL	DCVZ0DL	Solid	2,3,4,6-Tetrachlorophenol		19,000.000	D 920	4200	ug/Kg
P3878-12DL	DCVZ0DL	Solid	2-Methylnaphthalene		2,400.000	JD 920	4200	ug/Kg
P3878-12DL	DCVZ0DL	Solid	Naphthalene		1,000.000	JD 850	4200	ug/Kg
P3878-12DL	DCVZ0DL	Solid	Pentachlorophenol		230,000.000	ED 2200	8200	ug/Kg
Total Svoc :				253,800.00				
Total Concentration:				649,300.00				

Client ID : DCVZ1

P3878-13	DCVZ1	Solid	(DEL) Alkane: Cyclic6.169	*	390.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Cyclic6.528	*	570.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Cyclic8.192	*	430.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Cyclic9.692	*	240.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain10.6	*	210.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain10.8	*	150.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain11.2	*	410.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain11.6	*	320.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain11.7	*	430.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain12.1	*	660.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain13.6	*	350.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain14.6	*	470.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain14.4	*	790.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain15.6	*	290.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain15.3	*	620.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain15.7	*	420.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain15.8	*	200.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain16.2	*	2,700.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain17.6	*	2,100.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain17.7	*	2,000.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain18.4	*	1,700.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain19.6	*	2,300.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain20.1	*	380.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain5.91	*	1,200.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain6.28	*	240.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain6.45	*	480.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain6.75	*	360.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain6.85	*	530.000	J		
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain6.95	*	810.000	J		

Hit Summary Sheet
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SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain7.54 *	2,100.000	J			
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain7.73 *	280.000	J			
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain8.09 *	350.000	J			
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain8.45 *	440.000	J			
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain8.67 *	810.000	J			
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain9.14 *	2,300.000	J			
P3878-13	DCVZ1	Solid	(DEL) Alkane: Straight-Chain9.98 *	380.000	J			
P3878-13	DCVZ1	Solid	1-Hexanol, 2-ethyl-	*	2,100.000	J		
P3878-13	DCVZ1	Solid	2,8-Decadiyne	*	1,000.000	J		
P3878-13	DCVZ1	Solid	2-Heptanone, 4,6-dimethyl-	*	640.000	J		
P3878-13	DCVZ1	Solid	9,9-Dimethyl-9-sila-9,10-dihydro	*	1,000.000	J		
P3878-13	DCVZ1	Solid	9-Octadecenoic acid, (E)-	*	460.000	J		
P3878-13	DCVZ1	Solid	9H-Fluorene, 1-methyl-	*	800.000	J		
P3878-13	DCVZ1	Solid	Benzene, 1,2-diethyl-	*	270.000	J		
P3878-13	DCVZ1	Solid	Benzene, 1,3,5-trimethyl-2-(1-met	*	380.000	J		
P3878-13	DCVZ1	Solid	Benzene, 1-ethyl-2-methyl-	*	590.000	J		
P3878-13	DCVZ1	Solid	Benzene, 1-ethyl-3,5-dimethyl-	*	290.000	J		
P3878-13	DCVZ1	Solid	Benzene, 1-ethyl-3-methyl-	*	530.000	J		
P3878-13	DCVZ1	Solid	Benzene, 1-methyl-2-propyl-	*	860.000	J		
P3878-13	DCVZ1	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	400.000	J		
P3878-13	DCVZ1	Solid	Benzene, propyl-	*	480.000	J		
P3878-13	DCVZ1	Solid	Carbonic acid, decyl 2-ethylhexyl	*	790.000	J		
P3878-13	DCVZ1	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	660.000	J		
P3878-13	DCVZ1	Solid	Hexylene glycol	*	240.000	J		
P3878-13	DCVZ1	Solid	Mesitylene	*	490.000	J		
P3878-13	DCVZ1	Solid	Naphthalene, 1,3-dimethyl-	*	480.000	J		
P3878-13	DCVZ1	Solid	Naphthalene, 1,6,7-trimethyl-	*	500.000	J		
P3878-13	DCVZ1	Solid	Naphthalene, 2,7-dimethyl-	*	330.000	J		
P3878-13	DCVZ1	Solid	o-Cymene	*	540.000	J		
P3878-13	DCVZ1	Solid	Oxalic acid, 2-ethylhexyl tetradec	*	420.000	J		
P3878-13	DCVZ1	Solid	Oxalic acid, decyl 2-ethylhexyl es	*	210.000	J		
P3878-13	DCVZ1	Solid	Pentadecanoic acid, 14-methyl-, n	*	1,400.000	J		
P3878-13	DCVZ1	Solid	unknown-01	*	560.000	J		
P3878-13	DCVZ1	Solid	unknown-02	*	280.000	J		
P3878-13	DCVZ1	Solid	unknown-03	*	570.000	J		
P3878-13	DCVZ1	Solid	unknown-04	*	730.000	J		
P3878-13	DCVZ1	Solid	unknown-05	*	440.000	J		
P3878-13	DCVZ1	Solid	Total Alkanes	*	28,000.000	57	200	ug/Kg
			Total Tics :		74,850.00			
P3878-13	DCVZ1	Solid	1,1-Biphenyl		280.000	57	200	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BM091124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-13	DCVZ1	Solid	1-Methylnaphthalene	2,500.000		49	200	ug/Kg
P3878-13	DCVZ1	Solid	2,3,4,6-Tetrachlorophenol	19,000.000	E	44	200	ug/Kg
P3878-13	DCVZ1	Solid	2,4,5-Trichlorophenol	110.000	J	50	200	ug/Kg
P3878-13	DCVZ1	Solid	2,4,6-Trichlorophenol	130.000	J	51	200	ug/Kg
P3878-13	DCVZ1	Solid	2-Methylnaphthalene	3,900.000	E	44	200	ug/Kg
P3878-13	DCVZ1	Solid	Acenaphthene	91.000	J	49	200	ug/Kg
P3878-13	DCVZ1	Solid	Bis(2-ethylhexyl)phthalate	61.000	J	52	200	ug/Kg
P3878-13	DCVZ1	Solid	Fluorene	200.000		54	200	ug/Kg
P3878-13	DCVZ1	Solid	Naphthalene	2,000.000		40	200	ug/Kg
P3878-13	DCVZ1	Solid	Pentachlorophenol	86,000.000	E	100	390	ug/Kg
P3878-13	DCVZ1	Solid	Phenanthrene	610.000		52	200	ug/Kg
Total Svoc :				114,882.00				
Total Concentration:				189,732.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM

Case No.: BM091024

SAS No.: BM091024

SDG No.: BM091024

Instrument ID: _____

Calibration Date(s): 9/10/2024 : _____

Calibration Time(s): 17:23 _____

LAB FILE ID:		RRFAL1 = BM047465.D			RRFAL2 = BM047466.D		RRFAL3 = BM047467.D	
		RRFAL4 = BM047468.D			RRFAL5 = BM047469.D		RRFAL6 = BM047470.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.520	0.602	0.503	0.525	0.526		0.535	7.2
Benzaldehyde		1.187	1.134	1.095	0.824	0.722	0.992	20.7
Pyridine		1.717	1.502	1.641	1.662	1.656	1.636	4.9
Hexachloroethane	0.615	0.685	0.591	0.638	0.648		0.635	5.6
Nitrobenzene	0.343	0.409	0.367	0.403	0.408		0.386	7.7
Isophorone	0.696	0.814	0.725	0.797	0.816		0.770	7.2
2-Nitrophenol	0.130	0.168	0.160	0.186	0.200		0.169	15.8
2,4-Dimethylphenol	0.324	0.383	0.339	0.373	0.395		0.363	8.2
Bis(2-Chloroethoxy)methane	0.434	0.499	0.438	0.477	0.481		0.466	6.1
2,4-Dichlorophenol	0.260	0.308	0.281	0.318	0.338		0.301	10.3
Naphthalene	1.035	1.176	1.024	1.120	1.154		1.102	6.3
4-Chloroaniline		0.494	0.434	0.483	0.499	0.479	0.478	5.4
Hexachlorobutadiene	0.169	0.191	0.165	0.181	0.189		0.179	6.5
Phenol		1.956	1.725	1.906	2.006	2.057	1.930	6.6
Caprolactam		0.105	0.141	0.111	0.111	0.111	0.116	12.2
4-Chloro-3-methylphenol	0.293	0.355	0.318	0.355	0.373		0.339	9.6
1-Methylnaphthalene	0.708	0.802	0.707	0.785	0.824		0.765	7.1
2-Methylnaphthalene	0.701	0.794	0.696	0.775	0.821		0.757	7.4
Hexachlorocyclopentadiene		0.374	0.442	0.389	0.420	0.416	0.408	6.6
2,4,6-Trichlorophenol	0.302	0.362	0.338	0.394	0.425		0.364	13.1
2,4,5-Trichlorophenol	0.322	0.397	0.370	0.431	0.460		0.396	13.5
1,1-Biphenyl	1.445	1.661	1.446	1.633	1.697		1.576	7.7
2-Chloronaphthalene	1.122	1.280	1.114	1.245	1.284		1.209	7.0
2-Nitroaniline	0.279	0.354	0.334	0.391	0.401		0.352	13.9
Bis(2-Chloroethyl)ether		1.611	1.418	1.524	1.550	1.528	1.526	4.6
Dimethylphthalate	1.391	1.593	1.383	1.527	1.573		1.493	6.7
2,6-Dinitrotoluene	0.216	0.270	0.256	0.301	0.319		0.272	14.8
Acenaphthylene	1.742	2.030	1.768	2.001	2.046		1.918	7.8
3-Nitroaniline		0.301	0.298	0.338	0.319	0.335	0.318	5.8
Acenaphthene	1.239	1.448	1.256	1.409	1.459		1.362	7.8
2,4-Dinitrophenol		0.102	0.110	0.151	0.178	0.208	0.150	29.9
4-Nitrophenol		0.240	0.221	0.258	0.259	0.249	0.245	6.3
Dibenzofuran	1.665	1.886	1.630	1.807	1.864		1.771	6.6
2,4-Dinitrotoluene	0.297	0.396	0.373	0.438	0.458		0.392	16.0
Diethylphthalate	1.463	1.698	1.457	1.624	1.657		1.580	7.1
2-Chlorophenol	1.305	1.572	1.392	1.534	1.592		1.479	8.4

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.: BM091024SAS No.: BM091024SDG No.: BM091024

Instrument ID: _____

Calibration Date(s): 9/10/2024 :Calibration Time(s): 17:23

LAB FILE ID:		RRFAL1 = BM047465.D		RRFAL2 = BM047466.D		RRFAL3 = BM047467.D		
		RRFAL4 = BM047468.D		RRFAL5 = BM047469.D		RRFAL6 = BM047470.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.398	1.619	1.438	1.644	1.627		1.545	7.6
4-Chlorophenyl-phenylether	0.644	0.743	0.663	0.759	0.770		0.716	8.1
4-Nitroaniline		0.314	0.322	0.356	0.303	0.279	0.315	8.9
4,6-Dinitro-2-methylphenol		0.096	0.097	0.120	0.136	0.148	0.120	19.6
N-Nitrosodiphenylamine	0.565	0.660	0.577	0.641	0.666		0.622	7.6
1,2,4,5-Tetrachlorobenzene	0.525	0.606	0.541	0.621	0.675		0.594	10.3
4-Bromophenyl-phenylether	0.187	0.217	0.189	0.212	0.230		0.207	8.9
Hexachlorobenzene	0.219	0.250	0.215	0.241	0.257		0.236	7.9
Atrazine		0.222	0.197	0.220	0.238	0.215	0.218	6.8
Pentachlorophenol		0.130	0.123	0.149	0.166	0.177	0.149	15.3
2-Methylphenol		1.445	1.298	1.454	1.516	1.551	1.453	6.7
Phenanthrene	1.036	1.208	1.055	1.181	1.225		1.141	7.8
Pentachlorobenzene	0.270	0.304	0.260	0.291	0.312		0.287	7.8
Anthracene	1.046	1.229	1.072	1.205	1.224		1.155	7.7
1,2,3,4-Tetrachlorobenzene	0.261	0.303	0.268	0.301	0.322		0.291	8.9
Carbazole		1.152	1.002	1.115	1.136	0.876	1.056	11.1
Di-n-butylphthalate	1.222	1.463	1.309	1.466	1.349		1.362	7.7
Fluoranthene	1.253	1.459	1.274	1.448	1.435		1.374	7.4
Pyrene	1.357	1.587	1.377	1.548	1.453		1.464	6.9
Butylbenzylphthalate	0.564	0.684	0.620	0.710	0.764		0.668	11.7
3,3-Dichlorobenzidine		0.487	0.441	0.497	0.489	0.450	0.473	5.4
2,2-oxybis (1-Chloropropane)		2.439	2.104	2.269	2.259	2.111	2.237	6.2
Benzo (a) anthracene	1.304	1.532	1.341	1.493	1.473		1.429	7.0
Chrysene	1.223	1.404	1.239	1.370	1.354		1.318	6.2
Bis (2-ethylhexyl) phthalate	0.875	1.048	0.937	1.080	1.128		1.014	10.3
Di-n-octyl phthalate		1.561	1.417	1.686	1.852	1.472	1.598	10.9
Benzo (b) fluoranthene	1.123	1.332	1.170	1.347	1.447		1.284	10.4
Benzo (k) fluoranthene	1.109	1.306	1.163	1.320	1.407		1.261	9.7
Benzo (a) pyrene	1.040	1.224	1.089	1.251	1.293		1.179	9.2
Indeno (1,2,3-cd) pyrene	1.337	1.561	1.391	1.531	1.411		1.446	6.6
Dibenzo (a,h) anthracene	1.076	1.272	1.134	1.250	1.157		1.178	6.9
Benzo (g,h,i) perylene	1.035	1.209	1.071	1.170	1.040		1.105	7.2
Acetophenone		2.474	2.194	2.404	2.423	2.362	2.371	4.5
2,3,4,6-Tetrachlorophenol	0.247	0.305	0.283	0.329	0.360		0.305	14.2
1,4-Dioxane-d8	0.472	0.560	0.466	0.492	0.490		0.496	7.6
Pyridine-d5		1.624	1.436	1.589	1.634	1.639	1.584	5.4

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.: BM091024 SAS No.: BM091024 SDG No.: BM091024
Instrument ID: _____ Calibration Date(s): 9/10/2024 : _____
Calibration Time(s): 17:23 _____

LAB FILE ID:		RRFAL1 = BM047465.D			RRFAL2 = BM047466.D		RRFAL3 = BM047467.D	
		RRFAL4 = BM047468.D			RRFAL5 = BM047469.D		RRFAL6 = BM047470.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.870	1.663	1.855	1.955	2.031	1.875	7.3
Bis-(2-Chloroethyl)ether-d8		1.224	1.093	1.166	1.187	1.165	1.167	4.1
2-Chlorophenol-d4	1.254	1.509	1.336	1.484	1.556		1.428	8.9
4-Methylphenol-d8		1.462	1.332	1.489	1.539	1.546	1.474	5.9
Nitrobenzene-d5	0.133	0.160	0.144	0.165	0.171		0.154	10.0
2-Nitrophenol-d4	0.112	0.140	0.136	0.162	0.179		0.146	17.8
2,4-Dichlorophenol-d3	0.252	0.302	0.276	0.315	0.339		0.297	11.4
4-Chloroaniline-d4		0.501	0.437	0.487	0.508	0.494	0.486	5.8
4-Methylphenol		1.607	1.435	1.605	1.648	1.635	1.586	5.4
Dimethylphthalate-d6	1.368	1.554	1.352	1.510	1.567		1.470	7.0
Acenaphthylene-d8	1.613	1.857	1.625	1.859	1.915		1.774	8.1
4-Nitrophenol-d4		0.269	0.256	0.299	0.313	0.319	0.291	9.4
Fluorene-d10	1.173	1.343	1.155	1.314	1.367		1.270	7.8
4,6-Dinitro-2-methylphenol-		0.080	0.083	0.107	0.122	0.137	0.106	23.1
Anthracene-d10	0.874	1.018	0.895	0.994	1.035		0.963	7.6
Pyrene-d10	1.044	1.225	1.067	1.217	1.275		1.166	8.8
Benzo(a)pyrene-d12	0.919	1.099	0.982	1.126	1.189		1.063	10.4
N-Nitroso-di-n-propylamine	1.128	1.350	1.202	1.313	1.299		1.259	7.3

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM091124 SAS No.: BM091124 SDG NO.: BM091124

EPA Sample No.: SSTD020015 Date Analyzed: Sep 11 2024 12:00AM

Lab File ID: BM047467.D Time Analyzed: 09:26

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	398319	7.875	1.77192e+06	10.67	1.08484e+006	14.50
	UPPER LIMIT	796638	8.375	3543840	11.169	2169680	15.004
	LOWER LIMIT	199159.5	7.375	885960	10.169	542420	14.004
	EPA SAMPLE NO.						
01	SBLK193	388384	7.87	1.70375e	10.67	1.08721e	14.50
02	SBLK198	387750	7.87	1.71516e	10.67	1.1075e+	14.50
03	MDL-WATER-QT3-2024-05	405531	7.87	1.81987e	10.67	1.12145e	14.50
04	MDL-SOIL-QT3-2024-05	433794	7.87	1.95674e	10.67	1.21618e	14.50
05	MDL-MED-SOIL-QT3-2024-05	432521	7.87	1.95934e	10.67	1.21946e	14.50
06	SBLK275	390851	7.87	1.75499e	10.67	1.10534e	14.50
07	SBLK243	426409	7.87	1.89714e	10.67	1.20504e	14.50
08	DDC47	641714	7.89	2.05474e	10.69	1.6057e+	14.52
09	DDCJ0	573902	7.88	2.05249e	10.68	1.50429e	14.51
10	DDC46	754133	7.88	2.76994e	10.68	1.88981e	14.50
11	DCVZ0	734515	7.88	2.87466e	10.67	1.87916e	14.50
12	DCVY6	719344	7.88	2.41528e	10.68	1.90704e	14.51
13	DCVY9	741255	7.87	3.32796e	10.67	1.97198e	14.50
14	DCVZ1	735108	7.88	2.50584e	10.68	1.98712e	14.51
15	DCVY8	683726	7.87	3.07037e	10.67	1.84438e	14.50
16	DDC45	628203	7.87	2.84096e	10.67	1.84154e	14.50
17	DDC48	656062	7.87	2.95027e	10.66	1.89277e	14.50
18	DDC49	589394	7.87	2.65352e	10.66	1.7087e+	14.50
19	DCVY7	550607	7.87	2.4319e+	10.66	1.56802e	14.50
20	DCVZ0DL	458166	7.87	2.10563e	10.66	1.33161e	14.50

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM091124 SAS No.: BM091124 SDG NO.: BM091124

EPA Sample No.: SSTD020015 Date Analyzed: Sep 11 2024 12:00AM

Lab File ID: BM047467.D Time Analyzed: 23:14

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	398319	7.875	1.77192e+06	10.67	1.08484e+006	14.50
UPPER LIMIT	796638	8.375	3543840	11.169	2169680	15.004
LOWER LIMIT	199159.5	7.375	885960	10.169	542420	14.004
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM091124 SAS No.: BM091124 SDG NO.: BM091124

EPA Sample No.: SSTD020140 Date Analyzed: Sep 11 2024 12:00AM

Lab File ID: BM047473.D Time Analyzed: 09:26

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	399708	7.869	1.85771e+01	10.67	1.16338e+001	14.50
UPPER LIMIT	799416	8.369	3715420	11.169	2326760	14.998
LOWER LIMIT	199854	7.369	928855	10.169	581690	13.998
EPA SAMPLE NO.						
01 SBLK193	388384	7.87	1.70375e	10.67	1.08721e	14.50
02 SBLK198	387750	7.87	1.71516e	10.67	1.1075e+	14.50
03 MDL-WATER-QT3-2024-05	405531	7.87	1.81987e	10.67	1.12145e	14.50
04 MDL-SOIL-QT3-2024-05	433794	7.87	1.95674e	10.67	1.21618e	14.50
05 MDL-MED-SOIL-QT3-2024-05	432521	7.87	1.95934e	10.67	1.21946e	14.50
06 SBLK275	390851	7.87	1.75499e	10.67	1.10534e	14.50

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.: BM091124 SAS No.: BM091124 SDG NO.: BM091124

EPA Sample No.: SSTD020141 Date Analyzed: Sep 11 2024 12:00AM

Lab File ID: BM047480.D Time Analyzed: 14:41

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	397721	7.869	1.80563e+00	10.67	1.13401e+00	14.50
UPPER LIMIT	795442	8.369	3611260	11.169	2268020	14.998
LOWER LIMIT	198860.5	7.369	902815	10.169	567005	13.998
EPA SAMPLE NO.						
01 SBLK243	426409	7.87	1.89714e	10.67	1.20504e	14.50
02 DDC47	641714	7.89	2.05474e	10.69	1.6057e+	14.52
03 DDCJ0	573902	7.88	2.05249e	10.68	1.50429e	14.51
04 DDC46	754133	7.88	2.76994e	10.68	1.88981e	14.50
05 DCVZ0	734515	7.88	2.87466e	10.67	1.87916e	14.50
06 DCVY6	719344	7.88	2.41528e	10.68	1.90704e	14.51
07 DCVY9	741255	7.87	3.32796e	10.67	1.97198e	14.50
08 DCVZ1	735108	7.88	2.50584e	10.68	1.98712e	14.51
09 DCVY8	683726	7.87	3.07037e	10.67	1.84438e	14.50
10 DDC45	628203	7.87	2.84096e	10.67	1.84154e	14.50
11 DDC48	656062	7.87	2.95027e	10.66	1.89277e	14.50
12 DDC49	589394	7.87	2.65352e	10.66	1.7087e+	14.50
13 DCVY7	550607	7.87	2.4319e+	10.66	1.56802e	14.50
14 DCVZ0DL	458166	7.87	2.10563e	10.66	1.33161e	14.50

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.: BM091124 SAS No.: BM091124 SDG NO.: BM091124

EPA Sample No.: SSTD020015 Date Analyzed: Sep 11 2024 12:00AM

Lab File ID: BM047467.D Time Analyzed: 09:26

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	2.16417e+01	17.239	2.00873e+	21.468	2.27666e+01	24.521
	UPPER LIMIT	4328340	17.739	4017460	21.968	4553320	25.021
	LOWER LIMIT	1082085	16.739	1004365	20.968	1138330	24.021
	EPA SAMPLE NO.						
01	SBLK193	2.2059e	17.23	1.90763e+	21.46	1.95618e+	24.51
02	SBLK198	2.19955	17.23	1.90315e+	21.46	1.92243e+	24.51
03	MDL-WATER-QT3-2024-05	2.329e+	17.23	2.09753e+	21.46	2.01588e+	24.51
04	MDL-SOIL-QT3-2024-05	2.48203	17.23	2.11757e+	21.46	1.88658e+	24.51
05	MDL-MED-SOIL-QT3-2024-05	2.49165	17.23	2.11062e+	21.46	1.86311e+	24.51
06	SBLK275	2.19121	17.23	1.82737e+	21.46	1.77959e+	24.51
07	SBLK243	2.44108	17.23	2.05534e+	21.46	2.00864e+	24.51
08	DDC47	2.28121	17.29	1.71298e+	21.47	1.94353e+	24.52
09	DDCJ0	2.54846	17.26	1.71634e+	21.46	1.78925e+	24.51
10	DDC46	3.32901	17.26	2.33024e+	21.46	2.32219e+	24.51
11	DCVZ0	3.30738	17.26	2.33545e+	21.46	2.27083e+	24.51
12	DCVY6	3.10551	17.28	2.09698e+	21.46	2.21276e+	24.51
13	DCVY9	3.61147	17.25	2.78171e+	21.46	2.60237e+	24.51
14	DCVZ1	3.21801	17.27	2.1361e+0	21.46	2.27828e+	24.51
15	DCVY8	3.35325	17.25	2.54066e+	21.46	2.36526e+	24.50
16	DDC45	3.6833e	17.23	2.85671e+	21.46	2.50581e+	24.50
17	DDC48	3.86228	17.23	3.20848e+	21.46	2.86672e+	24.50
18	DDC49	3.46979	17.23	2.84714e+	21.46	2.56784e+	24.50
19	DCVY7	3.21775	17.23	2.7575e+0	21.46	2.48949e+	24.50
20	DCVZ0DL	2.65775	17.23	2.18681e+	21.46	2.0572e+0	24.50

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM091124 SAS No.: BM091124 SDG NO.: BM091124

EPA Sample No.: SSTD020015 Date Analyzed: Sep 11 2024 12:00AM

Lab File ID: BM047467.D Time Analyzed: 23:14

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	2.16417e+01	17.239	2.00873e+01	21.468	2.27666e+01	24.521
UPPER LIMIT	4328340	17.739	4017460	21.968	4553320	25.021
LOWER LIMIT	1082085	16.739	1004365	20.968	1138330	24.021
EPA SAMPLE NO.						

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

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

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

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM091124 SAS No.: BM091124 SDG NO.: BM091124

EPA Sample No.: SSTD020140 Date Analyzed: Sep 11 2024 12:00AM

Lab File ID: BM047473.D Time Analyzed: 09:26

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	2.32282e+01	17.233	2.08875e+	21.462	2.06356e+01	24.509
UPPER LIMIT	4645640	17.733	4177500	21.962	4127120	25.009
LOWER LIMIT	1161410	16.733	1044375	20.962	1031780	24.009
EPA SAMPLE NO.						
01 SBLK193	2.2059e	17.23	1.90763e+	21.46	1.95618e+	24.51
02 SBLK198	2.19955	17.23	1.90315e+	21.46	1.92243e+	24.51
03 MDL-WATER-QT3-2024-05	2.329e+	17.23	2.09753e+	21.46	2.01588e+	24.51
04 MDL-SOIL-QT3-2024-05	2.48203	17.23	2.11757e+	21.46	1.88658e+	24.51
05 MDL-MED-SOIL-QT3-2024-05	2.49165	17.23	2.11062e+	21.46	1.86311e+	24.51
06 SBLK275	2.19121	17.23	1.82737e+	21.46	1.77959e+	24.51

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.: BM091124 SAS No.: BM091124 SDG NO.: BM091124

EPA Sample No.: SSTD020141 Date Analyzed: Sep 11 2024 12:00AM

Lab File ID: BM047480.D Time Analyzed: 14:41

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	2.18678e+01	17.233	1.90578e+	21.462	1.66792e+01	24.509
UPPER LIMIT	4373560	17.733	3811560	21.962	3335840	25.009
LOWER LIMIT	1093390	16.733	952890	20.962	833960	24.009
EPA SAMPLE NO.						
01 SBLK243	2.44108	17.23	2.05534e+	21.46	2.00864e+	24.51
02 DDC47	2.28121	17.29	1.71298e+	21.47	1.94353e+	24.52
03 DDCJ0	2.54846	17.26	1.71634e+	21.46	1.78925e+	24.51
04 DDC46	3.32901	17.26	2.33024e+	21.46	2.32219e+	24.51
05 DCVZ0	3.30738	17.26	2.33545e+	21.46	2.27083e+	24.51
06 DCVY6	3.10551	17.28	2.09698e+	21.46	2.21276e+	24.51
07 DCVY9	3.61147	17.25	2.78171e+	21.46	2.60237e+	24.51
08 DCVZ1	3.21801	17.27	2.1361e+0	21.46	2.27828e+	24.51
09 DCVY8	3.35325	17.25	2.54066e+	21.46	2.36526e+	24.50
10 DDC45	3.6833e	17.23	2.85671e+	21.46	2.50581e+	24.50
11 DDC48	3.86228	17.23	3.20848e+	21.46	2.86672e+	24.50
12 DDC49	3.46979	17.23	2.84714e+	21.46	2.56784e+	24.50
13 DCVY7	3.21775	17.23	2.7575e+0	21.46	2.48949e+	24.50
14 DCVZ0DL	2.65775	17.23	2.18681e+	21.46	2.0572e+0	24.50

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.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK193

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM091124

SAS No.: BM091124 SDG NO.: BM091124

Lab File ID: BM047474.D

Lab Sample ID: PB163193BL

Instrument ID: BNA_M

Date Extracted: 09/05/2024

Matrix: (soil/water) Water

Date Analyzed: 09/11/2024

Level: (low/med) LOW

Time Analyzed: 09:26

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT3-2024-05	P3391-01	BM047476.D	09/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK198

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM091124

SAS No.: BM091124 SDG NO.: BM091124

Lab File ID: BM047475.D

Lab Sample ID: PB163198BL

Instrument ID: BNA_M

Date Extracted: 09/06/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/11/2024

Level: (low/med) LOW

Time Analyzed: 10:06

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-QT3-2024-05	P3391-03	BM047477.D	09/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK243

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM091124

SAS No.: BM091124 SDG NO.: BM091124

Lab File ID: BM047481.D

Lab Sample ID: PB163243BL

Instrument ID: BNA_M

Date Extracted: 09/09/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/11/2024

Level: (low/med) LOW

Time Analyzed: 14:41

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DDC47	P3878-03	BM047482.D	09/11/2024
DDCJ0	P3878-07	BM047483.D	09/11/2024
DDC46	P3878-02	BM047484.D	09/11/2024
DCVZ0	P3878-12	BM047485.D	09/11/2024
DCVY6	P3878-08	BM047486.D	09/11/2024
DCVY9	P3878-11	BM047487.D	09/11/2024
DCVZ1	P3878-13	BM047488.D	09/11/2024
DCVY8	P3878-10	BM047489.D	09/11/2024
DDC45	P3878-01	BM047490.D	09/11/2024
DDC48	P3878-04	BM047491.D	09/11/2024
DDC49	P3878-05	BM047492.D	09/11/2024
DCVY7	P3878-09	BM047493.D	09/11/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK275

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM091124

SAS No.: BM091124 SDG NO.: BM091124

Lab File ID: BM047479.D

Lab Sample ID: PB163275BL

Instrument ID: BNA_M

Date Extracted: 09/10/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/11/2024

Level: (low/med) MED

Time Analyzed: 13:10

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-QT3-2024-05	P3391-05	BM047478.D	09/11/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BM091124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3391-01	MDL-WATER-QT3BM047476.D		1,4-Dioxane-d8	8	4.85	61		15	120
			Pyridine-d5	40	23.45	59		20	120
			Phenol-d5	40	21.60	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.19	58		25	120
			2-Chlorophenol-d4	40	22.00	55		20	130
			4-Methylphenol-d8	40	19.91	50		25	125
			Nitrobenzene-d5	40	23.65	59		20	125
			2-Nitrophenol-d4	40	23.11	58		20	130
			2,4-Dichlorophenol-d3	40	21.00	52		20	120
			4-Chloroaniline-d4	40	20.07	50		1	146
			Dimethylphthalate-d6	40	22.25	56		25	130
			Acenaphthylene-d8	40	22.17	55		10	130
			4-Nitrophenol-d4	40	21.00	53		10	150
			Fluorene-d10	40	22.94	57		25	125
			4,6-Dinitro-2-methylphenol-d2	40	17.55	44		10	130
			Anthracene-d10	40	19.03	48		25	130
			Pyrene-d10	40	22.56	56		15	130
			Benzo(a)pyrene-d12	40	23.13	58		20	130
PB163193BL	PB163193BL	BM047474.D	1,4-Dioxane-d8	8	6.03	75		15	120
			Pyridine-d5	40	26.25	66		20	120
			Phenol-d5	40	25.37	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.49	69		25	120
			2-Chlorophenol-d4	40	27.01	68		20	130
			4-Methylphenol-d8	40	25.87	65		25	125
			Nitrobenzene-d5	40	29.62	74		20	125
			2-Nitrophenol-d4	40	29.35	73		20	130
			2,4-Dichlorophenol-d3	40	26.50	66		20	120
			4-Chloroaniline-d4	40	25.20	63		1	146
			Dimethylphthalate-d6	40	29.91	75		25	130
			Acenaphthylene-d8	40	28.22	71		10	130
			4-Nitrophenol-d4	40	26.14	65		10	150
			Fluorene-d10	40	29.43	74		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.51	59		10	130
			Anthracene-d10	40	30.09	75		25	130
			Pyrene-d10	40	32.08	80		15	130
			Benzo(a)pyrene-d12	40	30.17	75		20	130

Surrogate Summary

SW-846

SDG No.: BM091124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3391-03	MDL-SOIL-QT3-2(BM047477.D		1,4-Dioxane-d8	8	5.10	64		15	120
			Pyridine-d5	40	23.56	59		20	120
			Phenol-d5	40	21.64	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.96	57		10	150
			2-Chlorophenol-d4	40	22.39	56		15	120
			4-Methylphenol-d8	40	20.11	50		10	140
			Nitrobenzene-d5	40	23.69	59		10	135
			2-Nitrophenol-d4	40	23.10	58		10	120
			2,4-Dichlorophenol-d3	40	21.18	53		10	140
			4-Chloroaniline-d4	40	20.07	50		1	145
			Dimethylphthalate-d6	40	22.39	56		10	145
			Acenaphthylene-d8	40	22.03	55		15	120
			4-Nitrophenol-d4	40	20.82	52		10	150
			Fluorene-d10	40	23.03	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.02	45		10	130
			Anthracene-d10	40	19.16	48		10	150
			Pyrene-d10	40	23.48	59		10	130
			Benzo(a)pyrene-d12	40	23.51	59		10	140
PB163198BL	PB163198BL	BM047475.D	Pyridine-d5	40	25.51	64		20	120
			1,4-Dioxane-d8	8	5.95	74		15	120
			Phenol-d5	40	24.41	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.93	67		10	150
			2-Chlorophenol-d4	40	26.06	65		15	120
			4-Methylphenol-d8	40	24.65	62		10	140
			Nitrobenzene-d5	40	27.63	69		10	135
			2-Nitrophenol-d4	40	27.25	68		10	120
			2,4-Dichlorophenol-d3	40	24.77	62		10	140
			4-Chloroaniline-d4	40	24.13	60		1	145
			Dimethylphthalate-d6	40	27.51	69		10	145
			Acenaphthylene-d8	40	26.22	66		15	120
			4-Nitrophenol-d4	40	24.13	60		10	150
			Fluorene-d10	40	27.74	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.65	54		10	130
			Anthracene-d10	40	29.02	73		10	150
			Pyrene-d10	40	30.31	76		10	130
			Benzo(a)pyrene-d12	40	28.32	71		10	140

Surrogate Summary

SW-846

SDG No.: BM091124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3878-01	DDC45	BM047490.D	1,4-Dioxane-d8	8	2.35	29		15	120
			Pyridine-d5	40	5.03	13	*	20	120
			Phenol-d5	40	13.78	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.00	32		10	150
			2-Chlorophenol-d4	40	13.78	34		15	120
			4-Methylphenol-d8	40	15.03	38		10	140
			Nitrobenzene-d5	40	14.53	36		10	135
			2-Nitrophenol-d4	40	15.48	39		10	120
			2,4-Dichlorophenol-d3	40	15.53	39		10	140
			4-Chloroaniline-d4	40	15.30	38		1	145
			Dimethylphthalate-d6	40	17.20	43		10	145
			Acenaphthylene-d8	40	16.12	40		15	120
			4-Nitrophenol-d4	40	13.95	35		10	150
			Fluorene-d10	40	16.94	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.28	16		10	130
			Anthracene-d10	40	17.44	44		10	150
			Pyrene-d10	40	20.21	51		10	130
			Benzo(a)pyrene-d12	40	17.89	45		10	140
P3878-02	DDC46	BM047484.D	1,4-Dioxane-d8	8	3.41	43		15	120
			Pyridine-d5	40	16.64	42		20	120
			Phenol-d5	40	20.99	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.57	56		10	150
			2-Chlorophenol-d4	40	21.46	54		15	120
			4-Methylphenol-d8	40	29.95	75		10	140
			Nitrobenzene-d5	40	29.10	73		10	135
			2-Nitrophenol-d4	40	28.76	72		10	120
			2,4-Dichlorophenol-d3	40	26.47	66		10	140
			4-Chloroaniline-d4	40	23.03	58		1	145
			Dimethylphthalate-d6	40	23.49	59		10	145
			Acenaphthylene-d8	40	23.36	58		15	120
			4-Nitrophenol-d4	40	21.42	54		10	150
			Fluorene-d10	40	23.58	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	30.18	75		10	130
			Anthracene-d10	40	24.90	62		10	150
			Pyrene-d10	40	29.76	74		10	130
			Benzo(a)pyrene-d12	40	24.82	62		10	140
P3878-03	DDC47	BM047482.D	1,4-Dioxane-d8	8	2.85	36		15	120
			Pyridine-d5	40	14.26	36		20	120
			Phenol-d5	40	18.55	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	39.53	99		10	150
			2-Chlorophenol-d4	40	16.91	42		15	120
			4-Methylphenol-d8	40	43.55	109		10	140
			Nitrobenzene-d5	40	35.00	88		10	135
			2-Nitrophenol-d4	40	24.71	62		10	120
			2,4-Dichlorophenol-d3	40	22.35	56		10	140
			4-Chloroaniline-d4	40	32.79	82		1	145
			Dimethylphthalate-d6	40	15.58	39		10	145
			Acenaphthylene-d8	40	16.40	41		15	120
			4-Nitrophenol-d4	40	19.75	49		10	150

Surrogate Summary

SW-846

SDG No.: BM091124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3878-03	DDC47	BM047482.D	Fluorene-d10	40	15.85	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	57.21	143	*	10	130
			Anthracene-d10	40	18.05	45		10	150
			Pyrene-d10	40	20.77	52		10	130
			Benzo(a)pyrene-d12	40	17.32	43		10	140
P3878-04	DDC48	BM047491.D	1,4-Dioxane-d8	8	2.39	30		15	120
			Pyridine-d5	40	13.06	33		20	120
			Phenol-d5	40	13.78	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.43	34		10	150
			2-Chlorophenol-d4	40	14.28	36		15	120
			4-Methylphenol-d8	40	14.91	37		10	140
			Nitrobenzene-d5	40	14.85	37		10	135
			2-Nitrophenol-d4	40	16.04	40		10	120
			2,4-Dichlorophenol-d3	40	15.43	39		10	140
			4-Chloroaniline-d4	40	14.74	37		1	145
			Dimethylphthalate-d6	40	16.78	42		10	145
			Acenaphthylene-d8	40	15.97	40		15	120
			4-Nitrophenol-d4	40	12.36	31		10	150
			Fluorene-d10	40	16.68	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.08	18		10	130
			Anthracene-d10	40	17.01	43		10	150
			Pyrene-d10	40	18.79	47		10	130
			Benzo(a)pyrene-d12	40	17.44	44		10	140
P3878-05	DDC49	BM047492.D	1,4-Dioxane-d8	8	2.64	33		15	120
			Pyridine-d5	40	13.91	35		20	120
			Phenol-d5	40	13.99	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.12	35		10	150
			2-Chlorophenol-d4	40	15.12	38		15	120
			4-Methylphenol-d8	40	15.03	38		10	140
			Nitrobenzene-d5	40	15.40	38		10	135
			2-Nitrophenol-d4	40	16.25	41		10	120
			2,4-Dichlorophenol-d3	40	15.60	39		10	140
			4-Chloroaniline-d4	40	15.30	38		1	145
			Dimethylphthalate-d6	40	16.80	42		10	145
			Acenaphthylene-d8	40	15.94	40		15	120
			4-Nitrophenol-d4	40	11.17	28		10	150
			Fluorene-d10	40	16.80	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.83	12		10	130
			Anthracene-d10	40	17.37	43		10	150
			Pyrene-d10	40	19.14	48		10	130
			Benzo(a)pyrene-d12	40	17.62	44		10	140
P3878-07	DDCJ0	BM047483.D	Pyridine-d5	40	11.30	28		20	120
			1,4-Dioxane-d8	8	3.44	43		15	120
			Phenol-d5	40	18.53	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.20	85		10	150
			2-Chlorophenol-d4	40	20.00	50		15	120
			4-Methylphenol-d8	40	32.29	81		10	140
			Nitrobenzene-d5	40	29.18	73		10	135
			2-Nitrophenol-d4	40	25.18	63		10	120

Surrogate Summary

SW-846

SDG No.: BM091124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3878-07	DDCJ0	BM047483.D	2,4-Dichlorophenol-d3	40	24.00	60		10	140
			4-Chloroaniline-d4	40	32.40	81		1	145
			Dimethylphthalate-d6	40	18.89	47		10	145
			Acenaphthylene-d8	40	18.97	47		15	120
			4-Nitrophenol-d4	40	54.25	136		10	150
			Fluorene-d10	40	19.21	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.10	43		10	130
			Anthracene-d10	40	20.70	52		10	150
			Pyrene-d10	40	24.04	60		10	130
			Benzo(a)pyrene-d12	40	20.27	51		10	140
P3878-08	DCVY6	BM047486.D	1,4-Dioxane-d8	8	2.50	31		15	120
			Pyridine-d5	40	10.94	27		20	120
			Phenol-d5	40	13.50	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.76	69		10	150
			2-Chlorophenol-d4	40	14.14	35		15	120
			4-Methylphenol-d8	40	29.05	73		10	140
			Nitrobenzene-d5	40	24.62	62		10	135
			2-Nitrophenol-d4	40	20.08	50		10	120
			2,4-Dichlorophenol-d3	40	18.48	46		10	140
			4-Chloroaniline-d4	40	23.80	60		1	145
			Dimethylphthalate-d6	40	13.19	33		10	145
			Acenaphthylene-d8	40	13.32	33		15	120
			4-Nitrophenol-d4	40	9.61	24		10	150
			Fluorene-d10	40	13.60	34		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.21	21		10	130
			Anthracene-d10	40	14.02	35		10	150
			Pyrene-d10	40	16.84	42		10	130
			Benzo(a)pyrene-d12	40	14.07	35		10	140
P3878-09	DCVY7	BM047493.D	1,4-Dioxane-d8	8	2.68	34		15	120
			Pyridine-d5	40	13.86	35		20	120
			Phenol-d5	40	14.34	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.77	34		10	150
			2-Chlorophenol-d4	40	14.91	37		15	120
			4-Methylphenol-d8	40	15.07	38		10	140
			Nitrobenzene-d5	40	15.43	39		10	135
			2-Nitrophenol-d4	40	16.20	41		10	120
			2,4-Dichlorophenol-d3	40	15.63	39		10	140
			4-Chloroaniline-d4	40	15.10	38		1	145
			Dimethylphthalate-d6	40	16.81	42		10	145
			Acenaphthylene-d8	40	16.09	40		15	120
			4-Nitrophenol-d4	40	12.64	32		10	150
			Fluorene-d10	40	16.92	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.38	16		10	130
			Anthracene-d10	40	17.33	43		10	150
			Pyrene-d10	40	18.78	47		10	130
			Benzo(a)pyrene-d12	40	17.52	44		10	140
P3878-10	DCVY8	BM047489.D	1,4-Dioxane-d8	8	2.49	31		15	120
			Pyridine-d5	40	14.50	36		20	120
			Phenol-d5	40	14.93	37		10	130

Surrogate Summary

SW-846

SDG No.: BM091124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3878-10	DCVY8	BM047489.D	Bis(2-Chloroethyl)ether-d8	40	14.95	37		10	150
			2-Chlorophenol-d4	40	16.38	41		15	120
			4-Methylphenol-d8	40	16.83	42		10	140
			Nitrobenzene-d5	40	16.70	42		10	135
			2-Nitrophenol-d4	40	18.00	45		10	120
			2,4-Dichlorophenol-d3	40	17.35	43		10	140
			4-Chloroaniline-d4	40	16.10	40		1	145
			Dimethylphthalate-d6	40	18.05	45		10	145
			Acenaphthylene-d8	40	17.82	45		15	120
			4-Nitrophenol-d4	40	10.39	26		10	150
			Fluorene-d10	40	17.73	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.23	13		10	130
			Anthracene-d10	40	19.00	47		10	150
			Pyrene-d10	40	22.21	56		10	130
			Benzo(a)pyrene-d12	40	19.15	48		10	140
P3878-11	DCVY9	BM047487.D	1,4-Dioxane-d8	8	2.07	26		15	120
			Pyridine-d5	40	9.16	23		20	120
			Phenol-d5	40	13.00	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.94	32		10	150
			2-Chlorophenol-d4	40	13.42	34		15	120
			4-Methylphenol-d8	40	15.63	39		10	140
			Nitrobenzene-d5	40	13.77	34		10	135
			2-Nitrophenol-d4	40	14.37	36		10	120
			2,4-Dichlorophenol-d3	40	14.34	36		10	140
			4-Chloroaniline-d4	40	12.70	32		1	145
			Dimethylphthalate-d6	40	15.11	38		10	145
			Acenaphthylene-d8	40	14.95	37		15	120
			4-Nitrophenol-d4	40	12.23	31		10	150
			Fluorene-d10	40	15.14	38		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.89	20		10	130
			Anthracene-d10	40	16.22	41		10	150
			Pyrene-d10	40	18.80	47		10	130
P3878-12	DCVZ0	BM047485.D	Benzo(a)pyrene-d12	40	16.30	41		10	140
			1,4-Dioxane-d8	8	3.34	42		15	120
			Pyridine-d5	40	12.37	31		20	120
			Phenol-d5	40	20.18	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.08	53		10	150
			2-Chlorophenol-d4	40	20.80	52		15	120
			4-Methylphenol-d8	40	26.36	66		10	140
			Nitrobenzene-d5	40	25.79	64		10	135
			2-Nitrophenol-d4	40	26.27	66		10	120
			2,4-Dichlorophenol-d3	40	23.68	59		10	140
			4-Chloroaniline-d4	40	17.93	45		1	145
			Dimethylphthalate-d6	40	21.91	55		10	145
			Acenaphthylene-d8	40	21.75	54		15	120
			4-Nitrophenol-d4	40	21.72	54		10	150
			Fluorene-d10	40	21.95	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.51	36		10	130
			Anthracene-d10	40	23.22	58		10	150

Surrogate Summary

SW-846

SDG No.: **BM091124**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3878-12	DCVZ0	BM047485.D	Pyrene-d10	40	27.67	69		10	130
			Benzo(a)pyrene-d12	40	23.45	59		10	140
P3878-12DL	DCVZ0DL	BM047494.D	1,4-Dioxane-d8	8	4.56	57		15	120
			Pyridine-d5	40	15.60	39		20	120
			Phenol-d5	40	25.00	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.58	79		10	150
			2-Chlorophenol-d4	40	26.32	66		15	120
			4-Methylphenol-d8	40	33.82	85		10	140
			Nitrobenzene-d5	40	30.66	77		10	135
			2-Nitrophenol-d4	40	23.98	60		10	120
			2,4-Dichlorophenol-d3	40	26.34	66		10	140
			4-Chloroaniline-d4	40	28.24	71		1	145
			Dimethylphthalate-d6	40	28.98	72		10	145
			Acenaphthylene-d8	40	27.98	70		15	120
			4-Nitrophenol-d4	40	25.34	63		10	150
			Fluorene-d10	40	29.94	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.74	24		10	130
			Anthracene-d10	40	30.22	76		10	150
			Pyrene-d10	40	33.32	83		10	130
			Benzo(a)pyrene-d12	40	27.38	68		10	140
P3878-13	DCVZ1	BM047488.D	1,4-Dioxane-d8	8	3.53	44		15	120
			Pyridine-d5	40	12.89	32		20	120
			Phenol-d5	40	19.32	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.86	82		10	150
			2-Chlorophenol-d4	40	21.24	53		15	120
			4-Methylphenol-d8	40	34.26	86		10	140
			Nitrobenzene-d5	40	33.87	85		10	135
			2-Nitrophenol-d4	40	30.46	76		10	120
			2,4-Dichlorophenol-d3	40	27.91	70		10	140
			4-Chloroaniline-d4	40	28.45	71		1	145
			Dimethylphthalate-d6	40	20.06	50		10	145
			Acenaphthylene-d8	40	20.24	51		15	120
			4-Nitrophenol-d4	40	15.54	39		10	150
			Fluorene-d10	40	20.40	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.35	31		10	130
			Anthracene-d10	40	21.74	54		10	150
			Pyrene-d10	40	26.24	66		10	130
			Benzo(a)pyrene-d12	40	21.94	55		10	140
PB163243BL	PB163243BL	BM047481.D	Pyridine-d5	40	23.62	59		20	120
			1,4-Dioxane-d8	8	5.29	66		15	120
			Phenol-d5	40	22.00	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.90	62		10	150
			2-Chlorophenol-d4	40	23.15	58		15	120
			4-Methylphenol-d8	40	22.29	56		10	140
			Nitrobenzene-d5	40	24.62	62		10	135
			2-Nitrophenol-d4	40	24.14	60		10	120
			2,4-Dichlorophenol-d3	40	21.93	55		10	140
			4-Chloroaniline-d4	40	21.24	53		1	145
			Dimethylphthalate-d6	40	24.83	62		10	145

Surrogate Summary

SW-846

SDG No.: BM091124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163243BL	PB163243BL	BM047481.D	Acenaphthylene-d8	40	24.10	60		15	120
			4-Nitrophenol-d4	40	21.20	53		10	150
			Fluorene-d10	40	24.82	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.32	46		10	130
			Anthracene-d10	40	25.56	64		10	150
			Pyrene-d10	40	27.67	69		10	130
			Benzo(a)pyrene-d12	40	25.16	63		10	140

Surrogate Summary

SW-846

SDG No.: BM091124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3391-05	MDL-MED-SOIL-(BM047478.D		Pyridine-d5	40	23.64	59		20	120
			1,4-Dioxane-d8	8	4.98	62		15	120
			Phenol-d5	40	21.96	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.45	59		10	150
			2-Chlorophenol-d4	40	22.47	56		15	120
			4-Methylphenol-d8	40	20.29	51		10	140
			Nitrobenzene-d5	40	23.64	59		10	135
			2-Nitrophenol-d4	40	23.36	58		10	120
			2,4-Dichlorophenol-d3	40	21.25	53		10	140
			4-Chloroaniline-d4	40	20.46	51		1	145
			Dimethylphthalate-d6	40	22.42	56		10	145
			Acenaphthylene-d8	40	22.15	55		15	120
			4-Nitrophenol-d4	40	21.15	53		10	150
			Fluorene-d10	40	23.01	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.88	45		10	130
			Anthracene-d10	40	19.15	48		10	150
			Pyrene-d10	40	23.65	59		10	130
			Benzo(a)pyrene-d12	40	23.32	58		10	140
PB163275BL	PB163275BL	BM047479.D	1,4-Dioxane-d8	8	5.93	74		15	120
			Pyridine-d5	40	26.10	65		20	120
			Phenol-d5	40	24.79	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.69	69		10	150
			2-Chlorophenol-d4	40	26.09	65		15	120
			4-Methylphenol-d8	40	25.01	63		10	140
			Nitrobenzene-d5	40	27.70	69		10	135
			2-Nitrophenol-d4	40	27.36	68		10	120
			2,4-Dichlorophenol-d3	40	24.70	62		10	140
			4-Chloroaniline-d4	40	23.73	59		1	145
			Dimethylphthalate-d6	40	27.82	70		10	145
			Acenaphthylene-d8	40	26.82	67		15	120
			4-Nitrophenol-d4	40	23.73	59		10	150
			Fluorene-d10	40	27.81	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.04	53		10	130
			Anthracene-d10	40	29.15	73		10	150
			Pyrene-d10	40	31.69	79		10	130
			Benzo(a)pyrene-d12	40	28.78	72		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM091124

Lab Code: CHEM

SAS No.: BM091124 SDG NO.: BM091124

Lab File ID: BM047472.D

DFTPP Injection Date: 09/11/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:05

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.8
68	Less than 2.0% of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	40
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	49.9
197	Less than 2.0% of mass 198	0.5
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	23.6
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	9.6
442	Greater than 50% of mass 198	60.8
443	15.0 - 24.0% of mass 442	11.7 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020140	SSTDCCC020	BM047473.D	09/11/2024	08:47
SBLK193	PB163193BL	BM047474.D	09/11/2024	09:26
SBLK198	PB163198BL	BM047475.D	09/11/2024	10:06
MDL-WATER-QT3-2024-05	P3391-01	BM047476.D	09/11/2024	11:04
MDL-SOIL-QT3-2024-05	P3391-03	BM047477.D	09/11/2024	11:51
MDL-MED-SOIL-QT3-2024-05	P3391-05	BM047478.D	09/11/2024	12:31
SBLK275	PB163275BL	BM047479.D	09/11/2024	13:10
SSTD020141	SSTDCCC020	BM047480.D	09/11/2024	14:02
SBLK243	PB163243BL	BM047481.D	09/11/2024	14:41
DDC47	P3878-03	BM047482.D	09/11/2024	15:21
DDCJ0	P3878-07	BM047483.D	09/11/2024	16:00
DDC46	P3878-02	BM047484.D	09/11/2024	16:40
DCVZ0	P3878-12	BM047485.D	09/11/2024	17:19
DCVY6	P3878-08	BM047486.D	09/11/2024	17:59
DCVY9	P3878-11	BM047487.D	09/11/2024	18:38
DCVZ1	P3878-13	BM047488.D	09/11/2024	19:18
DCVY8	P3878-10	BM047489.D	09/11/2024	19:57
DDC45	P3878-01	BM047490.D	09/11/2024	20:37

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM091124

Lab Code: CHEM

SAS No.: BM091124 SDG NO.: BM091124

Lab File ID: BM047472.D

DFTPP Injection Date: 09/11/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:05

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.8
68	Less than 2.0% of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	40
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	49.9
197	Less than 2.0% of mass 198	0.5
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	23.6
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	9.6
442	Greater than 50% of mass 198	60.8
443	15.0 - 24.0% of mass 442	11.7 (19.2) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
DDC48	P3878-04	BM047491.D	09/11/2024	21:16
DDC49	P3878-05	BM047492.D	09/11/2024	21:56
DCVY7	P3878-09	BM047493.D	09/11/2024	22:35
DCVZ0DL	P3878-12DL	BM047494.D	09/11/2024	23:14
SSTD020142	SSTDCCC020EC	BM047495.D	09/12/2024	00:33