

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM100224 SAS No.: BM100224 SDG No.: BM100224

Instrument ID: BNA_M Calibration Date/Time: 10/2/2024 1:15:19

Lab File ID: BM047777.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020156 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.676	0.509	0.010	-24.7557	40.0
Benzaldehyde	1.028	1.076	0.010	4.6668	40.0
Pyridine	1.908	1.543	0.010	-19.1008	40.0
Phenol	2.012	1.822	0.080	-9.4797	20.0
Bis(2-Chloroethyl)ether	1.603	1.444	0.100	-9.9718	20.0
2-Chlorophenol	1.458	1.480	0.200	1.5139	20.0
2-Methylphenol	1.403	1.373	0.010	-2.1656	20.0
2,2-oxybis(1-Chloropropane)	3.018	2.194	0.010	-27.3214	40.0
Acetophenone	2.406	2.324	0.060	-3.3976	20.0
4-Methylphenol	1.577	1.549	0.010	-1.7523	20.0
N-Nitroso-di-n-propylamine	1.274	1.189	0.050	-6.6714	30.0
Hexachloroethane	0.655	0.618	0.100	-5.6056	20.0
Nitrobenzene	0.452	0.387	0.050	-14.4663	25.0
Isophorone	0.809	0.765	0.050	-5.4781	25.0
2-Nitrophenol	0.175	0.193	0.050	10.8227	25.0
2,4-Dimethylphenol	0.374	0.356	0.050	-4.8055	25.0
Bis(2-Chloroethoxy)methane	0.495	0.458	0.050	-7.4288	20.0
2,4-Dichlorophenol	0.315	0.339	0.060	7.6835	20.0
Naphthalene	1.150	1.118	0.200	-2.8511	20.0
4-Chloroaniline	0.464	0.457	0.010	-1.5123	40.0
Hexachlorobutadiene	0.208	0.210	0.040	0.7886	30.0
Caprolactam	0.101	0.131	0.010	30.0414	40.0
4-Chloro-3-methylphenol	0.326	0.357	0.040	9.5918	25.0
1-Methylnaphthalene	0.744	0.778	0.100	4.5976	20.0
2-Methylnaphthalene	0.731	0.769	0.100	5.2578	20.0
Hexachlorocyclopentadiene	0.394	0.333	0.010	-15.3442	40.0
2,4,6-Trichlorophenol	0.377	0.408	0.090	8.4371	25.0
2,4,5-Trichlorophenol	0.412	0.437	0.100	6.072	25.0
1,1-Biphenyl	1.601	1.501	0.200	-6.2474	20.0
2-Chloronaphthalene	1.238	1.166	0.300	-5.8741	20.0
2-Nitroaniline	0.393	0.342	0.050	-13.0439	40.0
Dimethylphthalate	1.468	1.488	0.300	1.3292	20.0
2,6-Dinitrotoluene	0.258	0.293	0.080	13.4738	30.0
Acenaphthylene	1.939	1.869	0.400	-3.6071	20.0
3-Nitroaniline	0.312	0.328	0.010	5.0647	40.0
Acenaphthene	1.371	1.289	0.200	-5.9628	20.0
2,4-Dinitrophenol	0.159	0.180	0.010	12.9282	40.0
4-Nitrophenol	0.242	0.218	0.010	-9.9076	40.0
Dibenzofuran	1.845	1.776	0.300	-3.7446	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM100224 SAS No.: BM100224 SDG No.: BM100224

Instrument ID: BNA_M Calibration Date/Time: 10/2/2024 1:15:19

Lab File ID: BM047777.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020156 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.387	0.438	0.070	13.0002	30.0
Diethylphthalate	1.469	1.503	0.300	2.3037	20.0
Fluorene	1.539	1.448	0.200	-5.9458	20.0
4-Chlorophenyl-phenylether	0.727	0.706	0.100	-2.9127	20.0
4-Nitroaniline	0.303	0.337	0.010	11.2713	40.0
4,6-Dinitro-2-methylphenol	0.130	0.127	0.010	-2.2351	40.0
N-Nitrosodiphenylamine	0.623	0.594	0.050	-4.7042	20.0
1,2,4,5-Tetrachlorobenzene	0.651	0.610	0.100	-6.2403	20.0
4-Bromophenyl-phenylether	0.206	0.211	0.070	2.1542	20.0
Hexachlorobenzene	0.240	0.247	0.050	3.1056	25.0
Atrazine	0.207	0.217	0.010	4.4964	25.0
Pentachlorophenol	0.153	0.168	0.010	9.8501	40.0
Phenanthrene	1.173	1.101	0.200	-6.1333	20.0
Pentachlorobenzene	0.323	0.303	0.050	-6.1955	20.0
Anthracene	1.196	1.127	0.200	-5.8048	20.0
1,2,3,4-Tetrachlorobenzene	0.331	0.304	0.050	-8.1132	20.0
Carbazole	1.084	1.015	0.050	-6.422	40.0
Di-n-butylphthalate	1.207	1.311	0.500	8.6071	25.0
Fluoranthene	1.337	1.405	0.400	5.0927	25.0
Pyrene	1.488	1.495	0.400	0.452	25.0
Butylbenzylphthalate	0.526	0.633	0.100	20.3091	40.0
3,3-Dichlorobenzidine	0.423	0.430	0.010	1.7872	40.0
Benzo (a) anthracene	1.400	1.410	0.300	0.6808	30.0
Chrysene	1.365	1.337	0.200	-2.0922	30.0
Bis(2-ethylhexyl)phthalate	0.790	0.961	0.200	21.6579	40.0
Di-n-octyl phthalate	1.290	1.455	0.010	12.7696	40.0
Benzo (b) fluoranthene	1.247	1.241	0.200	-0.5069	25.0
Benzo (k) fluoranthene	1.275	1.231	0.200	-3.5071	25.0
Benzo (a) pyrene	1.185	1.146	0.200	-3.2228	20.0
Indeno (1,2,3-cd) pyrene	1.518	1.437	0.200	-5.3259	25.0
Dibenzo (a,h) anthracene	1.244	1.170	0.200	-5.9492	30.0
Benzo (g,h,i) perylene	1.189	1.119	0.200	-5.9497	30.0
2,3,4,6-Tetrachlorophenol	0.325	0.373	0.040	14.7745	20.0
1,4-Dioxane-d8	0.619	0.472	0.010	-23.7248	25.0
Pyridine-d5	1.812	1.502	0.010	-17.1299	40.0
Phenol-d5	1.891	1.763	0.010	-6.7708	25.0
Bis- (2-Chloroethyl) ether-d8	1.342	1.078	0.050	-19.6764	25.0
2-Chlorophenol-d4	1.376	1.440	0.200	4.6581	20.0
4-Methylphenol-d8	1.406	1.406	0.010	-0.0376	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM100224 SAS No.: BM100224 SDG No.: BM100224

Instrument ID: BNA_M Calibration Date/Time: 10/2/2024 1:15:19

Lab File ID: BM047777.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020156 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.165	0.050	3.6845	20.0
2-Nitrophenol-d4	0.153	0.176	0.050	15.5931	30.0
2,4-Dichlorophenol-d3	0.305	0.338	0.060	10.9488	20.0
4-Chloroaniline-d4	0.471	0.470	0.010	-0.1951	40.0
Dimethylphthalate-d6	1.450	1.481	0.300	2.1685	20.0
Acenaphthylene-d8	1.719	1.698	0.400	-1.2098	20.0
4-Nitrophenol-d4	0.289	0.283	0.010	-1.8414	40.0
Fluorene-d10	1.256	1.258	0.100	0.1333	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.115	0.010	-1.637	40.0
Anthracene-d10	0.983	0.950	0.300	-3.4322	20.0
Pyrene-d10	1.135	1.202	0.300	5.8982	25.0
Benzo(a)pyrene-d12	1.038	1.053	0.010	1.473	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.: BM100224 SAS No.: BM100224 SDG No.: BM100224

Instrument ID: BNA_M Calibration Date/Time: 10/3/2024 1:01:09

Lab File ID: BM047791.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020157 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.676	0.535	0.010	-20.8105	40.0
Benzaldehyde	1.028	1.092	0.010	6.2166	40.0
Pyridine	1.908	1.572	0.010	-17.5899	40.0
Phenol	2.012	1.805	0.080	-10.3256	20.0
Bis(2-Chloroethyl)ether	1.603	1.418	0.100	-11.5862	20.0
2-Chlorophenol	1.458	1.475	0.200	1.1993	20.0
2-Methylphenol	1.403	1.336	0.010	-4.8148	20.0
2,2-oxybis(1-Chloropropane)	3.018	2.177	0.010	-27.8616	40.0
Acetophenone	2.406	2.233	0.060	-7.1751	20.0
4-Methylphenol	1.577	1.503	0.010	-4.6734	20.0
N-Nitroso-di-n-propylamine	1.274	1.123	0.050	-11.8831	30.0
Hexachloroethane	0.655	0.613	0.100	-6.5148	20.0
Nitrobenzene	0.452	0.391	0.050	-13.6148	25.0
Isophorone	0.809	0.737	0.050	-8.8621	25.0
2-Nitrophenol	0.175	0.188	0.050	7.8051	25.0
2,4-Dimethylphenol	0.374	0.350	0.050	-6.3072	25.0
Bis(2-Chloroethoxy)methane	0.495	0.444	0.050	-10.2238	20.0
2,4-Dichlorophenol	0.315	0.329	0.060	4.4581	20.0
Naphthalene	1.150	1.105	0.200	-3.9415	20.0
4-Chloroaniline	0.464	0.447	0.010	-3.6539	40.0
Hexachlorobutadiene	0.208	0.206	0.040	-1.1037	30.0
Caprolactam	0.101	0.115	0.010	14.3992	40.0
4-Chloro-3-methylphenol	0.326	0.340	0.040	4.2515	25.0
1-Methylnaphthalene	0.744	0.752	0.100	1.1687	20.0
2-Methylnaphthalene	0.731	0.743	0.100	1.7092	20.0
Hexachlorocyclopentadiene	0.394	0.336	0.010	-14.6416	40.0
2,4,6-Trichlorophenol	0.377	0.400	0.090	6.2865	25.0
2,4,5-Trichlorophenol	0.412	0.440	0.100	6.7686	25.0
1,1-Biphenyl	1.601	1.515	0.200	-5.3898	20.0
2-Chloronaphthalene	1.238	1.174	0.300	-5.2299	20.0
2-Nitroaniline	0.393	0.350	0.050	-11.086	40.0
Dimethylphthalate	1.468	1.479	0.300	0.7435	20.0
2,6-Dinitrotoluene	0.258	0.292	0.080	13.2985	30.0
Acenaphthylene	1.939	1.880	0.400	-3.0542	20.0
3-Nitroaniline	0.312	0.333	0.010	6.7636	40.0
Acenaphthene	1.371	1.302	0.200	-4.9794	20.0
2,4-Dinitrophenol	0.159	0.157	0.010	-1.3811	40.0
4-Nitrophenol	0.242	0.226	0.010	-6.6212	40.0
Dibenzofuran	1.845	1.780	0.300	-3.4959	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM100224 SAS No.: BM100224 SDG No.: BM100224

Instrument ID: BNA_M Calibration Date/Time: 10/3/2024 1:01:09

Lab File ID: BM047791.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020157 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.387	0.430	0.070	10.9986	30.0
Diethylphthalate	1.469	1.505	0.300	2.4415	20.0
Fluorene	1.539	1.463	0.200	-4.9593	20.0
4-Chlorophenyl-phenylether	0.727	0.706	0.100	-2.878	20.0
4-Nitroaniline	0.303	0.338	0.010	11.4476	40.0
4,6-Dinitro-2-methylphenol	0.130	0.122	0.010	-5.7487	40.0
N-Nitrosodiphenylamine	0.623	0.590	0.050	-5.3288	20.0
1,2,4,5-Tetrachlorobenzene	0.651	0.615	0.100	-5.5268	20.0
4-Bromophenyl-phenylether	0.206	0.206	0.070	0.1561	20.0
Hexachlorobenzene	0.240	0.240	0.050	0.0393	25.0
Atrazine	0.207	0.210	0.010	1.36	25.0
Pentachlorophenol	0.153	0.159	0.010	4.1176	40.0
Phenanthrene	1.173	1.102	0.200	-6.0352	20.0
Pentachlorobenzene	0.323	0.296	0.050	-8.5781	20.0
Anthracene	1.196	1.124	0.200	-6.0607	20.0
1,2,3,4-Tetrachlorobenzene	0.331	0.298	0.050	-10.0343	20.0
Carbazole	1.084	1.025	0.050	-5.4907	40.0
Di-n-butylphthalate	1.207	1.281	0.500	6.1182	25.0
Fluoranthene	1.337	1.355	0.400	1.3269	25.0
Pyrene	1.488	1.469	0.400	-1.2391	25.0
Butylbenzylphthalate	0.526	0.608	0.100	15.5241	40.0
3,3-Dichlorobenzidine	0.423	0.413	0.010	-2.2246	40.0
Benzo (a) anthracene	1.400	1.387	0.300	-0.9672	30.0
Chrysene	1.365	1.311	0.200	-4.0007	30.0
Bis (2-ethylhexyl) phthalate	0.790	0.921	0.200	16.5896	40.0
Di-n-octyl phthalate	1.290	1.367	0.010	5.9481	40.0
Benzo (b) fluoranthene	1.247	1.200	0.200	-3.7977	25.0
Benzo (k) fluoranthene	1.275	1.229	0.200	-3.602	25.0
Benzo (a) pyrene	1.185	1.129	0.200	-4.7103	20.0
Indeno (1,2,3-cd) pyrene	1.518	1.437	0.200	-5.3578	25.0
Dibenzo (a,h) anthracene	1.244	1.171	0.200	-5.8941	30.0
Benzo (g,h,i) perylene	1.189	1.120	0.200	-5.8226	30.0
2,3,4,6-Tetrachlorophenol	0.325	0.365	0.040	12.3851	20.0
1,4-Dioxane-d8	0.619	0.498	0.010	-19.501	25.0
Pyridine-d5	1.812	1.513	0.010	-16.5046	40.0
Phenol-d5	1.891	1.726	0.010	-8.7559	25.0
Bis- (2-Chloroethyl) ether-d8	1.342	1.077	0.050	-19.7161	25.0
2-Chlorophenol-d4	1.376	1.413	0.200	2.6779	20.0
4-Methylphenol-d8	1.406	1.346	0.010	-4.2514	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM100224 SAS No.: BM100224 SDG No.: BM100224

Instrument ID: BNA_M Calibration Date/Time: 10/3/2024 1:01:09

Lab File ID: BM047791.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020157 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.162	0.050	1.5279	20.0
2-Nitrophenol-d4	0.153	0.171	0.050	12.1596	30.0
2,4-Dichlorophenol-d3	0.305	0.324	0.060	6.1429	20.0
4-Chloroaniline-d4	0.471	0.457	0.010	-3.1034	40.0
Dimethylphthalate-d6	1.450	1.468	0.300	1.2167	20.0
Acenaphthylene-d8	1.719	1.714	0.400	-0.306	20.0
4-Nitrophenol-d4	0.289	0.292	0.010	1.0246	40.0
Fluorene-d10	1.256	1.258	0.100	0.1929	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.108	0.010	-7.5586	40.0
Anthracene-d10	0.983	0.945	0.300	-3.8694	20.0
Pyrene-d10	1.135	1.151	0.300	1.4029	25.0
Benzo(a)pyrene-d12	1.038	1.024	0.010	-1.2746	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.: BM100224 SAS No.: BM100224 SDG No.: BM100224

Instrument ID: BNA_M Calibration Date/Time: 10/3/2024 1:08:23

Lab File ID: BM047802.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020158 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.676	0.544	0.010	-19.4753	50.0
Benzaldehyde	1.028	0.733	0.010	-28.7054	50.0
Pyridine	1.908	1.511	0.010	-20.8147	50.0
Phenol	2.012	1.698	0.080	-15.6246	50.0
Bis(2-Chloroethyl)ether	1.603	1.344	0.100	-16.203	50.0
2-Chlorophenol	1.458	1.389	0.200	-4.699	50.0
2-Methylphenol	1.403	1.268	0.010	-9.628	50.0
2,2-oxybis(1-Chloropropane)	3.018	2.011	0.010	-33.3715	50.0
Acetophenone	2.406	2.090	0.060	-13.1348	50.0
4-Methylphenol	1.577	1.410	0.010	-10.58	50.0
N-Nitroso-di-n-propylamine	1.274	1.046	0.050	-17.9522	50.0
Hexachloroethane	0.655	0.593	0.100	-9.4839	50.0
Nitrobenzene	0.452	0.369	0.050	-18.4536	50.0
Isophorone	0.809	0.697	0.050	-13.8879	50.0
2-Nitrophenol	0.175	0.179	0.050	2.3229	50.0
2,4-Dimethylphenol	0.374	0.341	0.050	-8.7573	50.0
Bis(2-Chloroethoxy)methane	0.495	0.420	0.050	-15.1358	50.0
2,4-Dichlorophenol	0.315	0.314	0.060	-0.3066	50.0
Naphthalene	1.150	1.063	0.200	-7.5772	50.0
4-Chloroaniline	0.464	0.430	0.010	-7.2904	50.0
Hexachlorobutadiene	0.208	0.197	0.040	-5.322	50.0
Caprolactam	0.101	0.101	0.010	0.4563	50.0
4-Chloro-3-methylphenol	0.326	0.323	0.040	-0.8178	50.0
1-Methylnaphthalene	0.744	0.727	0.100	-2.2793	50.0
2-Methylnaphthalene	0.731	0.707	0.100	-3.3115	50.0
Hexachlorocyclopentadiene	0.394	0.317	0.010	-19.5802	50.0
2,4,6-Trichlorophenol	0.377	0.385	0.090	2.2412	50.0
2,4,5-Trichlorophenol	0.412	0.409	0.100	-0.7477	50.0
1,1-Biphenyl	1.601	1.403	0.200	-12.3762	50.0
2-Chloronaphthalene	1.238	1.129	0.300	-8.8055	50.0
2-Nitroaniline	0.393	0.315	0.050	-19.8362	50.0
Dimethylphthalate	1.468	1.384	0.300	-5.7573	50.0
2,6-Dinitrotoluene	0.258	0.271	0.080	5.2706	50.0
Acenaphthylene	1.939	1.865	0.400	-3.8043	50.0
3-Nitroaniline	0.312	0.274	0.010	-12.0798	50.0
Acenaphthene	1.371	1.236	0.200	-9.8145	50.0
2,4-Dinitrophenol	0.159	0.115	0.010	-27.6812	50.0
4-Nitrophenol	0.242	0.201	0.010	-16.913	50.0
Dibenzofuran	1.845	1.708	0.300	-7.4102	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM100224 SAS No.: BM100224 SDG No.: BM100224

Instrument ID: BNA_M Calibration Date/Time: 10/3/2024 1:08:23

Lab File ID: BM047802.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020158 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.387	0.407	0.070	4.993	50.0
Diethylphthalate	1.469	1.410	0.300	-4.0199	50.0
Fluorene	1.539	1.410	0.200	-8.3961	50.0
4-Chlorophenyl-phenylether	0.727	0.686	0.100	-5.652	50.0
4-Nitroaniline	0.303	0.275	0.010	-9.3717	50.0
4,6-Dinitro-2-methylphenol	0.130	0.103	0.010	-20.2786	50.0
N-Nitrosodiphenylamine	0.623	0.551	0.050	-11.5157	50.0
1,2,4,5-Tetrachlorobenzene	0.651	0.584	0.100	-10.3743	50.0
4-Bromophenyl-phenylether	0.206	0.201	0.070	-2.3222	50.0
Hexachlorobenzene	0.240	0.238	0.050	-0.9686	50.0
Atrazine	0.207	0.181	0.010	-12.6934	50.0
Pentachlorophenol	0.153	0.159	0.010	4.5043	50.0
Phenanthrene	1.173	1.060	0.200	-9.5812	50.0
Pentachlorobenzene	0.323	0.275	0.050	-15.0113	50.0
Anthracene	1.196	1.084	0.200	-9.3692	50.0
1,2,3,4-Tetrachlorobenzene	0.331	0.273	0.050	-17.534	50.0
Carbazole	1.084	0.982	0.050	-9.4635	50.0
Di-n-butylphthalate	1.207	1.203	0.500	-0.3121	50.0
Fluoranthene	1.337	1.269	0.400	-5.0991	50.0
Pyrene	1.488	1.342	0.400	-9.7753	50.0
Butylbenzylphthalate	0.526	0.571	0.100	8.6058	50.0
3,3-Dichlorobenzidine	0.423	0.379	0.010	-10.3631	50.0
Benzo (a) anthracene	1.400	1.340	0.300	-4.2826	50.0
Chrysene	1.365	1.245	0.200	-8.7691	50.0
Bis(2-ethylhexyl)phthalate	0.790	0.865	0.200	9.5586	50.0
Di-n-octyl phthalate	1.290	1.332	0.010	3.2446	50.0
Benzo (b) fluoranthene	1.247	1.177	0.200	-5.5945	50.0
Benzo (k) fluoranthene	1.275	1.181	0.200	-7.3645	50.0
Benzo (a) pyrene	1.185	1.113	0.200	-6.0094	50.0
Indeno (1,2,3-cd) pyrene	1.518	1.359	0.200	-10.4809	50.0
Dibenzo (a,h) anthracene	1.244	1.126	0.200	-9.5029	50.0
Benzo (g,h,i) perylene	1.189	1.088	0.200	-8.5233	50.0
2,3,4,6-Tetrachlorophenol	0.325	0.360	0.040	10.8138	50.0
1,4-Dioxane-d8	0.619	0.501	0.010	-19.1092	50.0
Pyridine-d5	1.812	1.484	0.010	-18.1318	50.0
Phenol-d5	1.891	1.644	0.010	-13.0815	50.0
Bis- (2-Chloroethyl) ether-d8	1.342	1.004	0.050	-25.1687	50.0
2-Chlorophenol-d4	1.376	1.397	0.200	1.4957	50.0
4-Methylphenol-d8	1.406	1.307	0.010	-7.0162	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM100224 SAS No.: BM100224 SDG No.: BM100224

Instrument ID: BNA_M Calibration Date/Time: 10/3/2024 1:08:23

Lab File ID: BM047802.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020158 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.157	0.050	-1.2892	50.0
2-Nitrophenol-d4	0.153	0.166	0.050	8.915	50.0
2,4-Dichlorophenol-d3	0.305	0.316	0.060	3.6085	50.0
4-Chloroaniline-d4	0.471	0.443	0.010	-5.9098	50.0
Dimethylphthalate-d6	1.450	1.371	0.300	-5.4766	50.0
Acenaphthylene-d8	1.719	1.618	0.400	-5.9145	50.0
4-Nitrophenol-d4	0.289	0.268	0.010	-7.3377	50.0
Fluorene-d10	1.256	1.199	0.100	-4.5142	50.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.095	0.010	-18.4169	50.0
Anthracene-d10	0.983	0.904	0.300	-8.1233	50.0
Pyrene-d10	1.135	1.077	0.300	-5.1349	50.0
Benzo(a)pyrene-d12	1.038	0.976	0.010	-5.983	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	SBLK608	SDG No.:	BM100224
Lab Sample ID:	PB163608BL	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
BM047778.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

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:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	SBLK608	SDG No.:	BM100224
Lab Sample ID:	PB163608BL	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
BM047778.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

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:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	SBLK608	SDG No.:	BM100224
Lab Sample ID:	PB163608BL	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
BM047778.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.032		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	20.417		20-120		51	SPK: -40
4165-62-2	Phenol-d5	22.05		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.153		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.192		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.417		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	25.793		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.418		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	25.293		10-140		63	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.644		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.396		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	24.991		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.137		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	26.435		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	SBLK608	SDG No.:	BM100224
Lab Sample ID:	PB163608BL	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
BM047778.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.945		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	25.626		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	27.609		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.121		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	299412	7.81				
1146-65-2	Naphthalene-d8	1266467	10.604				
15067-26-2	Acenaphthene-d10	855985	14.439				
1517-22-2	Phenanthrene-d10	1802928	17.18				
1719-03-5	Chrysene-d12	1679749	21.403				
1520-96-3	Perylene-d12	1887610	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	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:	DDCB3DL2	SDG No.:	BM100224
Lab Sample ID:	P4018-07DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047779.D	30	9/19/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	460	U	460	230	2400	ug/Kg
100-52-7	Benzaldehyde	2700	U	2700	2900	12000	ug/Kg
110-86-1	Pyridine	1500	U	1500	5800	12000	ug/Kg
108-95-2	Phenol	1200	U	1200	2900	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200	U	1200	2900	12000	ug/Kg
95-57-8	2-Chlorophenol	990	U	990	1500	6000	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	2900	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	960	U	960	2900	12000	ug/Kg
98-86-2	Acetophenone	1300	U	1300	2900	12000	ug/Kg
106-44-5	4-Methylphenol	1100	U	1100	2900	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1000	U	1000	1500	6000	ug/Kg
67-72-1	Hexachloroethane	810	U	810	1500	6000	ug/Kg
98-95-3	Nitrobenzene	1300	U	1300	1500	6000	ug/Kg
78-59-1	Isophorone	1200	U	1200	1500	6000	ug/Kg
88-75-5	2-Nitrophenol	1100	U	1100	1500	6000	ug/Kg
105-67-9	2,4-Dimethylphenol	990	U	990	1500	6000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1500	6000	ug/Kg
120-83-2	2,4-Dichlorophenol	1400	U	1400	1500	6000	ug/Kg
91-20-3	Naphthalene	1200	U	1200	1500	6000	ug/Kg
106-47-8	4-Chloroaniline	1500	U	1500	1500	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1200	U	1200	1500	6000	ug/Kg
105-60-2	Caprolactam	4300	U	4300	2900	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	990	U	990	1500	6000	ug/Kg
90-12-0	1-Methylnaphthalene	1500	U	1500	1500	6000	ug/Kg
91-57-6	2-Methylnaphthalene	1300	U	1300	1500	6000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2800	U	2800	2900	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500	U	1500	1500	6000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500	U	1500	1500	6000	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:	DDCB3DL2	SDG No.:	BM100224
Lab Sample ID:	P4018-07DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047779.D	30	9/19/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1700	U	1700	1500	6000	ug/Kg
91-58-7	2-Chloronaphthalene	1600	U	1600	1500	6000	ug/Kg
88-74-4	2-Nitroaniline	780	U	780	1500	6000	ug/Kg
131-11-3	Dimethylphthalate	1500	U	1500	1500	6000	ug/Kg
606-20-2	2,6-Dinitrotoluene	740	U	740	1500	6000	ug/Kg
208-96-8	Acenaphthylene	1500	U	1500	1500	6000	ug/Kg
99-09-2	3-Nitroaniline	710	U	710	2900	12000	ug/Kg
83-32-9	Acenaphthene	1500	U	1500	1500	6000	ug/Kg
51-28-5	2,4-Dinitrophenol	4300	U	4300	2900	12000	ug/Kg
100-02-7	4-Nitrophenol	1500	U	1500	2900	12000	ug/Kg
132-64-9	Dibenzofuran	1600	U	1600	1500	6000	ug/Kg
121-14-2	2,4-Dinitrotoluene	960	U	960	1500	6000	ug/Kg
84-66-2	Diethylphthalate	2100	U	2100	1500	6000	ug/Kg
86-73-7	Fluorene	1600	U	1600	1500	6000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700	U	1700	1500	6000	ug/Kg
100-01-6	4-Nitroaniline	1500	U	1500	2900	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	570	U	570	2900	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500	U	1500	1500	6000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800	U	1800	1500	6000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600	U	1600	1500	6000	ug/Kg
118-74-1	Hexachlorobenzene	1800	U	1800	1500	6000	ug/Kg
1912-24-9	Atrazine	1400	U	1400	2900	12000	ug/Kg
87-86-5	Pentachlorophenol	80000	D	3100	2900	12000	ug/Kg
85-01-8	Phenanthrene	1600	U	1600	1500	6000	ug/Kg
608-93-5	Pentachlorobenzene	1800	U	1800	1500	6000	ug/Kg
120-12-7	Anthracene	1500	U	1500	1500	6000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200	U	1200	1500	6000	ug/Kg
86-74-8	Carbazole	1600	U	1600	2900	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1500	6000	ug/Kg
206-44-0	Fluoranthene	1600	U	1600	2900	6000	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:	DDCB3DL2	SDG No.:	BM100224
Lab Sample ID:	P4018-07DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047779.D	30	9/19/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600	U	1600	1500	6000	ug/Kg
85-68-7	Butylbenzylphthalate	1100	U	1100	1500	6000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	810	U	810	2900	12000	ug/Kg
56-55-3	Benzo(a)anthracene	1400	U	1400	1500	6000	ug/Kg
218-01-9	Chrysene	1600	U	1600	1500	6000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600	U	1600	1500	6000	ug/Kg
117-84-0	Di-n-octyl phthalate	1200	U	1200	2900	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500	U	1500	1500	6000	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600	U	1600	1500	6000	ug/Kg
50-32-8	Benzo(a)pyrene	1500	U	1500	1500	6000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300	U	1300	1500	6000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	1500	6000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	1500	6000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	7000	D	1300	1500	6000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.11		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	10.2	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	14.85		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.44		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.33		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	13.89		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	16.29		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.53		10-120		34	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.45		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.38		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.32		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	20.01		15-120		50	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	22.98		20-140		57	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:	DDCB3DL2	SDG No.:	BM100224
Lab Sample ID:	P4018-07DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	15.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047779.D	30	9/19/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.76		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	20.79		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	22.41		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.76		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	210856	7.81				
1146-65-2	Naphthalene-d8	852311	10.598				
15067-26-2	Acenaphthene-d10	563133	14.439				
1517-22-2	Phenanthrene-d10	1223274	17.18				
1719-03-5	Chrysene-d12	1179309	21.403				
1520-96-3	Perylene-d12	1354211	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
1000309-39-1	Oxalic acid, 2-ethylhexyl octyl es	2900	JD			14.351	
E966796	Total Alkanes	1700	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:	DDCE0DL2	SDG No.:	BM100224
Lab Sample ID:	P4018-13DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
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
BM047780.D	30	9/19/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	470	U	470	240	2400	ug/Kg
110-86-1	Pyridine	1500	U	1500	5900	12000	ug/Kg
100-52-7	Benzaldehyde	2700	U	2700	3000	12000	ug/Kg
108-95-2	Phenol	1300	U	1300	3000	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1200	U	1200	3000	12000	ug/Kg
95-57-8	2-Chlorophenol	1000	U	1000	1500	6100	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	3000	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	970	U	970	3000	12000	ug/Kg
98-86-2	Acetophenone	1400	U	1400	3000	12000	ug/Kg
106-44-5	4-Methylphenol	1200	U	1200	3000	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1000	U	1000	1500	6100	ug/Kg
67-72-1	Hexachloroethane	830	U	830	1500	6100	ug/Kg
98-95-3	Nitrobenzene	1300	U	1300	1500	6100	ug/Kg
78-59-1	Isophorone	1200	U	1200	1500	6100	ug/Kg
88-75-5	2-Nitrophenol	1200	U	1200	1500	6100	ug/Kg
105-67-9	2,4-Dimethylphenol	1000	U	1000	1500	6100	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400	U	1400	1500	6100	ug/Kg
120-83-2	2,4-Dichlorophenol	1400	U	1400	1500	6100	ug/Kg
91-20-3	Naphthalene	1200	U	1200	1500	6100	ug/Kg
106-47-8	4-Chloroaniline	1500	U	1500	1500	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1200	U	1200	1500	6100	ug/Kg
105-60-2	Caprolactam	4300	U	4300	3000	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	U	1000	1500	6100	ug/Kg
90-12-0	1-Methylnaphthalene	1500	U	1500	1500	6100	ug/Kg
91-57-6	2-Methylnaphthalene	1300	U	1300	1500	6100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2800	U	2800	3000	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500	U	1500	1500	6100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500	U	1500	1500	6100	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:	DDCE0DL2	SDG No.:	BM100224
Lab Sample ID:	P4018-13DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
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
BM047780.D	30	9/19/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1700	U	1700	1500	6100	ug/Kg
91-58-7	2-Chloronaphthalene	1600	U	1600	1500	6100	ug/Kg
88-74-4	2-Nitroaniline	790	U	790	1500	6100	ug/Kg
131-11-3	Dimethylphthalate	1500	U	1500	1500	6100	ug/Kg
606-20-2	2,6-Dinitrotoluene	760	U	760	1500	6100	ug/Kg
208-96-8	Acenaphthylene	1500	U	1500	1500	6100	ug/Kg
99-09-2	3-Nitroaniline	720	U	720	3000	12000	ug/Kg
83-32-9	Acenaphthene	1500	U	1500	1500	6100	ug/Kg
51-28-5	2,4-Dinitrophenol	4300	U	4300	3000	12000	ug/Kg
100-02-7	4-Nitrophenol	1500	U	1500	3000	12000	ug/Kg
132-64-9	Dibenzofuran	1700	U	1700	1500	6100	ug/Kg
121-14-2	2,4-Dinitrotoluene	970	U	970	1500	6100	ug/Kg
84-66-2	Diethylphthalate	2200	U	2200	1500	6100	ug/Kg
86-73-7	Fluorene	1600	U	1600	1500	6100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1700	U	1700	1500	6100	ug/Kg
100-01-6	4-Nitroaniline	1500	U	1500	3000	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	580	U	580	3000	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500	U	1500	1500	6100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800	U	1800	1500	6100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600	U	1600	1500	6100	ug/Kg
118-74-1	Hexachlorobenzene	1800	U	1800	1500	6100	ug/Kg
1912-24-9	Atrazine	1400	U	1400	3000	12000	ug/Kg
87-86-5	Pentachlorophenol	100000	D	3100	3000	12000	ug/Kg
85-01-8	Phenanthrene	1600	U	1600	1500	6100	ug/Kg
608-93-5	Pentachlorobenzene	1800	U	1800	1500	6100	ug/Kg
120-12-7	Anthracene	1500	U	1500	1500	6100	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200	U	1200	1500	6100	ug/Kg
86-74-8	Carbazole	1600	U	1600	3000	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1500	6100	ug/Kg
206-44-0	Fluoranthene	1600	U	1600	3000	6100	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:	DDCE0DL2	SDG No.:	BM100224
Lab Sample ID:	P4018-13DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
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
BM047780.D	30	9/19/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600	U	1600	1500	6100	ug/Kg
85-68-7	Butylbenzylphthalate	1200	U	1200	1500	6100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	830	U	830	3000	12000	ug/Kg
56-55-3	Benzo(a)anthracene	1400	U	1400	1500	6100	ug/Kg
218-01-9	Chrysene	1600	U	1600	1500	6100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600	U	1600	1500	6100	ug/Kg
117-84-0	Di-n-octyl phthalate	1200	U	1200	3000	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500	U	1500	1500	6100	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600	U	1600	1500	6100	ug/Kg
50-32-8	Benzo(a)pyrene	1500	U	1500	1500	6100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300	U	1300	1500	6100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	1500	6100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	U	1300	1500	6100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	6100	D	1300	1500	6100	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	10.2	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	12.09		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.91		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.14		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	12.69		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	13.53		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.21		10-120		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.52		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.36		1-145		31	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.7		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	18.99		15-120		47	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	21.48		20-140		54	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:	DDCE0DL2	SDG No.:	BM100224
Lab Sample ID:	P4018-13DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
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
BM047780.D	30	9/19/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.46		10-130		14	SPK: -40
1719-06-8	Anthracene-d10	20.67		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	22.14		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.81		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	214279	7.81				
1146-65-2	Naphthalene-d8	865630	10.598				
15067-26-2	Acenaphthene-d10	573384	14.439				
1517-22-2	Phenanthrene-d10	1235245	17.18				
1719-03-5	Chrysene-d12	1140446	21.403				
1520-96-3	Perylene-d12	1309406	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	14.351				14.351	
E966796	Total Alkanes	14000	D			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:	DDCB2DL	SDG No.:	BM100224
Lab Sample ID:	P4018-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BM047781.D	20	9/19/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	300	U	300	150	1500	ug/Kg
100-52-7	Benzaldehyde	1700	U	1700	1900	7600	ug/Kg
110-86-1	Pyridine	990	U	990	3800	7600	ug/Kg
108-95-2	Phenol	800	U	800	1900	7600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	780	U	780	1900	7600	ug/Kg
95-57-8	2-Chlorophenol	640	U	640	970	3900	ug/Kg
95-48-7	2-Methylphenol	690	U	690	1900	7600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	620	U	620	1900	7600	ug/Kg
98-86-2	Acetophenone	870	U	870	1900	7600	ug/Kg
106-44-5	4-Methylphenol	730	U	730	1900	7600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	670	U	670	970	3900	ug/Kg
67-72-1	Hexachloroethane	530	U	530	970	3900	ug/Kg
98-95-3	Nitrobenzene	830	U	830	970	3900	ug/Kg
78-59-1	Isophorone	780	U	780	970	3900	ug/Kg
88-75-5	2-Nitrophenol	730	U	730	970	3900	ug/Kg
105-67-9	2,4-Dimethylphenol	640	U	640	970	3900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	870	U	870	970	3900	ug/Kg
120-83-2	2,4-Dichlorophenol	890	U	890	970	3900	ug/Kg
91-20-3	Naphthalene	780	U	780	970	3900	ug/Kg
106-47-8	4-Chloroaniline	990	U	990	970	7600	ug/Kg
87-68-3	Hexachlorobutadiene	780	U	780	970	3900	ug/Kg
105-60-2	Caprolactam	2800	U	2800	1900	7600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	640	U	640	970	3900	ug/Kg
90-12-0	1-Methylnaphthalene	940	U	940	970	3900	ug/Kg
91-57-6	2-Methylnaphthalene	850	U	850	970	3900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1800	U	1800	1900	7600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	990	U	990	970	3900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	960	U	960	970	3900	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:	DDCB2DL	SDG No.:	BM100224
Lab Sample ID:	P4018-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BM047781.D	20	9/19/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100	U	1100	970	3900	ug/Kg
91-58-7	2-Chloronaphthalene	1000	U	1000	970	3900	ug/Kg
88-74-4	2-Nitroaniline	500	U	500	970	3900	ug/Kg
131-11-3	Dimethylphthalate	960	U	960	970	3900	ug/Kg
606-20-2	2,6-Dinitrotoluene	480	U	480	970	3900	ug/Kg
208-96-8	Acenaphthylene	990	U	990	970	3900	ug/Kg
99-09-2	3-Nitroaniline	460	U	460	1900	7600	ug/Kg
83-32-9	Acenaphthene	940	U	940	970	3900	ug/Kg
51-28-5	2,4-Dinitrophenol	2800	U	2800	1900	7600	ug/Kg
100-02-7	4-Nitrophenol	940	U	940	1900	7600	ug/Kg
132-64-9	Dibenzofuran	1100	U	1100	970	3900	ug/Kg
121-14-2	2,4-Dinitrotoluene	620	U	620	970	3900	ug/Kg
84-66-2	Diethylphthalate	1400	U	1400	970	3900	ug/Kg
86-73-7	Fluorene	1000	U	1000	970	3900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	970	3900	ug/Kg
100-01-6	4-Nitroaniline	960	U	960	1900	7600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	370	U	370	1900	7600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	960	U	960	970	3900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200	U	1200	970	3900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000	U	1000	970	3900	ug/Kg
118-74-1	Hexachlorobenzene	1100	U	1100	970	3900	ug/Kg
1912-24-9	Atrazine	890	U	890	1900	7600	ug/Kg
87-86-5	Pentachlorophenol	42000	D	2000	1900	7600	ug/Kg
85-01-8	Phenanthrene	1000	U	1000	970	3900	ug/Kg
608-93-5	Pentachlorobenzene	1200	U	1200	970	3900	ug/Kg
120-12-7	Anthracene	990	U	990	970	3900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	760	U	760	970	3900	ug/Kg
86-74-8	Carbazole	1000	U	1000	1900	7600	ug/Kg
84-74-2	Di-n-butylphthalate	960	U	960	970	3900	ug/Kg
206-44-0	Fluoranthene	1000	U	1000	1900	3900	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:	DDCB2DL	SDG No.:	BM100224
Lab Sample ID:	P4018-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BM047781.D	20	9/19/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1000	U	1000	970	3900	ug/Kg
85-68-7	Butylbenzylphthalate	730	U	730	970	3900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	530	U	530	1900	7600	ug/Kg
56-55-3	Benzo(a)anthracene	890	U	890	970	3900	ug/Kg
218-01-9	Chrysene	1000	U	1000	970	3900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1000	U	1000	970	3900	ug/Kg
117-84-0	Di-n-octyl phthalate	780	U	780	1900	7600	ug/Kg
205-99-2	Benzo(b)fluoranthene	960	U	960	970	3900	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000	U	1000	970	3900	ug/Kg
50-32-8	Benzo(a)pyrene	960	U	960	970	3900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	850	U	850	970	3900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	850	U	850	970	3900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	800	U	800	970	3900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	850	U	850	970	3900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	6.8	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	11.2		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.12		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.4		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	10.28		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	12.52		10-135		31	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	10-120		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.9		10-140		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.02		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.72		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	16.06		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	17.22		20-140		43	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:	DDCB2DL	SDG No.:	BM100224
Lab Sample ID:	P4018-06DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.1
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
BM047781.D	20	9/19/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	15.94		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	17.06		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.7		10-140		39	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	187368	7.81				
1146-65-2	Naphthalene-d8	735827	10.598				
15067-26-2	Acenaphthene-d10	462658	14.439				
1517-22-2	Phenanthrene-d10	982113	17.18				
1719-03-5	Chrysene-d12	933825	21.403				
1520-96-3	Perylene-d12	1080974	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1100	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:	DDCA2DL	SDG No.:	BM100224
Lab Sample ID:	P4018-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047782.D	20	9/19/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163513

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	2000	8200	ug/Kg
110-86-1	Pyridine	1100	U	1100	4100	8200	ug/Kg
108-95-2	Phenol	870	U	870	2000	8200	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	840	U	840	2000	8200	ug/Kg
95-57-8	2-Chlorophenol	690	U	690	1100	4200	ug/Kg
95-48-7	2-Methylphenol	740	U	740	2000	8200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	670	U	670	2000	8200	ug/Kg
98-86-2	Acetophenone	940	U	940	2000	8200	ug/Kg
106-44-5	4-Methylphenol	790	U	790	2000	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	890	U	890	1100	4200	ug/Kg
78-59-1	Isophorone	840	U	840	1100	4200	ug/Kg
88-75-5	2-Nitrophenol	790	U	790	1100	4200	ug/Kg
105-67-9	2,4-Dimethylphenol	690	U	690	1100	4200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	940	U	940	1100	4200	ug/Kg
120-83-2	2,4-Dichlorophenol	970	U	970	1100	4200	ug/Kg
91-20-3	Naphthalene	840	U	840	1100	4200	ug/Kg
106-47-8	4-Chloroaniline	1100	U	1100	1100	8200	ug/Kg
87-68-3	Hexachlorobutadiene	840	U	840	1100	4200	ug/Kg
105-60-2	Caprolactam	3000	U	3000	2000	8200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	690	U	690	1100	4200	ug/Kg
90-12-0	1-Methylnaphthalene	1000	U	1000	1100	4200	ug/Kg
91-57-6	2-Methylnaphthalene	920	U	920	1100	4200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2000	U	2000	2000	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:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCA2DL	SDG No.:	BM100224
Lab Sample ID:	P4018-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047782.D	20	9/19/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163513

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	2000	8200	ug/Kg
83-32-9	Acenaphthene	1000	U	1000	1100	4200	ug/Kg
51-28-5	2,4-Dinitrophenol	3000	U	3000	2000	8200	ug/Kg
100-02-7	4-Nitrophenol	1000	U	1000	2000	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	2000	8200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400	U	400	2000	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	2000	8200	ug/Kg
87-86-5	Pentachlorophenol	79000	D	2200	2000	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	2000	8200	ug/Kg
84-74-2	Di-n-butylphthalate	1000	U	1000	1100	4200	ug/Kg
206-44-0	Fluoranthene	1100	U	1100	2000	4200	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:	DDCA2DL	SDG No.:	BM100224
Lab Sample ID:	P4018-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047782.D	20	9/19/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163513

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	790	U	790	1100	4200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	570	U	570	2000	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	840	U	840	2000	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	6600	D	920	1100	4200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	6.8	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	14		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.4		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.58		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	14.2		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	15.52		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.74		10-120		32	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.36		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.06		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.68		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	19.12		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	21.72		20-140		54	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:	DDCA2DL	SDG No.:	BM100224
Lab Sample ID:	P4018-04DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047782.D	20	9/19/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	19.72		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	21.18		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.82		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182069	7.804				
1146-65-2	Naphthalene-d8	727449	10.598				
15067-26-2	Acenaphthene-d10	464549	14.439				
1517-22-2	Phenanthrene-d10	999415	17.174				
1719-03-5	Chrysene-d12	922145	21.403				
1520-96-3	Perylene-d12	1065362	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.834	2600	JD			5.834	
	(DEL) Alkane: Straight-Chain6.969	2800	JD			6.969	
000109-21-7	Butanoic acid, butyl ester	2000	JD			7.328	
	(DEL) Alkane: Straight-Chain7.440	8200	JD			7.44	
000104-76-7	1-Hexanol, 2-ethyl-	5900	JD			7.875	
	unknown-01	2000	JD			8.034	
	(DEL) Alkane: Straight-Chain9.039	5300	JD			9.039	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	1800	JD			11.698	
1010309-19-2	Sulfurous acid, 2-ethylhexyl nonyl	8400	JD			14.351	
	unknown-02	1800	JD			14.586	
065539-79-9	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d	2100	JD			15.204	
	(DEL) Alkane: Straight-Chain15.298	1700	JD			15.298	
E966796	Total Alkanes	21000	D			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:	DDCA0DL	SDG No.:	BM100224
Lab Sample ID:	P4018-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
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
BM047783.D	5	9/19/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	80	U	80	40.7	410	ug/Kg
100-52-7	Benzaldehyde	460	U	460	510	2000	ug/Kg
110-86-1	Pyridine	270	U	270	1000	2000	ug/Kg
108-95-2	Phenol	220	U	220	510	2000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	210	U	210	510	2000	ug/Kg
95-57-8	2-Chlorophenol	170	U	170	260	1000	ug/Kg
95-48-7	2-Methylphenol	190	U	190	510	2000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	U	170	510	2000	ug/Kg
98-86-2	Acetophenone	230	U	230	510	2000	ug/Kg
106-44-5	4-Methylphenol	200	U	200	510	2000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	180	U	180	260	1000	ug/Kg
67-72-1	Hexachloroethane	140	U	140	260	1000	ug/Kg
98-95-3	Nitrobenzene	220	U	220	260	1000	ug/Kg
78-59-1	Isophorone	210	U	210	260	1000	ug/Kg
88-75-5	2-Nitrophenol	200	U	200	260	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	170	U	170	260	1000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	230	U	230	260	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	240	U	240	260	1000	ug/Kg
91-20-3	Naphthalene	210	U	210	260	1000	ug/Kg
106-47-8	4-Chloroaniline	270	U	270	260	2000	ug/Kg
87-68-3	Hexachlorobutadiene	210	U	210	260	1000	ug/Kg
105-60-2	Caprolactam	740	U	740	510	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	170	260	1000	ug/Kg
90-12-0	1-Methylnaphthalene	250	U	250	260	1000	ug/Kg
91-57-6	2-Methylnaphthalene	230	U	230	260	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	490	U	490	510	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	270	U	270	260	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	260	U	260	260	1000	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:	DDCA0DL	SDG No.:	BM100224
Lab Sample ID:	P4018-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
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
BM047783.D	5	9/19/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	300	U	300	260	1000	ug/Kg
91-58-7	2-Chloronaphthalene	280	U	280	260	1000	ug/Kg
88-74-4	2-Nitroaniline	140	U	140	260	1000	ug/Kg
131-11-3	Dimethylphthalate	260	U	260	260	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	U	130	260	1000	ug/Kg
208-96-8	Acenaphthylene	270	U	270	260	1000	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	510	2000	ug/Kg
83-32-9	Acenaphthene	250	U	250	260	1000	ug/Kg
51-28-5	2,4-Dinitrophenol	740	U	740	510	2000	ug/Kg
100-02-7	4-Nitrophenol	250	U	250	510	2000	ug/Kg
132-64-9	Dibenzofuran	280	U	280	260	1000	ug/Kg
121-14-2	2,4-Dinitrotoluene	170	U	170	260	1000	ug/Kg
84-66-2	Diethylphthalate	370	U	370	260	1000	ug/Kg
86-73-7	Fluorene	280	U	280	260	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	290	U	290	260	1000	ug/Kg
100-01-6	4-Nitroaniline	260	U	260	510	2000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	99	U	99	510	2000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	260	U	260	260	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	310	U	310	260	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	280	U	280	260	1000	ug/Kg
118-74-1	Hexachlorobenzene	310	U	310	260	1000	ug/Kg
1912-24-9	Atrazine	240	U	240	510	2000	ug/Kg
87-86-5	Pentachlorophenol	15000	D	540	510	2000	ug/Kg
85-01-8	Phenanthrene	270	U	270	260	1000	ug/Kg
608-93-5	Pentachlorobenzene	310	U	310	260	1000	ug/Kg
120-12-7	Anthracene	270	U	270	260	1000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	200	U	200	260	1000	ug/Kg
86-74-8	Carbazole	280	U	280	510	2000	ug/Kg
84-74-2	Di-n-butylphthalate	260	U	260	260	1000	ug/Kg
206-44-0	Fluoranthene	270	U	270	510	1000	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:	DDCA0DL	SDG No.:	BM100224
Lab Sample ID:	P4018-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
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
BM047783.D	5	9/19/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	270	U	270	260	1000	ug/Kg
85-68-7	Butylbenzylphthalate	200	U	200	260	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	510	2000	ug/Kg
56-55-3	Benzo(a)anthracene	240	U	240	260	1000	ug/Kg
218-01-9	Chrysene	280	U	280	260	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	270	U	270	260	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	210	U	210	510	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	260	U	260	260	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	280	U	280	260	1000	ug/Kg
50-32-8	Benzo(a)pyrene	260	U	260	260	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	230	U	230	260	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230	U	230	260	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	220	U	220	260	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	290	JD	230	260	1000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.435		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	13.27		20-120		33	SPK: -40
4165-62-2	Phenol-d5	13.015		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.63		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.71		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	12.655		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	13.685		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.065		10-120		30	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.515		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.83		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.325		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	17		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	19.385		20-140		48	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:	DDCA0DL	SDG No.:	BM100224
Lab Sample ID:	P4018-02DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19
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
BM047783.D	5	9/19/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.85		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	17.775		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	18.535		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.455		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	213702	7.805				
1146-65-2	Naphthalene-d8	860672	10.599				
15067-26-2	Acenaphthene-d10	562701	14.439				
1517-22-2	Phenanthrene-d10	1237893	17.18				
1719-03-5	Chrysene-d12	1254233	21.404				
1520-96-3	Perylene-d12	1496447	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain14.351	2000	JD			14.351	
	(DEL) Alkane: Straight-Chain15.298	520	JD			15.298	
	(DEL) Alkane: Straight-Chain16.157	470	JD			16.157	
	(DEL) Alkane: Straight-Chain16.945	440	JD			16.945	
E966796	Total Alkanes	3400	D			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:	DDC26	SDG No.:	BM100224
Lab Sample ID:	P4020-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047784.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

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	54.3	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	49	U	49	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	54.3	220	ug/Kg
67-72-1	Hexachloroethane	29	U	29	54.3	220	ug/Kg
98-95-3	Nitrobenzene	46	U	46	54.3	220	ug/Kg
78-59-1	Isophorone	43	U	43	54.3	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	54.3	220	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	54.3	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	54.3	220	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	54.3	220	ug/Kg
91-20-3	Naphthalene	43	U	43	54.3	220	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	54.3	420	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	54.3	220	ug/Kg
105-60-2	Caprolactam	150	U	150	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	54.3	220	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	54.3	220	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	54.3	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	54.3	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	54.3	220	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:	DDC26	SDG No.:	BM100224
Lab Sample ID:	P4020-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047784.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	54.3	220	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	54.3	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	54.3	220	ug/Kg
131-11-3	Dimethylphthalate	54	U	54	54.3	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	54.3	220	ug/Kg
208-96-8	Acenaphthylene	55	U	55	54.3	220	ug/Kg
99-09-2	3-Nitroaniline	26	U	26	110	420	ug/Kg
83-32-9	Acenaphthene	52	U	52	54.3	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	54.3	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	54.3	220	ug/Kg
84-66-2	Diethylphthalate	77	U	77	54.3	220	ug/Kg
86-73-7	Fluorene	57	U	57	54.3	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	54.3	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	54.3	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	65	U	65	54.3	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	54.3	220	ug/Kg
118-74-1	Hexachlorobenzene	64	U	64	54.3	220	ug/Kg
1912-24-9	Atrazine	50	U	50	110	420	ug/Kg
87-86-5	Pentachlorophenol	600		110	110	420	ug/Kg
85-01-8	Phenanthrene	56	U	56	54.3	220	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	54.3	220	ug/Kg
120-12-7	Anthracene	55	U	55	54.3	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	54.3	220	ug/Kg
86-74-8	Carbazole	57	U	57	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	54	54.3	220	ug/Kg
206-44-0	Fluoranthene	56	U	56	110	220	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:	DDC26	SDG No.:	BM100224
Lab Sample ID:	P4020-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047784.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	54.3	220	ug/Kg
85-68-7	Butylbenzylphthalate	41	U	41	54.3	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	54.3	220	ug/Kg
218-01-9	Chrysene	57	U	57	54.3	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	54.3	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	54.3	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	57	U	57	54.3	220	ug/Kg
50-32-8	Benzo(a)pyrene	54	U	54	54.3	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	54.3	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	47	U	47	54.3	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	54.3	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	54.3	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.32		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	10.453		20-120		26	SPK: -40
4165-62-2	Phenol-d5	12.785		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	11.499		10-150		29	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.295		15-120		36	SPK: -40
190780-66-6	4-Methylphenol-d8	13.802		10-140		35	SPK: -40
4165-60-0	Nitrobenzene-d5	13.793		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.632		10-120		37	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.117		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.721		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.817		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	15.96		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.59		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	16.96		20-140		42	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:	DDC26	SDG No.:	BM100224
Lab Sample ID:	P4020-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.7
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047784.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.202		10-130		18	SPK: -40
1719-06-8	Anthracene-d10	16.693		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	17.35		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.134		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	236309	7.804				
1146-65-2	Naphthalene-d8	968480	10.598				
15067-26-2	Acenaphthene-d10	605445	14.439				
1517-22-2	Phenanthrene-d10	1264978	17.18				
1719-03-5	Chrysene-d12	1262185	21.403				
1520-96-3	Perylene-d12	1482277	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	170	J			15.792	
000057-10-3	n-Hexadecanoic acid	95	J			18.074	
E966796	Total Alkanes	61	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:	DDCG0	SDG No.:	BM100224
Lab Sample ID:	P4020-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047785.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

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

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCG0	SDG No.:	BM100224
Lab Sample ID:	P4020-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047785.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	52.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	52.2	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.2	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	52.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52.2	210	ug/Kg
208-96-8	Acenaphthylene	53	U	53	52.2	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	50	U	50	52.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	100	410	ug/Kg
132-64-9	Dibenzofuran	56	U	56	52.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	52.2	210	ug/Kg
84-66-2	Diethylphthalate	74	U	74	52.2	210	ug/Kg
86-73-7	Fluorene	55	U	55	52.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	52.2	210	ug/Kg
100-01-6	4-Nitroaniline	52	U	52	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	52.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	52.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	52.2	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	52.2	210	ug/Kg
1912-24-9	Atrazine	48	U	48	100	410	ug/Kg
87-86-5	Pentachlorophenol	1300		110	100	410	ug/Kg
85-01-8	Phenanthrene	54	U	54	52.2	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	52.2	210	ug/Kg
120-12-7	Anthracene	53	U	53	52.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	52.2	210	ug/Kg
86-74-8	Carbazole	55	U	55	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	52.2	210	ug/Kg
206-44-0	Fluoranthene	54	U	54	100	210	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:	DDCG0	SDG No.:	BM100224
Lab Sample ID:	P4020-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
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
BM047785.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	52.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	52.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	52.2	210	ug/Kg
218-01-9	Chrysene	55	U	55	52.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	52.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	52.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	55	U	55	52.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	52.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	52.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	52.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	52.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	52.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.174		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	14.31		20-120		36	SPK: -40
4165-62-2	Phenol-d5	19.952		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.54		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.449		15-120		54	SPK: -40
190780-66-6	4-Methylphenol-d8	22.077		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	21.802		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.167		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.193		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.553		1-145		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.628		10-145		64	SPK: -40
93951-97-4	Acenaphthylene-d8	24.387		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.947		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	26.062		20-140		65	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:	DDCG0	SDG No.:	BM100224
Lab Sample ID:	P4020-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047785.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.142		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	25.397		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	27.055		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.756		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	252565	7.804				
1146-65-2	Naphthalene-d8	1071947	10.598				
15067-26-2	Acenaphthene-d10	678515	14.439				
1517-22-2	Phenanthrene-d10	1434451	17.18				
1719-03-5	Chrysene-d12	1415196	21.403				
1520-96-3	Perylene-d12	1626209	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	120	J			8.04	
000119-61-9	Benzophenone	130	J			15.792	
000057-10-3	n-Hexadecanoic acid	310	J			18.08	
	(DEL) Alkane: Straight-Chain	21.080	J			21.08	
E966796	Total Alkanes	180				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:	DDCG0MS	SDG No.:	BM100224
Lab Sample ID:	P4020-07MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.03	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
BM047786.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	370		16	8.1	82	ug/Kg
100-52-7	Benzaldehyde	1000		92	100	410	ug/Kg
110-86-1	Pyridine	960		53	200	410	ug/Kg
108-95-2	Phenol	1100		43	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100		42	100	410	ug/Kg
95-57-8	2-Chlorophenol	1200		34	52.3	210	ug/Kg
95-48-7	2-Methylphenol	1200		37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	860		33	100	410	ug/Kg
98-86-2	Acetophenone	1100		47	100	410	ug/Kg
106-44-5	4-Methylphenol	1200		39	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100		36	52.3	210	ug/Kg
67-72-1	Hexachloroethane	1100		28	52.3	210	ug/Kg
98-95-3	Nitrobenzene	1000		44	52.3	210	ug/Kg
78-59-1	Isophorone	1100		42	52.3	210	ug/Kg
88-75-5	2-Nitrophenol	1300		39	52.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		34	52.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		47	52.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		48	52.3	210	ug/Kg
91-20-3	Naphthalene	1200		42	52.3	210	ug/Kg
106-47-8	4-Chloroaniline	970		53	52.3	410	ug/Kg
87-68-3	Hexachlorobutadiene	1200		42	52.3	210	ug/Kg
105-60-2	Caprolactam	1400		150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		34	52.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	1200		50	52.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	1200		46	52.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	910		97	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		53	52.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		52	52.3	210	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:	DDCG0MS	SDG No.:	BM100224
Lab Sample ID:	P4020-07MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047786.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200		59	52.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	1200		55	52.3	210	ug/Kg
88-74-4	2-Nitroaniline	1100		27	52.3	210	ug/Kg
131-11-3	Dimethylphthalate	1300		52	52.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		26	52.3	210	ug/Kg
208-96-8	Acenaphthylene	1200		53	52.3	210	ug/Kg
99-09-2	3-Nitroaniline	1300		25	100	410	ug/Kg
83-32-9	Acenaphthene	1200		50	52.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1200		150	100	410	ug/Kg
100-02-7	4-Nitrophenol	1200		50	100	410	ug/Kg
132-64-9	Dibenzofuran	1200		57	52.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		33	52.3	210	ug/Kg
84-66-2	Diethylphthalate	1300		74	52.3	210	ug/Kg
86-73-7	Fluorene	1200		55	52.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		58	52.3	210	ug/Kg
100-01-6	4-Nitroaniline	1500		52	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1200		52	52.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		63	52.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		55	52.3	210	ug/Kg
118-74-1	Hexachlorobenzene	1200		62	52.3	210	ug/Kg
1912-24-9	Atrazine	1000		48	100	410	ug/Kg
87-86-5	Pentachlorophenol	2600		110	100	410	ug/Kg
85-01-8	Phenanthrene	1200		54	52.3	210	ug/Kg
608-93-5	Pentachlorobenzene	1000		63	52.3	210	ug/Kg
120-12-7	Anthracene	1200		53	52.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1000		41	52.3	210	ug/Kg
86-74-8	Carbazole	1200		55	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	1400		52	52.3	210	ug/Kg
206-44-0	Fluoranthene	1200		54	100	210	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:	DDCG0MS	SDG No.:	BM100224
Lab Sample ID:	P4020-07MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047786.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		54	52.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	1500		39	52.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		28	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	1200		48	52.3	210	ug/Kg
218-01-9	Chrysene	1200		55	52.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		54	52.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1500		42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		52	52.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		55	52.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	1200		52	52.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		46	52.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		46	52.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		43	52.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		46	52.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.078		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	14.093		20-120		35	SPK: -40
4165-62-2	Phenol-d5	21.021		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.697		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.46		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	22.482		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	22.428		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.956		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.979		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.779		1-145		54	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.584		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	23.855		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.89		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	24.615		20-140		62	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:	DDCG0MS	SDG No.:	BM100224
Lab Sample ID:	P4020-07MS	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047786.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.866		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	23.583		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	24.484		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.463		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	236423	7.804				
1146-65-2	Naphthalene-d8	1007578	10.598				
15067-26-2	Acenaphthene-d10	636399	14.439				
1517-22-2	Phenanthrene-d10	1358804	17.18				
1719-03-5	Chrysene-d12	1392883	21.403				
1520-96-3	Perylene-d12	1509648	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	59	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:	DDCG0MSD	SDG No.:	BM100224
Lab Sample ID:	P4020-08MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.06	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
BM047787.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	360		16	8.1	82	ug/Kg
100-52-7	Benzaldehyde	1000		92	100	410	ug/Kg
110-86-1	Pyridine	920		53	200	410	ug/Kg
108-95-2	Phenol	1100		43	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1000		42	100	410	ug/Kg
95-57-8	2-Chlorophenol	1200		34	52.2	210	ug/Kg
95-48-7	2-Methylphenol	1100		37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	840		33	100	410	ug/Kg
98-86-2	Acetophenone	1100		47	100	410	ug/Kg
106-44-5	4-Methylphenol	1100		39	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100		36	52.2	210	ug/Kg
67-72-1	Hexachloroethane	1100		28	52.2	210	ug/Kg
98-95-3	Nitrobenzene	1000		44	52.2	210	ug/Kg
78-59-1	Isophorone	1100		42	52.2	210	ug/Kg
88-75-5	2-Nitrophenol	1300		39	52.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		34	52.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		47	52.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1300		48	52.2	210	ug/Kg
91-20-3	Naphthalene	1100		42	52.2	210	ug/Kg
106-47-8	4-Chloroaniline	950		53	52.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	1100		42	52.2	210	ug/Kg
105-60-2	Caprolactam	1300		150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300		34	52.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	1200		50	52.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	1200		45	52.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	900		97	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		53	52.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		52	52.2	210	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:	DDCG0MSD	SDG No.:	BM100224
Lab Sample ID:	P4020-08MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047787.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		59	52.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	1100		55	52.2	210	ug/Kg
88-74-4	2-Nitroaniline	1100		27	52.2	210	ug/Kg
131-11-3	Dimethylphthalate	1200		52	52.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1400		26	52.2	210	ug/Kg
208-96-8	Acenaphthylene	1200		53	52.2	210	ug/Kg
99-09-2	3-Nitroaniline	1300		25	100	410	ug/Kg
83-32-9	Acenaphthene	1100		50	52.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		150	100	410	ug/Kg
100-02-7	4-Nitrophenol	1100		50	100	410	ug/Kg
132-64-9	Dibenzofuran	1200		57	52.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1400		33	52.2	210	ug/Kg
84-66-2	Diethylphthalate	1200		74	52.2	210	ug/Kg
86-73-7	Fluorene	1100		55	52.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200		58	52.2	210	ug/Kg
100-01-6	4-Nitroaniline	1400		52	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1100		20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		52	52.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		63	52.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		55	52.2	210	ug/Kg
118-74-1	Hexachlorobenzene	1200		61	52.2	210	ug/Kg
1912-24-9	Atrazine	980		48	100	410	ug/Kg
87-86-5	Pentachlorophenol	2500		110	100	410	ug/Kg
85-01-8	Phenanthrene	1100		54	52.2	210	ug/Kg
608-93-5	Pentachlorobenzene	1000		63	52.2	210	ug/Kg
120-12-7	Anthracene	1100		53	52.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1000		41	52.2	210	ug/Kg
86-74-8	Carbazole	1200		55	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	1400		52	52.2	210	ug/Kg
206-44-0	Fluoranthene	1200		54	100	210	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:	DDCG0MSD	SDG No.:	BM100224
Lab Sample ID:	P4020-08MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047787.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		54	52.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	1500		39	52.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		28	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	1200		48	52.2	210	ug/Kg
218-01-9	Chrysene	1200		55	52.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500		54	52.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		52	52.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		55	52.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	1200		52	52.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		45	52.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		45	52.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		43	52.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1400		45	52.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.05		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	13.714		20-120		34	SPK: -40
4165-62-2	Phenol-d5	20.589		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.208		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.007		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	22.027		10-140		55	SPK: -40
4165-60-0	Nitrobenzene-d5	21.851		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.229		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.498		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.182		1-145		53	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.946		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	23.086		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.296		10-150		58	SPK: -40
81103-79-9	Fluorene-d10	23.644		20-140		59	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:	DDCG0MSD	SDG No.:	BM100224
Lab Sample ID:	P4020-08MSD	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.8
Sample Wt/Vol:	30.06 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047787.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.086		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	22.837		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	24.31		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.699		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	262091	7.804				
1146-65-2	Naphthalene-d8	1116517	10.598				
15067-26-2	Acenaphthene-d10	706485	14.439				
1517-22-2	Phenanthrene-d10	1477487	17.18				
1719-03-5	Chrysene-d12	1436523	21.403				
1520-96-3	Perylene-d12	1558292	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	59	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:	DDCJ9	SDG No.:	BM100224
Lab Sample ID:	P4020-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047788.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.7	78	ug/Kg
100-52-7	Benzaldehyde	87	U	87	96	380	ug/Kg
110-86-1	Pyridine	50	U	50	190	380	ug/Kg
108-95-2	Phenol	41	U	41	96	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	96	380	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.5	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	96	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	96	380	ug/Kg
98-86-2	Acetophenone	44	U	44	96	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	96	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	49.5	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49.5	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49.5	200	ug/Kg
78-59-1	Isophorone	40	U	40	49.5	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	49.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	49.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	49.5	200	ug/Kg
91-20-3	Naphthalene	40	U	40	49.5	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49.5	200	ug/Kg
105-60-2	Caprolactam	140	U	140	96	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	49.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	48	U	48	49.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	92	U	92	96	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	49.5	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCJ9	SDG No.:	BM100224
Lab Sample ID:	P4020-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
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
BM047788.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	49.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49.5	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.5	200	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	49.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	49.5	200	ug/Kg
208-96-8	Acenaphthylene	50	U	50	49.5	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	96	380	ug/Kg
83-32-9	Acenaphthene	48	U	48	49.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	96	380	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	96	380	ug/Kg
132-64-9	Dibenzofuran	54	U	54	49.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	49.5	200	ug/Kg
84-66-2	Diethylphthalate	70	U	70	49.5	200	ug/Kg
86-73-7	Fluorene	52	U	52	49.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49.5	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	96	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	96	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	49.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	49.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	49.5	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.5	200	ug/Kg
1912-24-9	Atrazine	45	U	45	96	380	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	96	380	ug/Kg
85-01-8	Phenanthrene	51	U	51	49.5	200	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	49.5	200	ug/Kg
120-12-7	Anthracene	50	U	50	49.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	49.5	200	ug/Kg
86-74-8	Carbazole	52	U	52	96	380	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	49.5	200	ug/Kg
206-44-0	Fluoranthene	51	U	51	96	200	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:	DDCJ9	SDG No.:	BM100224
Lab Sample ID:	P4020-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
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
BM047788.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	49.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	49.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	96	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	49.5	200	ug/Kg
218-01-9	Chrysene	52	U	52	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	49.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	96	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	49.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	49.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	49.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	49.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	49.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	49.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	49.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.955		15-120		24	SPK: -8
7291-22-7	Pyridine-d5	7.165	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	12.401		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.975		10-150		27	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.421		15-120		34	SPK: -40
190780-66-6	4-Methylphenol-d8	13.471		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	13.761		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.532		10-120		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.388		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.177		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.799		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	15.907		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.476		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	16.879		20-140		42	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:	DDCJ9	SDG No.:	BM100224
Lab Sample ID:	P4020-09	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	14.1
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
BM047788.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.075		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	16.827		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	17.886		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.601		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	244039	7.804				
1146-65-2	Naphthalene-d8	996836	10.598				
15067-26-2	Acenaphthene-d10	616290	14.439				
1517-22-2	Phenanthrene-d10	1259462	17.18				
1719-03-5	Chrysene-d12	1240995	21.403				
1520-96-3	Perylene-d12	1443053	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	81	J			8.039	
000119-61-9	Benzophenone	97	J			15.792	
000057-10-3	n-Hexadecanoic acid	140	J			18.074	
	(DEL) Alkane: Straight-Chain	21.074	J			21.074	
E966796	Total Alkanes	80				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:	DDCK1	SDG No.:	BM100224
Lab Sample ID:	P4020-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BM047789.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

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	53	U	53	200	410	ug/Kg
108-95-2	Phenol	43	U	43	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	410	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	52.8	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	52.8	210	ug/Kg
67-72-1	Hexachloroethane	29	U	29	52.8	210	ug/Kg
98-95-3	Nitrobenzene	45	U	45	52.8	210	ug/Kg
78-59-1	Isophorone	42	U	42	52.8	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	52.8	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	52.8	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	52.8	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	52.8	210	ug/Kg
91-20-3	Naphthalene	42	U	42	52.8	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	52.8	410	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	52.8	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	52.8	210	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	52.8	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	52.8	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	98	U	98	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	52.8	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	52.8	210	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:	DDCK1	SDG No.:	BM100224
Lab Sample ID:	P4020-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BM047789.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	60	U	60	52.8	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	52.8	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.8	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	52.8	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52.8	210	ug/Kg
208-96-8	Acenaphthylene	53	U	53	52.8	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	51	U	51	52.8	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	52.8	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	52.8	210	ug/Kg
84-66-2	Diethylphthalate	74	U	74	52.8	210	ug/Kg
86-73-7	Fluorene	56	U	56	52.8	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	52.8	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	52.8	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	52.8	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	52.8	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.8	210	ug/Kg
1912-24-9	Atrazine	48	U	48	100	410	ug/Kg
87-86-5	Pentachlorophenol	77000	E	110	100	410	ug/Kg
85-01-8	Phenanthrene	55	U	55	52.8	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	52.8	210	ug/Kg
120-12-7	Anthracene	53	U	53	52.8	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	52.8	210	ug/Kg
86-74-8	Carbazole	56	U	56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	52.8	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	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:	DDCK1	SDG No.:	BM100224
Lab Sample ID:	P4020-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BM047789.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	55	U	55	52.8	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	52.8	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	52.8	210	ug/Kg
218-01-9	Chrysene	56	U	56	52.8	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	55	U	55	52.8	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	52.8	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	52.8	210	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	52.8	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	52.8	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	52.8	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	52.8	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	690		46	52.8	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.923		15-120		24	SPK: -8
7291-22-7	Pyridine-d5	5.786	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	12.29		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.858		10-150		27	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.121		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	13.501		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	13.684		10-135		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.381		10-120		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.246		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.986		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.8		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	16.931		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.716		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	17.772		20-140		44	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:	DDCK1	SDG No.:	BM100224
Lab Sample ID:	P4020-10	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.7
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
BM047789.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.861		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	17.348		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	18.876		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.955		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	263765	7.804				
1146-65-2	Naphthalene-d8	1107142	10.598				
15067-26-2	Acenaphthene-d10	738517	14.439				
1517-22-2	Phenanthrene-d10	1476203	17.186				
1719-03-5	Chrysene-d12	1435696	21.403				
1520-96-3	Perylene-d12	1625164	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
007659-86-1	2-Ethylhexyl mercaptoacetate	540	J			14.351	
	(DEL) Alkane: Straight-Chain	14.757	J			14.757	
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	110	J			14.98	
000119-61-9	Benzophenone	130	J			15.792	
000057-10-3	n-Hexadecanoic acid	230	J			18.074	
000301-02-0	9-Octadecenamamide, (Z)-	160	J			20.486	
330207-53-9	E-14-Hexadecenal	130	J			21.074	
E966796	Total Alkanes	84				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	SLCS608	SDG No.:	BM100224
Lab Sample ID:	PB163608BS	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
BM047790.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	230		13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	700		75	82.5	330	ug/Kg
110-86-1	Pyridine	580		43	170	330	ug/Kg
108-95-2	Phenol	640		35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	630		34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	720		28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	670		30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	510		27	82.5	330	ug/Kg
98-86-2	Acetophenone	650		38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	670		32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	620		29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	660		23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	610		36	42.5	170	ug/Kg
78-59-1	Isophorone	640		34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	760		32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	570		28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	640		38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	750		39	42.5	170	ug/Kg
91-20-3	Naphthalene	680		34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	620		43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	690		34	42.5	170	ug/Kg
105-60-2	Caprolactam	830		120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	750		28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	710		41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	720		37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	530		79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	750		43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	740		42	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	SLCS608	SDG No.:	BM100224
Lab Sample ID:	PB163608BS	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
BM047790.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	670		48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	680		45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	630		22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	710		42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	790		21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	690		43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	720		20	82.5	330	ug/Kg
83-32-9	Acenaphthene	680		41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	620		120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	670		41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	690		46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	790		27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	730		60	42.5	170	ug/Kg
86-73-7	Fluorene	690		45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	700		47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	800		42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	660		16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	670		42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	670		51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	710		45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	710		50	42.5	170	ug/Kg
1912-24-9	Atrazine	640		39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	760		87	82.5	330	ug/Kg
85-01-8	Phenanthrene	680		44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	630		51	42.5	170	ug/Kg
120-12-7	Anthracene	670		43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	620		33	42.5	170	ug/Kg
86-74-8	Carbazole	690		45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	770		42	42.5	170	ug/Kg
206-44-0	Fluoranthene	720		44	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	SLCS608	SDG No.:	BM100224
Lab Sample ID:	PB163608BS	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
BM047790.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	700		44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	830		32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	700		23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	710		39	42.5	170	ug/Kg
218-01-9	Chrysene	690		45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	860		44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	810		34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	720		42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	720		45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	710		42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	690		37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	690		37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	680		35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	790		37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.63		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	18.02		20-120		45	SPK: -40
4165-62-2	Phenol-d5	20.131		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.162		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.512		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	21.005		10-140		53	SPK: -40
4165-60-0	Nitrobenzene-d5	21.982		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.624		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.432		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.697		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.022		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	21.554		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.048		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	21.797		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	SLCS608	SDG No.:	BM100224
Lab Sample ID:	PB163608BS	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
BM047790.D	1	9/23/2024 12:00:00 AM	10/2/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.113		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	20.786		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	22.007		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.399		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	288233	7.804				
1146-65-2	Naphthalene-d8	1214773	10.598				
15067-26-2	Acenaphthene-d10	773930	14.439				
1517-22-2	Phenanthrene-d10	1601848	17.18				
1719-03-5	Chrysene-d12	1547000	21.403				
1520-96-3	Perylene-d12	1683424	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	SBLK608	SDG No.:	BM100224
Lab Sample ID:	PB163608BL	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
BM047792.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

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:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	SBLK608	SDG No.:	BM100224
Lab Sample ID:	PB163608BL	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
BM047792.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

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:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	SBLK608	SDG No.:	BM100224
Lab Sample ID:	PB163608BL	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
BM047792.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.198		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	21.159		20-120		53	SPK: -40
4165-62-2	Phenol-d5	22.249		10-130		56	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.237		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.375		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	23.407		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	25.475		10-135		64	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.286		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.795		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.232		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.302		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	25.103		15-120		63	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.26		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	25.98		20-140		65	SPK: -40

Report of Analysis

Client:		Date Collected:	9/23/2024 12:00:00 AM
Project:		Date Received:	9/23/2024 12:00:00 AM
Client Sample ID:	SBLK608	SDG No.:	BM100224
Lab Sample ID:	PB163608BL	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
BM047792.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.588		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	25.507		10-150		64	SPK: -40
1718-52-1	Pyrene-d10	27.658		10-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.046		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	295327	7.805				
1146-65-2	Naphthalene-d8	1237272	10.598				
15067-26-2	Acenaphthene-d10	783745	14.439				
1517-22-2	Phenanthrene-d10	1610612	17.174				
1719-03-5	Chrysene-d12	1502974	21.398				
1520-96-3	Perylene-d12	1734558	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
1000324-48-6	Adipic acid, 2-ethylhexyl octyl es	90	J			20.557	
E966796	Total Alkanes	48	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:	DDCK4	SDG No.:	BM100224
Lab Sample ID:	P4020-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
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
BM047793.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8	80	ug/Kg
100-52-7	Benzaldehyde	90	U	90	99.4	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	99.4	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	99.4	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.2	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	99.4	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	99.4	400	ug/Kg
98-86-2	Acetophenone	46	U	46	99.4	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	99.4	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.2	200	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.2	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	51.2	200	ug/Kg
78-59-1	Isophorone	41	U	41	51.2	200	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.2	200	ug/Kg
91-20-3	Naphthalene	1500		41	51.2	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.2	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.2	200	ug/Kg
105-60-2	Caprolactam	140	U	140	99.4	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	2100		49	51.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	3300	E	45	51.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	99.4	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	97	J	52	51.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	250		51	51.2	200	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:	DDCK4	SDG No.:	BM100224
Lab Sample ID:	P4020-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
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
BM047793.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	210		58	51.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.2	200	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.2	200	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	51.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51.2	200	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51.2	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	99.4	400	ug/Kg
83-32-9	Acenaphthene	93	J	49	51.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	99.4	400	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	99.4	400	ug/Kg
132-64-9	Dibenzofuran	55	U	55	51.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.2	200	ug/Kg
84-66-2	Diethylphthalate	72	U	72	51.2	200	ug/Kg
86-73-7	Fluorene	170	J	54	51.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.2	200	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	99.4	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	99.4	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	51.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51.2	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.2	200	ug/Kg
1912-24-9	Atrazine	47	U	47	99.4	400	ug/Kg
87-86-5	Pentachlorophenol	82000	E	100	99.4	400	ug/Kg
85-01-8	Phenanthrene	470		53	51.2	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	51.2	200	ug/Kg
120-12-7	Anthracene	52	U	52	51.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.2	200	ug/Kg
86-74-8	Carbazole	54	U	54	99.4	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.2	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	99.4	200	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:	DDCK4	SDG No.:	BM100224
Lab Sample ID:	P4020-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
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
BM047793.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	51.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	99.4	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.2	200	ug/Kg
218-01-9	Chrysene	54	U	54	51.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	J	53	51.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	99.4	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	51.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	51.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	51	U	51	51.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	51.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	51.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	51.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	11000	E	45	51.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.436		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	8.676		20-120		22	SPK: -40
4165-62-2	Phenol-d5	14.711		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.372		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.504		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	15.161		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	22.625		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.633		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.115		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.425		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.39		10-145		38	SPK: -40
93951-97-4	Acenaphthylene-d8	16.176		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.638		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	16.432		20-140		41	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:	DDCK4	SDG No.:	BM100224
Lab Sample ID:	P4020-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
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
BM047793.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.854		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	16.118		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	17.215		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.042		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	288767	7.81				
1146-65-2	Naphthalene-d8	975935	10.604				
15067-26-2	Acenaphthene-d10	801753	14.445				
1517-22-2	Phenanthrene-d10	1486519	17.204				
1719-03-5	Chrysene-d12	1420847	21.403				
1520-96-3	Perylene-d12	1664422	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.834	1200	J			5.834	
	(DEL) Alkane: Cyclic6.093	280	J			6.093	
000107-41-5	Hexylene glycol	490	J			6.163	
	(DEL) Alkane: Straight-Chain6.375	420	J			6.375	
	(DEL) Alkane: Cyclic6.457	490	J			6.457	
	(DEL) Alkane: Straight-Chain6.487	240	J			6.487	
	(DEL) Alkane: Straight-Chain6.716	290	J			6.716	
	(DEL) Alkane: Straight-Chain6.781	310	J			6.781	
	(DEL) Alkane: Straight-Chain6.816	550	J			6.816	
	(DEL) Alkane: Straight-Chain6.869	640	J			6.869	
000611-14-3	Benzene, 1-ethyl-2-methyl-	480	J			6.904	
000108-67-8	Mesitylene	360	J			7.04	
000622-96-8	Benzene, 1-ethyl-4-methyl-	410	J			7.204	
019549-80-5	2-Heptanone, 4,6-dimethyl-	460	J			7.246	
	(DEL) Alkane: Straight-Chain7.463	2300	J			7.463	
000104-76-7	1-Hexanol, 2-ethyl-	1200	J			7.887	
000526-73-8	Benzene, 1,2,3-trimethyl-	460	J			7.934	

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:	DDCK4	SDG No.:	BM100224
Lab Sample ID:	P4020-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047793.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain8.010	320	J			8.01	
005989-27-5	D-Limonene	460	J			8.04	
	(DEL) Alkane: Cyclic8.110	410	J			8.11	
000135-01-3	Benzene, 1,2-diethyl-	410	J			8.298	
001074-55-1	Benzene, 1-methyl-4-propyl-	870	J			8.357	
	(DEL) Alkane: Straight-Chain8.410	420	J			8.41	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	620	J			8.457	
	(DEL) Alkane: Straight-Chain8.587	660	J			8.587	
001074-17-5	Benzene, 1-methyl-2-propyl-	470	J			8.622	
000527-84-4	o-Cymene	310	J			8.769	
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-	430	J			8.822	
	(DEL) Alkane: Straight-Chain9.063	2400	J			9.063	
	unknown-01	870	J			9.169	
	(DEL) Alkane: Straight-Chain9.463	120	J			9.463	
	(DEL) Alkane: Cyclic9.610	180	J			9.61	
	unknown-02	230	J			9.757	
	(DEL) Alkane: Straight-Chain9.898	300	J			9.898	
	(DEL) Alkane: Straight-Chain9.963	150	J			9.963	
	(DEL) Alkane: Straight-Chain10.045	190	J			10.045	
	(DEL) Alkane: Straight-Chain10.781	110	J			10.781	
	unknown-03	590	J			10.992	
001185-33-7	1-Butanol, 2,2-dimethyl-	330	J			11.122	
	(DEL) Alkane: Straight-Chain11.528	180	J			11.528	
076649-14-4	3-Octen-2-ol	350	J			11.645	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	380	J			11.71	
	unknown-04	330	J			11.875	
	(DEL) Alkane: Straight-Chain12.045	530	J			12.045	
	(DEL) Alkane: Straight-Chain12.681	150	J			12.681	
000575-43-9	Naphthalene, 1,6-dimethyl-	360	J			13.633	
000571-58-4	Naphthalene, 1,4-dimethyl-	290	J			13.775	

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:	DDCK4	SDG No.:	BM100224
Lab Sample ID:	P4020-02	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.3
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
BM047793.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain13.939	340	J			13.939	
	(DEL) Alkane: Straight-Chain14.363	800	J			14.363	
004948-51-0	9-Methyl-S-octahydroanthracene	330	J			14.592	
	(DEL) Alkane: Straight-Chain14.974	210	J			14.974	
065539-79-9	3,4-Dimethyl(1H)pyrrole, 2-[3,4-d	450	J			15.21	
	(DEL) Alkane: Straight-Chain15.310	630	J			15.31	
	(DEL) Alkane: Straight-Chain15.710	340	J			15.71	
	unknown-05	1300	J			16.074	
	(DEL) Alkane: Straight-Chain16.169	2600	J			16.169	
	(DEL) Alkane: Straight-Chain17.010	1800	J			17.01	
004713-41-1	p-Menth-1-en-3-one, semicarbazone	910	J			17.486	
	(DEL) Alkane: Straight-Chain17.692	2000	J			17.692	
000112-39-0	Hexadecanoic acid, methyl ester	1300	J			17.857	
	(DEL) Alkane: Straight-Chain18.380	1600	J			18.38	
	(DEL) Alkane: Straight-Chain19.009	2200	J			19.009	
1010115-66-1	Tridecanol, 2-ethyl-2-methyl-	1000	J			20.115	
1000383-13-6	Carbonic acid, 2-ethylhexyl nonyl	1500	J			21.086	
	(DEL) Alkane: Straight-Chain21.598	800	J			21.598	
	(DEL) Alkane: Straight-Chain22.056	780	J			22.056	
	(DEL) Alkane: Straight-Chain22.168	1100	J			22.168	
E966796	Total Alkanes	28000				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:	DDCD9	SDG No.:	BM100224
Lab Sample ID:	P4020-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	Level :
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047794.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8	81	ug/Kg
100-52-7	Benzaldehyde	91	U	91	100	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.6	210	ug/Kg
95-48-7	2-Methylphenol	36	U	36	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	100	400	ug/Kg
98-86-2	Acetophenone	46	U	46	100	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.6	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.6	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	51.6	210	ug/Kg
78-59-1	Isophorone	41	U	41	51.6	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.6	210	ug/Kg
91-20-3	Naphthalene	81	J	41	51.6	210	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.6	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.6	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	150	J	50	51.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	240		45	51.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96	U	96	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.6	210	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:	DDCD9	SDG No.:	BM100224
Lab Sample ID:	P4020-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BM047794.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	51.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	51.6	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.6	210	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	51.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51.6	210	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51.6	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	100	400	ug/Kg
83-32-9	Acenaphthene	50	U	50	51.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	400	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	100	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	51.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.6	210	ug/Kg
84-66-2	Diethylphthalate	73	U	73	51.6	210	ug/Kg
86-73-7	Fluorene	55	U	55	51.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.6	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	51.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	51.6	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.6	210	ug/Kg
1912-24-9	Atrazine	47	U	47	100	400	ug/Kg
87-86-5	Pentachlorophenol	52000	E	110	100	400	ug/Kg
85-01-8	Phenanthrene	130	J	53	51.6	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51.6	210	ug/Kg
120-12-7	Anthracene	52	U	52	51.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.6	210	ug/Kg
86-74-8	Carbazole	55	U	55	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.6	210	ug/Kg
206-44-0	Fluoranthene	53	U	53	100	210	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:	DDCD9	SDG No.:	BM100224
Lab Sample ID:	P4020-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BM047794.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	51.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.6	210	ug/Kg
218-01-9	Chrysene	55	U	55	51.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	51.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	51.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	55	U	55	51.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	51	U	51	51.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	51.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	51.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	51.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	5500	E	45	51.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.607		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	11.16		20-120		28	SPK: -40
4165-62-2	Phenol-d5	15.928		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.202		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.03		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	16.906		10-140		42	SPK: -40
4165-60-0	Nitrobenzene-d5	20.428		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.841		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.751		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.171		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.426		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	18.076		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.295		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	18.531		20-140		46	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:	DDCD9	SDG No.:	BM100224
Lab Sample ID:	P4020-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BM047794.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.713		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	18.08		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	20.02		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.831		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	325614	7.804				
1146-65-2	Naphthalene-d8	1179428	10.598				
15067-26-2	Acenaphthene-d10	908789	14.439				
1517-22-2	Phenanthrene-d10	1728022	17.186				
1719-03-5	Chrysene-d12	1683871	21.403				
1520-96-3	Perylene-d12	1926889	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain6.804	270	J			6.804	
000611-14-3	Benzene, 1-ethyl-2-methyl-	230	J			6.898	
	(DEL) Alkane: Straight-Chain7.440	1400	J			7.44	
	(DEL) Alkane: Straight-Chain7.728	240	J			7.728	
000104-76-7	1-Hexanol, 2-ethyl-	920	J			7.875	
000108-67-8	Mesitylene	230	J			7.922	
000496-11-7	Indane	210	J			8.181	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	300	J			8.24	
	(DEL) Alkane: Straight-Chain8.345	410	J			8.345	
	(DEL) Alkane: Straight-Chain8.404	200	J			8.404	
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	310	J			8.445	
	(DEL) Alkane: Straight-Chain8.581	370	J			8.581	
001074-55-1	Benzene, 1-methyl-4-propyl-	220	J			8.61	
059387-92-7	2,7-Dimethyloctan-4-one	730	J			8.804	
1000382-90-8	Carbonic acid, prop-1-en-2-yl trid	1400	J			9.04	
	unknown-01	270	J			9.157	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	190	J			10.986	

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:	DDCD9	SDG No.:	BM100224
Lab Sample ID:	P4020-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BM047794.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
316382-07-7	(R)-3-Methyl-5-propylcyclohex-2-en	490	J			13.022	
	(DEL) Alkane: Straight-Chain13.275	230	J			13.275	
000461-88-1	Pyridine-2,4-diamine	180	J			13.498	
000582-16-1	Naphthalene, 2,7-dimethyl-	380	J			13.622	
000581-40-8	Naphthalene, 2,3-dimethyl-	290	J			13.757	
000571-58-4	Naphthalene, 1,4-dimethyl-	200	J			13.992	
	(DEL) Alkane: Straight-Chain14.345	300	J			14.345	
	(DEL) Alkane: Cyclic14.527	470	J			14.527	
	unknown-02	120	J			14.575	
	unknown-03	140	J			14.698	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	150	J			14.845	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	110	J			14.91	
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	270	J			14.98	
	unknown-04	110	J			15.227	
	(DEL) Alkane: Straight-Chain15.298	380	J			15.298	
	(DEL) Alkane: Straight-Chain15.704	240	J			15.704	
000119-61-9	Benzophenone	160	J			15.798	
	(DEL) Alkane: Straight-Chain16.157	670	J			16.157	
	unknown-05	180	J			16.398	
	(DEL) Alkane: Straight-Chain16.504	140	J			16.504	
	(DEL) Alkane: Straight-Chain16.945	660	J			16.945	
	(DEL) Alkane: Straight-Chain16.998	400	J			16.998	
	(DEL) Alkane: Straight-Chain17.680	530	J			17.68	
000057-10-3	n-Hexadecanoic acid	980	J			18.08	
	(DEL) Alkane: Straight-Chain18.374	540	J			18.374	
	(DEL) Alkane: Straight-Chain19.004	450	J			19.004	
000057-11-4	Octadecanoic acid	220	J			19.351	
	(DEL) Alkane: Straight-Chain20.109	230	J			20.109	
	(DEL) Alkane: Straight-Chain20.604	200	J			20.604	
1000383-13-6	Carbonic acid, 2-ethylhexyl nonyl	1200	J			21.086	

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:	DDCD9	SDG No.:	BM100224
Lab Sample ID:	P4020-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.9
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
BM047794.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain21.598	210	J			21.598	
000112-79-8	9-Octadecenoic acid, (E)-	450	J			22.05	
1000383-14-0	Carbonic acid, 2-ethylhexyl tridec	820	J			22.168	
	(DEL) Alkane: Straight-Chain22.809	130	J			22.809	
	(DEL) Alkane: Straight-Chain23.562	110	J			23.562	
	(DEL) Alkane: Straight-Chain25.480	110	J			25.48	
E966796	Total Alkanes	8900				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:	DDCK6	SDG No.:	BM100224
Lab Sample ID:	P4020-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
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
BM047795.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

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	98.9	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	98.9	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	98.9	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	98.9	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	98.9	400	ug/Kg
98-86-2	Acetophenone	46	U	46	98.9	400	ug/Kg
106-44-5	4-Methylphenol	38	U	38	98.9	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51	200	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	51	200	ug/Kg
78-59-1	Isophorone	41	U	41	51	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51	200	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51	200	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51	200	ug/Kg
91-20-3	Naphthalene	500		41	51	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51	200	ug/Kg
105-60-2	Caprolactam	140	U	140	98.9	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51	200	ug/Kg
90-12-0	1-Methylnaphthalene	810		49	51	200	ug/Kg
91-57-6	2-Methylnaphthalene	1300		44	51	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	98.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	87	J	52	51	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	51	200	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:	DDCK6	SDG No.:	BM100224
Lab Sample ID:	P4020-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
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
BM047795.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	89	J	58	51	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	51	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	51	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51	200	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	98.9	400	ug/Kg
83-32-9	Acenaphthene	49	U	49	51	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	98.9	400	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	98.9	400	ug/Kg
132-64-9	Dibenzofuran	55	U	55	51	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	51	200	ug/Kg
84-66-2	Diethylphthalate	72	U	72	51	200	ug/Kg
86-73-7	Fluorene	79	J	54	51	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	51	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	98.9	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	98.9	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	51	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	51	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51	200	ug/Kg
1912-24-9	Atrazine	47	U	47	98.9	400	ug/Kg
87-86-5	Pentachlorophenol	70000	E	100	98.9	400	ug/Kg
85-01-8	Phenanthrene	240		53	51	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	51	200	ug/Kg
120-12-7	Anthracene	52	U	52	51	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51	200	ug/Kg
86-74-8	Carbazole	54	U	54	98.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	51	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	98.9	200	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:	DDCK6	SDG No.:	BM100224
Lab Sample ID:	P4020-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
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
BM047795.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	51	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	51	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	98.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51	200	ug/Kg
218-01-9	Chrysene	54	U	54	51	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	64	J	53	51	200	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	98.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	51	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	51	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	51	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	51	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	51	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	51	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	11000	E	44	51	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.032		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	7.887		20-120		20	SPK: -40
4165-62-2	Phenol-d5	14.144		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.007		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.189		15-120		38	SPK: -40
190780-66-6	4-Methylphenol-d8	13.635		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	16.297		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.963		10-120		45	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.739		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	9.3		1-145		23	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.169		10-145		40	SPK: -40
93951-97-4	Acenaphthylene-d8	16.122		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	15.978		10-150		40	SPK: -40
81103-79-9	Fluorene-d10	16.181		20-140		40	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:	DDCK6	SDG No.:	BM100224
Lab Sample ID:	P4020-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047795.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.858		10-130		30	SPK: -40
1719-06-8	Anthracene-d10	16.175		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	17.478		10-130		44	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.848		10-140		42	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	334161	7.81				
1146-65-2	Naphthalene-d8	1351685	10.598				
15067-26-2	Acenaphthene-d10	896765	14.439				
1517-22-2	Phenanthrene-d10	1688115	17.192				
1719-03-5	Chrysene-d12	1596789	21.403				
1520-96-3	Perylene-d12	1833315	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.834	920	J			5.834	
	(DEL) Alkane: Straight-Chain6.304	290	J			6.304	
	(DEL) Alkane: Straight-Chain6.375	330	J			6.375	
	(DEL) Alkane: Cyclic6.451	280	J			6.451	
	(DEL) Alkane: Straight-Chain6.810	470	J			6.81	
	(DEL) Alkane: Straight-Chain6.863	580	J			6.863	
000620-14-4	Benzene, 1-ethyl-3-methyl-	370	J			6.904	
000108-67-8	Mesitylene	390	J			7.034	
000611-14-3	Benzene, 1-ethyl-2-methyl-	380	J			7.198	
019549-80-5	2-Heptanone, 4,6-dimethyl-	360	J			7.239	
	(DEL) Alkane: Straight-Chain7.445	3000	J			7.445	
	(DEL) Alkane: Straight-Chain7.734	390	J			7.734	
000104-76-7	1-Hexanol, 2-ethyl-	1800	J			7.881	
	(DEL) Alkane: Cyclic8.104	320	J			8.104	
	unknown-01	660	J			8.351	
	(DEL) Alkane: Straight-Chain8.404	310	J			8.404	
000105-05-5	Benzene, 1,4-diethyl-	550	J			8.451	

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:	DDCK6	SDG No.:	BM100224
Lab Sample ID:	P4020-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047795.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain8.581	630	J			8.581	
001074-17-5	Benzene, 1-methyl-2-propyl-	430	J			8.616	
000527-84-4	o-Cymene	410	J			8.816	
	(DEL) Alkane: Straight-Chain9.051	2400	J			9.051	
002050-24-0	Benzene, 1,3-diethyl-5-methyl-	460	J			9.169	
	(DEL) Alkane: Straight-Chain9.745	140	J			9.745	
	(DEL) Alkane: Straight-Chain9.892	200	J			9.892	
	(DEL) Alkane: Straight-Chain10.039	120	J			10.039	
	unknown-02	410	J			10.986	
	(DEL) Alkane: Straight-Chain11.110	160	J			11.11	
	(DEL) Alkane: Straight-Chain11.527	140	J			11.527	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	350	J			11.704	
	(DEL) Alkane: Straight-Chain12.033	380	J			12.033	
021078-65-9	1-Decanol, 2-ethyl-	660	J			12.68	
	(DEL) Alkane: Straight-Chain12.986	390	J			12.986	
000581-40-8	Naphthalene, 2,3-dimethyl-	920	J			13.621	
000575-37-1	Naphthalene, 1,7-dimethyl-	750	J			13.762	
	(DEL) Alkane: Straight-Chain13.933	690	J			13.933	
075122-81-5	Methyl 2-diethylamino-3-methyl-but	380	J			14.08	
1000309-39-2	Oxalic acid, 2-ethylhexyl nonyl es	3800	J			14.357	
004948-51-0	9-Methyl-S-octahydroanthracene	1200	J			14.586	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	450	J			14.845	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	470	J			14.915	
	(DEL) Alkane: Straight-Chain14.974	660	J			14.974	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	1700	J			15.204	
	(DEL) Alkane: Straight-Chain15.298	1900	J			15.298	
	(DEL) Alkane: Straight-Chain15.704	920	J			15.704	
	unknown-03	480	J			15.798	
1000147-91-3	2-Methylidene-hydrazono-3-methyl-5	450	J			16.074	
	(DEL) Alkane: Straight-Chain16.162	1900	J			16.162	

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:	DDCK6	SDG No.:	BM100224
Lab Sample ID:	P4020-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.6
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
BM047795.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-04	440	J			16.28	
	(DEL) Alkane: Straight-Chain16.509	490	J			16.509	
	(DEL) Alkane: Straight-Chain17.003	1000	J			17.003	
187328-55-8	9,9-Dimethyl-9-sila-9,10-dihydroph	590	J			17.474	
	(DEL) Alkane: Straight-Chain17.686	1300	J			17.686	
005129-60-2	Pentadecanoic acid, 14-methyl-, me	450	J			17.856	
000057-10-3	n-Hexadecanoic acid	860	J			18.08	
	(DEL) Alkane: Straight-Chain18.374	1000	J			18.374	
	(DEL) Alkane: Straight-Chain19.003	1200	J			19.003	
	(DEL) Alkane: Straight-Chain20.109	920	J			20.109	
	(DEL) Alkane: Straight-Chain20.603	590	J			20.603	
1000383-13-8	Carbonic acid, 2-ethylhexyl undecy	2000	J			21.086	
1000406-31-9	Docosane, 1-iodo-	680	J			21.597	
000150-86-7	Phytol	940	J			22.05	
	(DEL) Alkane: Straight-Chain22.168	960	J			22.168	
E966796	Total Alkanes	25000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/7/2024 12:00:00 AM
Project:		Date Received:	9/7/2024 12:00:00 AM
Client Sample ID:	DDCK8	SDG No.:	BM100224
Lab Sample ID:	P4020-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
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
BM047796.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

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	99.2	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	99.2	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	99.2	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.1	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	99.2	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	99.2	400	ug/Kg
98-86-2	Acetophenone	46	U	46	99.2	400	ug/Kg
106-44-5	4-Methylphenol	38	U	38	99.2	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.1	200	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.1	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	51.1	200	ug/Kg
78-59-1	Isophorone	41	U	41	51.1	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.1	200	ug/Kg
91-20-3	Naphthalene	330		41	51.1	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.1	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.1	200	ug/Kg
105-60-2	Caprolactam	140	U	140	99.2	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	580		49	51.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	1000		44	51.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	99.2	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240		52	51.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	69	J	50	51.1	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/7/2024 12:00:00 AM
Project:		Date Received:	9/7/2024 12:00:00 AM
Client Sample ID:	DDCK8	SDG No.:	BM100224
Lab Sample ID:	P4020-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
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
BM047796.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	62	J	58	51.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.1	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	51.1	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	51.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51.1	200	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51.1	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	99.2	400	ug/Kg
83-32-9	Acenaphthene	49	U	49	51.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	99.2	400	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	99.2	400	ug/Kg
132-64-9	Dibenzofuran	55	U	55	51.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	51.1	200	ug/Kg
84-66-2	Diethylphthalate	72	U	72	51.1	200	ug/Kg
86-73-7	Fluorene	63	J	54	51.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.1	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	99.2	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	99.2	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	51.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	51.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51.1	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.1	200	ug/Kg
1912-24-9	Atrazine	47	U	47	99.2	400	ug/Kg
87-86-5	Pentachlorophenol	52000	E	100	99.2	400	ug/Kg
85-01-8	Phenanthrene	200		53	51.1	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	51.1	200	ug/Kg
120-12-7	Anthracene	52	U	52	51.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.1	200	ug/Kg
86-74-8	Carbazole	54	U	54	99.2	400	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	51.1	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	99.2	200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/7/2024 12:00:00 AM
Project:		Date Received:	9/7/2024 12:00:00 AM
Client Sample ID:	DDCK8	SDG No.:	BM100224
Lab Sample ID:	P4020-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
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
BM047796.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	51.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	51.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	99.2	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.1	200	ug/Kg
218-01-9	Chrysene	54	U	54	51.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	51.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	99.2	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	51.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	51.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	51.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	51.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	51.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	51.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	7400	E	44	51.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.235		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	11.209		20-120		28	SPK: -40
4165-62-2	Phenol-d5	13.568		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.143		10-150		30	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.959		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	14.483		10-140		36	SPK: -40
4165-60-0	Nitrobenzene-d5	17.877		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	18.955		10-120		47	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.164		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.915		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.41		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	15.626		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.789		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	15.749		20-140		39	SPK: -40

Report of Analysis

Client:		Date Collected:	9/7/2024 12:00:00 AM
Project:		Date Received:	9/7/2024 12:00:00 AM
Client Sample ID:	DDCK8	SDG No.:	BM100224
Lab Sample ID:	P4020-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
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
BM047796.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.098		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	15.4		10-150		38	SPK: -40
1718-52-1	Pyrene-d10	16.798		10-130		42	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.084		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	308527	7.804				
1146-65-2	Naphthalene-d8	1142914	10.598				
15067-26-2	Acenaphthene-d10	850669	14.439				
1517-22-2	Phenanthrene-d10	1668425	17.192				
1719-03-5	Chrysene-d12	1592148	21.397				
1520-96-3	Perylene-d12	1867845	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.834	760	J			5.834	
000107-41-5	Hexylene glycol	540	J			6.14	
	(DEL) Alkane: Straight-Chain6.375	280	J			6.375	
	(DEL) Alkane: Straight-Chain6.810	450	J			6.81	
	(DEL) Alkane: Straight-Chain6.863	520	J			6.863	
000620-14-4	Benzene, 1-ethyl-3-methyl-	460	J			6.898	
000108-67-8	Mesitylene	280	J			7.034	
000611-14-3	Benzene, 1-ethyl-2-methyl-	370	J			7.198	
019549-80-5	2-Heptanone, 4,6-dimethyl-	370	J			7.239	
	(DEL) Alkane: Straight-Chain7.445	3000	J			7.445	
	(DEL) Alkane: Straight-Chain7.734	360	J			7.734	
000104-76-7	1-Hexanol, 2-ethyl-	1500	J			7.881	
000526-73-8	Benzene, 1,2,3-trimethyl-	310	J			7.928	
	(DEL) Alkane: Cyclic8.104	300	J			8.104	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	810	J			8.239	
	(DEL) Alkane: Straight-Chain8.345	640	J			8.345	
	(DEL) Alkane: Straight-Chain8.404	320	J			8.404	

Report of Analysis

Client:		Date Collected:	9/7/2024 12:00:00 AM
Project:		Date Received:	9/7/2024 12:00:00 AM
Client Sample ID:	DDCK8	SDG No.:	BM100224
Lab Sample ID:	P4020-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	
	GPC Factor :		PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047796.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000105-05-5	Benzene, 1,4-diethyl-	390	J			8.451	
	(DEL) Alkane: Straight-Chain8.581	640	J			8.581	
001074-17-5	Benzene, 1-methyl-2-propyl-	410	J			8.616	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	290	J			8.763	
000527-84-4	o-Cymene	540	J			8.81	
	(DEL) Alkane: Straight-Chain9.045	2500	J			9.045	
002050-24-0	Benzene, 1,3-diethyl-5-methyl-	440	J			9.169	
	(DEL) Alkane: Straight-Chain9.892	110	J			9.892	
	unknown-01	250	J			10.986	
	(DEL) Alkane: Straight-Chain12.033	250	J			12.033	
002639-63-6	Butanoic acid, hexyl ester	550	J			13.41	
004318-76-7	Pyridine, 2,5-diamino-	610	J			13.498	
000575-37-1	Naphthalene, 1,7-dimethyl-	1300	J			13.627	
000109-21-7	Butanoic acid, butyl ester	580	J			13.71	
000571-58-4	Naphthalene, 1,4-dimethyl-	990	J			13.762	
	(DEL) Alkane: Straight-Chain13.933	1100	J			13.933	
1000309-19-3	Sulfurous acid, decyl 2-ethylhexyl	3300	J			14.351	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	700	J			14.845	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	530	J			14.915	
	(DEL) Alkane: Straight-Chain14.974	760	J			14.974	
000941-81-1	4,6,8-Trimethylazulene	1200	J			15.204	
	(DEL) Alkane: Straight-Chain15.298	2400	J			15.298	
	(DEL) Alkane: Straight-Chain15.704	1200	J			15.704	
	unknown-02	640	J			15.798	
	(DEL) Alkane: Straight-Chain16.162	1700	J			16.162	
	(DEL) Alkane: Straight-Chain16.951	1500	J			16.951	
	(DEL) Alkane: Straight-Chain17.003	980	J			17.003	
	unknown-03	450	J			17.48	
	(DEL) Alkane: Straight-Chain17.686	1300	J			17.686	
000112-39-0	Hexadecanoic acid, methyl ester	1100	J			17.856	

Report of Analysis

Client:		Date Collected:	9/7/2024 12:00:00 AM
Project:		Date Received:	9/7/2024 12:00:00 AM
Client Sample ID:	DDCK8	SDG No.:	BM100224
Lab Sample ID:	P4020-12	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
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
BM047796.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000057-10-3	n-Hexadecanoic acid	730	J			18.074	
	(DEL) Alkane: Straight-Chain18.374	1100	J			18.374	
	(DEL) Alkane: Straight-Chain19.003	920	J			19.003	
000112-61-8	Methyl stearate	480	J			19.156	
	(DEL) Alkane: Straight-Chain20.109	650	J			20.109	
	(DEL) Alkane: Straight-Chain20.603	500	J			20.603	
1000383-13-8	Carbonic acid, 2-ethylhexyl undecy	1500	J			21.086	
	(DEL) Alkane: Straight-Chain21.597	580	J			21.597	
	(DEL) Alkane: Straight-Chain22.050	650	J			22.05	
1000309-39-7	Oxalic acid, 2-ethylhexyl tetradec	1000	J			22.168	
E966796	Total Alkanes	25000				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:	DDCF9	SDG No.:	BM100224
Lab Sample ID:	P4020-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BM047797.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

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

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	DDCF9	SDG No.:	BM100224
Lab Sample ID:	P4020-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BM047797.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	52.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	52.2	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.2	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	52.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52.2	210	ug/Kg
208-96-8	Acenaphthylene	53	U	53	52.2	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	50	U	50	52.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	100	410	ug/Kg
132-64-9	Dibenzofuran	57	U	57	52.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	52.2	210	ug/Kg
84-66-2	Diethylphthalate	74	U	74	52.2	210	ug/Kg
86-73-7	Fluorene	55	U	55	52.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	52.2	210	ug/Kg
100-01-6	4-Nitroaniline	52	U	52	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	52.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	52.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	52.2	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	52.2	210	ug/Kg
1912-24-9	Atrazine	48	U	48	100	410	ug/Kg
87-86-5	Pentachlorophenol	91000	E	110	100	410	ug/Kg
85-01-8	Phenanthrene	54	U	54	52.2	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	52.2	210	ug/Kg
120-12-7	Anthracene	53	U	53	52.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	52.2	210	ug/Kg
86-74-8	Carbazole	55	U	55	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	52.2	210	ug/Kg
206-44-0	Fluoranthene	54	U	54	100	210	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:	DDCF9	SDG No.:	BM100224
Lab Sample ID:	P4020-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BM047797.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	52.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	52.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	52.2	210	ug/Kg
218-01-9	Chrysene	55	U	55	52.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	52.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	52.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	55	U	55	52.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	52.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	52.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	52.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	52.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2900		45	52.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.754		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	16.05		20-120		40	SPK: -40
4165-62-2	Phenol-d5	16.789		10-130		42	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.39		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.958		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	18.89		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	20.166		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.859		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.632		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.07		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.686		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	23.306		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.633		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	24.604		20-140		62	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:	DDCF9	SDG No.:	BM100224
Lab Sample ID:	P4020-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	18.6
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
BM047797.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.264		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	23.793		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	25.24		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.348		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	278905	7.804				
1146-65-2	Naphthalene-d8	1188246	10.598				
15067-26-2	Acenaphthene-d10	817701	14.439				
1517-22-2	Phenanthrene-d10	1579662	17.192				
1719-03-5	Chrysene-d12	1582357	21.397				
1520-96-3	Perylene-d12	1759690	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	160	J			15.792	
001825-21-4	Anisole, 2,3,4,5,6-pentachloro-	95	J			17.798	
000057-10-3	n-Hexadecanoic acid	360	J			18.074	
	(DEL) Alkane: Straight-Chain	240	J			21.074	
E966796	Total Alkanes	240				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCK9	SDG No.:	BM100224
Lab Sample ID:	P4020-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
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
BM047798.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.3	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	53.7	210	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	40	U	40	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	53.7	210	ug/Kg
67-72-1	Hexachloroethane	29	U	29	53.7	210	ug/Kg
98-95-3	Nitrobenzene	46	U	46	53.7	210	ug/Kg
78-59-1	Isophorone	43	U	43	53.7	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	53.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	53.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	53.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	53.7	210	ug/Kg
91-20-3	Naphthalene	290		43	53.7	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	53.7	420	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	53.7	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	53.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	470		52	53.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	770		47	53.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	58	J	54	53.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	53.7	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCK9	SDG No.:	BM100224
Lab Sample ID:	P4020-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
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
BM047798.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	53.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	53.7	210	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.7	210	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	53.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	53.7	210	ug/Kg
208-96-8	Acenaphthylene	54	U	54	53.7	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	420	ug/Kg
83-32-9	Acenaphthene	52	U	52	53.7	210	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	53.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	53.7	210	ug/Kg
84-66-2	Diethylphthalate	76	U	76	53.7	210	ug/Kg
86-73-7	Fluorene	57	U	57	53.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	53.7	210	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	53.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	53.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	53.7	210	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.7	210	ug/Kg
1912-24-9	Atrazine	49	U	49	100	420	ug/Kg
87-86-5	Pentachlorophenol	69000	E	110	100	420	ug/Kg
85-01-8	Phenanthrene	150	J	56	53.7	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	53.7	210	ug/Kg
120-12-7	Anthracene	54	U	54	53.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	53.7	210	ug/Kg
86-74-8	Carbazole	57	U	57	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	53	53.7	210	ug/Kg
206-44-0	Fluoranthene	56	U	56	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCK9	SDG No.:	BM100224
Lab Sample ID:	P4020-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
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
BM047798.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	53.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	53.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	53.7	210	ug/Kg
218-01-9	Chrysene	57	U	57	53.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	53.7	210	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	53.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	57	U	57	53.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	53	U	53	53.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	53.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	47	U	47	53.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	53.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	12000	E	47	53.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.856		15-120		36	SPK: -8
7291-22-7	Pyridine-d5	14.95		20-120		37	SPK: -40
4165-62-2	Phenol-d5	17.637		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.133		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.343		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	18.64		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	20.571		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.651		10-120		57	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.252		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.172		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.475		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	20.497		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.855		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	20.438		20-140		51	SPK: -40

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCK9	SDG No.:	BM100224
Lab Sample ID:	P4020-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
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
BM047798.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.152		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	19.932		10-150		50	SPK: -40
1718-52-1	Pyrene-d10	21.293		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.954		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	319864	7.804				
1146-65-2	Naphthalene-d8	1312356	10.598				
15067-26-2	Acenaphthene-d10	861438	14.439				
1517-22-2	Phenanthrene-d10	1673651	17.192				
1719-03-5	Chrysene-d12	1640738	21.398				
1520-96-3	Perylene-d12	1845961	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.834	840	J			5.834	
	(DEL) Alkane: Straight-Chain6.375	310	J			6.375	
	(DEL) Alkane: Cyclic6.451	370	J			6.451	
	(DEL) Alkane: Straight-Chain6.810	430	J			6.81	
	(DEL) Alkane: Straight-Chain6.863	520	J			6.863	
000611-14-3	Benzene, 1-ethyl-2-methyl-	350	J			6.904	
000108-67-8	Mesitylene	350	J			7.034	
019549-80-5	2-Heptanone, 4,6-dimethyl-	460	J			7.24	
	(DEL) Alkane: Straight-Chain7.446	3000	J			7.446	
	(DEL) Alkane: Straight-Chain7.734	320	J			7.734	
000104-76-7	1-Hexanol, 2-ethyl-	1600	J			7.875	
000526-73-8	Benzene, 1,2,3-trimethyl-	300	J			7.928	
	(DEL) Alkane: Cyclic8.104	310	J			8.104	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	300	J			8.24	
000141-93-5	Benzene, 1,3-diethyl-	360	J			8.293	
	(DEL) Alkane: Straight-Chain8.345	770	J			8.345	
	(DEL) Alkane: Straight-Chain8.404	390	J			8.404	

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCK9	SDG No.:	BM100224
Lab Sample ID:	P4020-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Level :	LOW
Decanted :			
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047798.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000105-05-5	Benzene, 1,4-diethyl-	470	J			8.451	
	(DEL) Alkane: Straight-Chain8.581	620	J			8.581	
001074-55-1	Benzene, 1-methyl-4-propyl-	370	J			8.616	
000527-84-4	o-Cymene	370	J			8.81	
	(DEL) Alkane: Straight-Chain9.045	2600	J			9.045	
002096-86-8	4-Methylphenyl acetone	590	J			9.163	
	(DEL) Alkane: Straight-Chain9.604	90	J			9.604	
	(DEL) Alkane: Straight-Chain9.892	170	J			9.892	
	(DEL) Alkane: Straight-Chain10.034	110	J			10.034	
	unknown-01	400	J			10.986	
	(DEL) Alkane: Straight-Chain11.110	200	J			11.11	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	350	J			11.698	
	(DEL) Alkane: Straight-Chain12.034	340	J			12.034	
	(DEL) Alkane: Straight-Chain12.675	750	J			12.675	
	(DEL) Alkane: Straight-Chain12.986	320	J			12.986	
000116-02-9	Cyclohexanol, 3,3,5-trimethyl-	450	J			13.498	
000581-40-8	Naphthalene, 2,3-dimethyl-	710	J			13.622	
000575-37-1	Naphthalene, 1,7-dimethyl-	560	J			13.763	
	(DEL) Alkane: Straight-Chain13.933	570	J			13.933	
	unknown-02	380	J			14.075	
	(DEL) Alkane: Straight-Chain14.357	5500	J			14.357	
	unknown-03	550	J			14.522	
004948-51-0	9-Methyl-S-octahydroanthracene	1200	J			14.586	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	390	J			14.845	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	350	J			14.91	
	(DEL) Alkane: Straight-Chain14.975	520	J			14.975	
022106-37-2	4-(1-Pyrrolyl)acetophenone	1400	J			15.204	
	(DEL) Alkane: Straight-Chain15.298	1900	J			15.298	
	(DEL) Alkane: Straight-Chain15.704	720	J			15.704	
	unknown-04	520	J			15.798	

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCK9	SDG No.:	BM100224
Lab Sample ID:	P4020-13	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.9
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
BM047798.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain16.157	1200	J			16.157	
013187-99-0	2-Bromo dodecane	720	J			17.004	
126584-00-7	1,5,6,7-Tetramethyl-3-phenylbicycl	440	J			17.474	
	(DEL) Alkane: Straight-Chain17.680	850	J			17.68	
005129-60-2	Pentadecanoic acid, 14-methyl-, me	500	J			17.851	
000057-10-3	n-Hexadecanoic acid	680	J			18.08	
	(DEL) Alkane: Straight-Chain18.374	690	J			18.374	
	(DEL) Alkane: Straight-Chain19.004	580	J			19.004	
1000309-12-6	Sulfurous acid, pentadecyl 2-propy	620	J			20.109	
	(DEL) Alkane: Straight-Chain20.604	370	J			20.604	
1000383-13-6	Carbonic acid, 2-ethylhexyl nonyl	1300	J			21.086	
	(DEL) Alkane: Straight-Chain21.598	430	J			21.598	
000112-79-8	9-Octadecenoic acid, (E)-	410	J			22.051	
	(DEL) Alkane: Straight-Chain22.168	630	J			22.168	
E966796	Total Alkanes	26000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCL0	SDG No.:	BM100224
Lab Sample ID:	P4020-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BM047799.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8	81	ug/Kg
100-52-7	Benzaldehyde	91	U	91	100	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.6	210	ug/Kg
95-48-7	2-Methylphenol	36	U	36	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	100	400	ug/Kg
98-86-2	Acetophenone	46	U	46	100	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.6	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.6	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	51.6	210	ug/Kg
78-59-1	Isophorone	41	U	41	51.6	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.6	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.6	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.6	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.6	210	ug/Kg
91-20-3	Naphthalene	500		41	51.6	210	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.6	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.6	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.6	210	ug/Kg
90-12-0	1-Methylnaphthalene	790		50	51.6	210	ug/Kg
91-57-6	2-Methylnaphthalene	1300		45	51.6	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96	U	96	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	72	J	52	51.6	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	J	51	51.6	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCL0	SDG No.:	BM100224
Lab Sample ID:	P4020-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047799.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	91	J	58	51.6	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	51.6	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.6	210	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	51.6	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51.6	210	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51.6	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	100	400	ug/Kg
83-32-9	Acenaphthene	50	U	50	51.6	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	400	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	100	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	51.6	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.6	210	ug/Kg
84-66-2	Diethylphthalate	73	U	73	51.6	210	ug/Kg
86-73-7	Fluorene	74	J	55	51.6	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.6	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.6	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	51.6	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	51.6	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.6	210	ug/Kg
1912-24-9	Atrazine	47	U	47	100	400	ug/Kg
87-86-5	Pentachlorophenol	81000	E	110	100	400	ug/Kg
85-01-8	Phenanthrene	230		53	51.6	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51.6	210	ug/Kg
120-12-7	Anthracene	52	U	52	51.6	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.6	210	ug/Kg
86-74-8	Carbazole	55	U	55	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.6	210	ug/Kg
206-44-0	Fluoranthene	53	U	53	100	210	ug/Kg

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCL0	SDG No.:	BM100224
Lab Sample ID:	P4020-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BM047799.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	51.6	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.6	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.6	210	ug/Kg
218-01-9	Chrysene	55	U	55	51.6	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	51.6	210	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	51.6	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	55	U	55	51.6	210	ug/Kg
50-32-8	Benzo(a)pyrene	51	U	51	51.6	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	51.6	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	51.6	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	51.6	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	14000	E	45	51.6	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.416		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	18.553		20-120		46	SPK: -40
4165-62-2	Phenol-d5	22.194		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.361		10-150		48	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.409		15-120		64	SPK: -40
190780-66-6	4-Methylphenol-d8	23.446		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	1.241	*	10-135		3	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.865		10-120		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.315		10-140		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.403		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.147		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	24.378		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.141		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	24.211		20-140		61	SPK: -40

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCL0	SDG No.:	BM100224
Lab Sample ID:	P4020-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BM047799.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.972		10-130		52	SPK: -40
1719-06-8	Anthracene-d10	23.69		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	25.667		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.203		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	305184	7.804				
1146-65-2	Naphthalene-d8	1182912	10.604				
15067-26-2	Acenaphthene-d10	833729	14.445				
1517-22-2	Phenanthrene-d10	1592279	17.198				
1719-03-5	Chrysene-d12	1508562	21.403				
1520-96-3	Perylene-d12	1726832	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.834	850	J			5.834	
	(DEL) Alkane: Straight-Chain6.375	320	J			6.375	
	(DEL) Alkane: Cyclic6.451	300	J			6.451	
	(DEL) Alkane: Straight-Chain6.810	440	J			6.81	
	(DEL) Alkane: Straight-Chain6.863	560	J			6.863	
000620-14-4	Benzene, 1-ethyl-3-methyl-	300	J			6.904	
000526-73-8	Benzene, 1,2,3-trimethyl-	280	J			7.034	
000622-96-8	Benzene, 1-ethyl-4-methyl-	290	J			7.198	
019549-80-5	2-Heptanone, 4,6-dimethyl-	560	J			7.24	
	(DEL) Alkane: Straight-Chain7.446	2700	J			7.446	
	(DEL) Alkane: Straight-Chain7.734	320	J			7.734	
000104-76-7	1-Hexanol, 2-ethyl-	1700	J			7.881	
005989-27-5	D-Limonene	450	J			8.034	
	(DEL) Alkane: Cyclic8.104	330	J			8.104	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	350	J			8.24	
000141-93-5	Benzene, 1,3-diethyl-	380	J			8.293	
001074-43-7	Benzene, 1-methyl-3-propyl-	790	J			8.351	

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCL0	SDG No.:	BM100224
Lab Sample ID:	P4020-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
Sample Wt/Vol:	30	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047799.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain8.404	410	J			8.404	
000135-01-3	Benzene, 1,2-diethyl-	440	J			8.451	
	(DEL) Alkane: Straight-Chain8.581	650	J			8.581	
001074-55-1	Benzene, 1-methyl-4-propyl-	390	J			8.616	
000527-84-4	o-Cymene	380	J			8.816	
	(DEL) Alkane: Straight-Chain9.051	2400	J			9.051	
	unknown-01	660	J			9.169	
	(DEL) Alkane: Cyclic9.604	97	J			9.604	
	(DEL) Alkane: Straight-Chain9.892	180	J			9.892	
	(DEL) Alkane: Straight-Chain9.957	86	J			9.957	
	(DEL) Alkane: Straight-Chain10.040	110	J			10.04	
	(DEL) Alkane: Cyclic10.881	89	J			10.881	
	unknown-02	370	J			10.986	
	(DEL) Alkane: Straight-Chain11.116	230	J			11.116	
	(DEL) Alkane: Straight-Chain11.522	160	J			11.522	
	(DEL) Alkane: Straight-Chain12.034	320	J			12.034	
	unknown-03	670	J			12.681	
	unknown-04	640	J			13.498	
000582-16-1	Naphthalene, 2,7-dimethyl-	900	J			13.628	
	unknown-05	380	J			13.71	
000581-40-8	Naphthalene, 2,3-dimethyl-	670	J			13.763	
	(DEL) Alkane: Straight-Chain13.933	750	J			13.933	
1000309-39-2	Oxalic acid, 2-ethylhexyl nonyl es	3500	J			14.357	
1000271-83-0	Cyclopropane, 1-methoxy-2,2-dimeth	850	J			14.586	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	430	J			14.845	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	400	J			14.916	
	(DEL) Alkane: Straight-Chain14.975	780	J			14.975	
000941-81-1	4,6,8-Trimethylazulene	1200	J			15.204	
	(DEL) Alkane: Straight-Chain15.298	1800	J			15.298	
	(DEL) Alkane: Straight-Chain15.704	900	J			15.704	

Report of Analysis

Client:		Date Collected:	9/11/2024 12:00:00 AM
Project:		Date Received:	9/11/2024 12:00:00 AM
Client Sample ID:	DDCL0	SDG No.:	BM100224
Lab Sample ID:	P4020-14	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.6
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
BM047799.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-06	470	J			15.798	
	(DEL) Alkane: Straight-Chain16.163	1900	J			16.163	
	(DEL) Alkane: Straight-Chain17.004	1000	J			17.004	
187328-55-8	9,9-Dimethyl-9-sila-9,10-dihydroph	540	J			17.48	
	(DEL) Alkane: Straight-Chain17.686	1200	J			17.686	
005129-60-2	Pentadecanoic acid, 14-methyl-, me	930	J			17.857	
000057-10-3	n-Hexadecanoic acid	920	J			18.08	
	(DEL) Alkane: Straight-Chain18.374	1000	J			18.374	
004292-19-7	Dodecane, 1-iodo-	820	J			19.009	
	(DEL) Alkane: Straight-Chain20.109	900	J			20.109	
	(DEL) Alkane: Straight-Chain20.604	590	J			20.604	
1000383-13-6	Carbonic acid, 2-ethylhexyl nonyl	1700	J			21.086	
	(DEL) Alkane: Straight-Chain21.598	670	J			21.598	
	(DEL) Alkane: Straight-Chain22.051	600	J			22.051	
	(DEL) Alkane: Straight-Chain22.168	960	J			22.168	
E966796	Total Alkanes	24000				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:	DDCK2	SDG No.:	BM100224
Lab Sample ID:	P4020-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047800.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.6	77	ug/Kg
100-52-7	Benzaldehyde	87	U	87	95.2	380	ug/Kg
110-86-1	Pyridine	50	U	50	190	380	ug/Kg
108-95-2	Phenol	40	U	40	95.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	95.2	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	49	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	95.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	95.2	380	ug/Kg
98-86-2	Acetophenone	44	U	44	95.2	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	95.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	49	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49	200	ug/Kg
78-59-1	Isophorone	39	U	39	49	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49	200	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	49	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	49	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	49	200	ug/Kg
91-20-3	Naphthalene	39	U	39	49	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	49	200	ug/Kg
105-60-2	Caprolactam	140	U	140	95.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	49	200	ug/Kg
90-12-0	1-Methylnaphthalene	47	U	47	49	200	ug/Kg
91-57-6	2-Methylnaphthalene	43	U	43	49	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	91	U	91	95.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	49	200	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:	DDCK2	SDG No.:	BM100224
Lab Sample ID:	P4020-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047800.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	55	U	55	49	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49	200	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	49	200	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	49	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	49	200	ug/Kg
208-96-8	Acenaphthylene	50	U	50	49	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	95.2	380	ug/Kg
83-32-9	Acenaphthene	47	U	47	49	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	95.2	380	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	95.2	380	ug/Kg
132-64-9	Dibenzofuran	53	U	53	49	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	49	200	ug/Kg
84-66-2	Diethylphthalate	69	U	69	49	200	ug/Kg
86-73-7	Fluorene	52	U	52	49	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	54	U	54	49	200	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	95.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	95.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	49	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	49	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	49	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49	200	ug/Kg
1912-24-9	Atrazine	45	U	45	95.2	380	ug/Kg
87-86-5	Pentachlorophenol	18000	E	100	95.2	380	ug/Kg
85-01-8	Phenanthrene	51	U	51	49	200	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	49	200	ug/Kg
120-12-7	Anthracene	50	U	50	49	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	49	200	ug/Kg
86-74-8	Carbazole	52	U	52	95.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	49	200	ug/Kg
206-44-0	Fluoranthene	51	U	51	95.2	200	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:	DDCK2	SDG No.:	BM100224
Lab Sample ID:	P4020-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047800.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	49	200	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	49	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	95.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	49	200	ug/Kg
218-01-9	Chrysene	52	U	52	49	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	49	200	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	95.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	49	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	49	200	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	49	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	49	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	49	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	49	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	650		43	49	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.248		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	0.657	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	16.233		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.891		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.14		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	18.11		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	19.041		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.343		10-120		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.03		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.87		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.777		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.633		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.616		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	21.944		20-140		55	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:	DDCK2	SDG No.:	BM100224
Lab Sample ID:	P4020-11	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	13.3
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047800.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.929		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	21.328		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	23.191		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.308		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	290643	7.804				
1146-65-2	Naphthalene-d8	1224052	10.598				
15067-26-2	Acenaphthene-d10	812218	14.439				
1517-22-2	Phenanthrene-d10	1671164	17.18				
1719-03-5	Chrysene-d12	1589259	21.398				
1520-96-3	Perylene-d12	1795589	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	510	A			4.922	
000107-41-5	Hexylene glycol	750	J			6.128	
	unknown-01	180	J			8.045	
	unknown-02	120	J			10.475	
007659-86-1	2-Ethylhexyl mercaptoacetate	1200	J			14.345	
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	95	J			14.98	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	97	J			15.198	
007425-14-1	2-Ethylhexyl 2-ethylhexanoate	78	J			15.274	
000119-61-9	Benzophenone	220	J			15.792	
000057-10-3	n-Hexadecanoic acid	420	J			18.074	
	(DEL) Alkane: Straight-Chain	230	J			21.074	
E966796	Total Alkanes	230				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:	DDCL3	SDG No.:	BM100224
Lab Sample ID:	P4020-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
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
BM047801.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

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	53.1	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	53.1	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	43	U	43	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	48	U	48	53.1	210	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	53.1	210	ug/Kg
91-20-3	Naphthalene	43	U	43	53.1	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	53.1	410	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	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	51	U	51	53.1	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	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	53	U	53	53.1	210	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:	DDCL3	SDG No.:	BM100224
Lab Sample ID:	P4020-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
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
BM047801.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

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	28	U	28	53.1	210	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	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	58	U	58	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	56	U	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	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	53.1	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	63	U	63	53.1	210	ug/Kg
1912-24-9	Atrazine	49	U	49	100	410	ug/Kg
87-86-5	Pentachlorophenol	1100		110	100	410	ug/Kg
85-01-8	Phenanthrene	55	U	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	53	U	53	53.1	210	ug/Kg
206-44-0	Fluoranthene	55	U	55	100	210	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:	DDCL3	SDG No.:	BM100224
Lab Sample ID:	P4020-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
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
BM047801.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

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	55	U	55	53.1	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	53.1	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	53.1	210	ug/Kg
50-32-8	Benzo(a)pyrene	53	U	53	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	100	J	46	53.1	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.692		15-120		21	SPK: -8
7291-22-7	Pyridine-d5	6.462	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	9.726		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.672		10-150		24	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.6		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	11.849		10-140		30	SPK: -40
4165-60-0	Nitrobenzene-d5	13.062		10-135		33	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.548		10-120		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.926		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.774		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.158		10-145		38	SPK: -40
93951-97-4	Acenaphthylene-d8	14.651		15-120		37	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.234		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	15.534		20-140		39	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:	DDCL3	SDG No.:	BM100224
Lab Sample ID:	P4020-15	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.3
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
BM047801.D	1	9/23/2024 12:00:00 AM	10/3/2024 12:00:00 AM	PB163608

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.426		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	14.866		10-150		37	SPK: -40
1718-52-1	Pyrene-d10	15.843		10-130		40	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.826		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	261989	7.804				
1146-65-2	Naphthalene-d8	1068748	10.598				
15067-26-2	Acenaphthene-d10	675299	14.439				
1517-22-2	Phenanthrene-d10	1438417	17.174				
1719-03-5	Chrysene-d12	1428064	21.397				
1520-96-3	Perylene-d12	1647172	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	270	A			4.922	
000107-41-5	Hexylene glycol	770	J			6.128	
	unknown-01	410	J			8.039	
000149-57-5	Hexanoic acid, 2-ethyl-	890	J			9.134	
000144-19-4	1,3-Pentanediol, 2,2,4-trimethyl-	120	J			10.098	
	unknown-02	130	J			10.475	
000119-61-9	Benzophenone	140	J			15.792	
000057-10-3	n-Hexadecanoic acid	180	J			18.074	
000506-51-4	n-Tetracosanol-1	110	J			21.074	
E966796	Total Alkanes	60	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM100224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : DDCA0DL								
P4018-02DL	DDCA0DL	Solid	(DEL) Alkane: Straight-Chain14.2 *	2,000.000	JD			
P4018-02DL	DDCA0DL	Solid	(DEL) Alkane: Straight-Chain15.2 *	520.000	JD			
P4018-02DL	DDCA0DL	Solid	(DEL) Alkane: Straight-Chain16.1 *	470.000	JD			
P4018-02DL	DDCA0DL	Solid	(DEL) Alkane: Straight-Chain16.5 *	440.000	JD			
P4018-02DL	DDCA0DL	Solid	Total Alkanes *	3,400.000	D	300	1000	ug/Kg
Total Tics :				6,830.00				
P4018-02DL	DDCA0DL	Solid	2,3,4,6-Tetrachlorophenol	290.000	JD	230	1000	ug/Kg
P4018-02DL	DDCA0DL	Solid	Pentachlorophenol	15,000.000	D	540	2000	ug/Kg
Total Svoc :				15,290.00				
Total Concentration:				22,120.00				
Client ID : DDCA2DL								
P4018-04DL	DDCA2DL	Solid	(DEL) Alkane: Straight-Chain15.2 *	1,700.000	JD			
P4018-04DL	DDCA2DL	Solid	(DEL) Alkane: Straight-Chain5.82 *	2,600.000	JD			
P4018-04DL	DDCA2DL	Solid	(DEL) Alkane: Straight-Chain6.90 *	2,800.000	JD			
P4018-04DL	DDCA2DL	Solid	(DEL) Alkane: Straight-Chain7.44 *	8,200.000	JD			
P4018-04DL	DDCA2DL	Solid	(DEL) Alkane: Straight-Chain9.02 *	5,300.000	JD			
P4018-04DL	DDCA2DL	Solid	1-Hexanol, 2-ethyl- *	5,900.000	JD			
P4018-04DL	DDCA2DL	Solid	3,4-Dimethyl(1H)pyrrole, 2-[(3,4- *	2,100.000	JD			
P4018-04DL	DDCA2DL	Solid	Benzene, 1,3,5-trimethyl-2-(1-met *	1,800.000	JD			
P4018-04DL	DDCA2DL	Solid	Butanoic acid, butyl ester *	2,000.000	JD			
P4018-04DL	DDCA2DL	Solid	Sulfurous acid, 2-ethylhexyl nony *	8,400.000	JD			
P4018-04DL	DDCA2DL	Solid	unknown-01 *	2,000.000	JD			
P4018-04DL	DDCA2DL	Solid	unknown-02 *	1,800.000	JD			
P4018-04DL	DDCA2DL	Solid	Total Alkanes *	21,000.000	D	1200	4200	ug/Kg
Total Tics :				65,600.00				
P4018-04DL	DDCA2DL	Solid	2,3,4,6-Tetrachlorophenol	6,600.000	D	920	4200	ug/Kg
P4018-04DL	DDCA2DL	Solid	Pentachlorophenol	79,000.000	D	2200	8200	ug/Kg
Total Svoc :				85,600.00				
Total Concentration:				151,200.00				
Client ID : DDCB2DL								
P4018-06DL	DDCB2DL	Solid	Total Alkanes *	0.000	D	1100	3900	ug/Kg
Total Tics :				0.00				
P4018-06DL	DDCB2DL	Solid	Pentachlorophenol	42,000.000	D	2000	7600	ug/Kg
Total Svoc :				42,000.00				
Total Concentration:				42,000.00				
Client ID : DDCB3DL2								

Hit Summary Sheet SW-846

SDG No.: BM100224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4018-07DL2	DDCB3DL2	Solid	Oxalic acid, 2-ethylhexyl octyl es *	2,900.000	JD			
P4018-07DL2	DDCB3DL2	Solid	Total Alkanes *	0.000	D	1700	6000	ug/Kg
			Total Tics :	2,900.00				
P4018-07DL2	DDCB3DL2	Solid	2,3,4,6-Tetrachlorophenol	7,000.000	D	1300	6000	ug/Kg
P4018-07DL2	DDCB3DL2	Solid	Pentachlorophenol	80,000.000	D	3100	12000	ug/Kg
			Total Svoc :	87,000.00				
			Total Concentration:	89,900.00				
Client ID : DDCE0DL2								
P4018-13DL2	DDCE0DL2	Solid	(DEL) Alkane: Straight-Chain14.2 *	14,000.000	JD			
P4018-13DL2	DDCE0DL2	Solid	Total Alkanes *	14,000.000	D	1700	6100	ug/Kg
			Total Tics :	28,000.00				
P4018-13DL2	DDCE0DL2	Solid	2,3,4,6-Tetrachlorophenol	6,100.000	D	1300	6100	ug/Kg
P4018-13DL2	DDCE0DL2	Solid	Pentachlorophenol	100,000.000	D	3100	12000	ug/Kg
			Total Svoc :	106,100.00				
			Total Concentration:	134,100.00				
Client ID : DDC26								
P4020-01	DDC26	Solid	Benzophenone *	170.000	J			
P4020-01	DDC26	Solid	n-Hexadecanoic acid *	95.000	J			
P4020-01	DDC26	Solid	Total Alkanes *	0.000		61	220	ug/Kg
			Total Tics :	265.00				
P4020-01	DDC26	Solid	Pentachlorophenol	600.000		110	420	ug/Kg
			Total Svoc :	600.00				
			Total Concentration:	865.00				
Client ID : DDCK4								
P4020-02	DDCK4	Solid	(DEL) Alkane: Cyclic6.093 *	280.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Cyclic6.457 *	490.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Cyclic8.110 *	410.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Cyclic9.610 *	180.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain10.6 *	190.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain10.7 *	110.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain11.5 *	180.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain12.6 *	530.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain12.6 *	150.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain13.9 *	340.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain14.2 *	800.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain14.9 *	210.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain15.2 *	630.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain15.7 *	340.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain16.1 *	2,600.000	J			

Hit Summary Sheet SW-846

SDG No.: BM100224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain17.6	1,800.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain17.6	2,000.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain18.2	1,600.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain19.0	2,200.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain21.4	800.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain22.0	780.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain22.1	1,100.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain5.8	1,200.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain6.3	420.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain6.4	240.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain6.7	290.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain6.7	310.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain6.8	550.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain6.8	640.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain7.4	2,300.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain8.0	320.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain8.4	420.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain8.5	660.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain9.0	2,400.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain9.4	120.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain9.8	300.000	J			
P4020-02	DDCK4	Solid	(DEL) Alkane: Straight-Chain9.9	150.000	J			
P4020-02	DDCK4	Solid	1-Butanol, 2,2-dimethyl-	330.000	J			
P4020-02	DDCK4	Solid	1-Hexanol, 2-ethyl-	1,200.000	J			
P4020-02	DDCK4	Solid	2-Heptanone, 4,6-dimethyl-	460.000	J			
P4020-02	DDCK4	Solid	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-	450.000	J			
P4020-02	DDCK4	Solid	3-Octen-2-ol	350.000	J			
P4020-02	DDCK4	Solid	9-Methyl-S-octahydroanthracene	330.000	J			
P4020-02	DDCK4	Solid	Benzene, 1,2,3-trimethyl-	460.000	J			
P4020-02	DDCK4	Solid	Benzene, 1,2-diethyl-	410.000	J			
P4020-02	DDCK4	Solid	Benzene, 1,3,5-trimethyl-2-(1-met	380.000	J			
P4020-02	DDCK4	Solid	Benzene, 1-ethyl-2-methyl-	480.000	J			
P4020-02	DDCK4	Solid	Benzene, 1-ethyl-4-methyl-	410.000	J			
P4020-02	DDCK4	Solid	Benzene, 1-methyl-2-propyl-	470.000	J			
P4020-02	DDCK4	Solid	Benzene, 1-methyl-3-(1-methylethyl	430.000	J			
P4020-02	DDCK4	Solid	Benzene, 1-methyl-4-propyl-	870.000	J			
P4020-02	DDCK4	Solid	Benzene, 2-ethyl-1,4-dimethyl-	620.000	J			
P4020-02	DDCK4	Solid	Carbonic acid, 2-ethylhexyl nonyl	1,500.000	J			
P4020-02	DDCK4	Solid	D-Limonene	460.000	J			
P4020-02	DDCK4	Solid	Hexadecanoic acid, methyl ester	1,300.000	J			

Hit Summary Sheet SW-846

SDG No.: BM100224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4020-02	DDCK4	Solid	Hexylene glycol	*	490.000	J		
P4020-02	DDCK4	Solid	Mesitylene	*	360.000	J		
P4020-02	DDCK4	Solid	Naphthalene, 1,4-dimethyl-	*	290.000	J		
P4020-02	DDCK4	Solid	Naphthalene, 1,6-dimethyl-	*	360.000	J		
P4020-02	DDCK4	Solid	o-Cymene	*	310.000	J		
P4020-02	DDCK4	Solid	p-Menth-1-en-3-one, semicarbazol	*	910.000	J		
P4020-02	DDCK4	Solid	Tridecanol, 2-ethyl-2-methyl-	*	1,000.000	J		
P4020-02	DDCK4	Solid	unknown-01	*	870.000	J		
P4020-02	DDCK4	Solid	unknown-02	*	230.000	J		
P4020-02	DDCK4	Solid	unknown-03	*	590.000	J		
P4020-02	DDCK4	Solid	unknown-04	*	330.000	J		
P4020-02	DDCK4	Solid	unknown-05	*	1,300.000	J		
P4020-02	DDCK4	Solid	Total Alkanes	*	28,000.000		58	200 ug/Kg
Total Tics :				73,990.00				
P4020-02	DDCK4	Solid	1,1-Biphenyl		210.000		58	200 ug/Kg
P4020-02	DDCK4	Solid	1-Methylnaphthalene		2,100.000		49	200 ug/Kg
P4020-02	DDCK4	Solid	2,3,4,6-Tetrachlorophenol		11,000.000	E	45	200 ug/Kg
P4020-02	DDCK4	Solid	2,4,5-Trichlorophenol		250.000		51	200 ug/Kg
P4020-02	DDCK4	Solid	2,4,6-Trichlorophenol		97.000	J	52	200 ug/Kg
P4020-02	DDCK4	Solid	2-Methylnaphthalene		3,300.000	E	45	200 ug/Kg
P4020-02	DDCK4	Solid	Acenaphthene		93.000	J	49	200 ug/Kg
P4020-02	DDCK4	Solid	Bis(2-ethylhexyl)phthalate		100.000	J	53	200 ug/Kg
P4020-02	DDCK4	Solid	Fluorene		170.000	J	54	200 ug/Kg
P4020-02	DDCK4	Solid	Naphthalene		1,500.000		41	200 ug/Kg
P4020-02	DDCK4	Solid	Pentachlorophenol		82,000.000	E	100	400 ug/Kg
P4020-02	DDCK4	Solid	Phenanthrene		470.000		53	200 ug/Kg
Total Svoc :				101,290.00				
Total Concentration:				175,280.00				
Client ID : DDCD9								
P4020-03	DDCD9	Solid	(DEL) Alkane: Cyclic14.527	*	470.000	J		
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain13.2	*	230.000	J		
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain14.3	*	300.000	J		
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain15.2	*	380.000	J		
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain15.7	*	240.000	J		
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain16.1	*	670.000	J		
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain16.4	*	140.000	J		
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain16.9	*	660.000	J		
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain16.9	*	400.000	J		
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain17.6	*	530.000	J		
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain18.3	*	540.000	J		

Hit Summary Sheet
SW-846

SDG No.: BM100224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain19.0	* 450.000	J			
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain20.1	* 230.000	J			
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain20.6	* 200.000	J			
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain21.5	* 210.000	J			
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain22.8	* 130.000	J			
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain23.5	* 110.000	J			
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain25.4	* 110.000	J			
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain6.8	* 270.000	J			
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain7.4	* 1,400.000	J			
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain7.7	* 240.000	J			
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain8.3	* 410.000	J			
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain8.4	* 200.000	J			
P4020-03	DDCD9	Solid	(DEL) Alkane: Straight-Chain8.5	* 370.000	J			
P4020-03	DDCD9	Solid	(R)-3-Methyl-5-propylcyclohex-2	* 490.000	J			
P4020-03	DDCD9	Solid	1-Hexanol, 2-ethyl-	* 920.000	J			
P4020-03	DDCD9	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane	* 190.000	J			
P4020-03	DDCD9	Solid	2,7-Dimethyloctan-4-one	* 730.000	J			
P4020-03	DDCD9	Solid	9-Octadecenoic acid, (E)-	* 450.000	J			
P4020-03	DDCD9	Solid	Benzene, 1-ethyl-2-methyl-	* 230.000	J			
P4020-03	DDCD9	Solid	Benzene, 1-ethyl-3,5-dimethyl-	* 310.000	J			
P4020-03	DDCD9	Solid	Benzene, 1-methyl-4-propyl-	* 220.000	J			
P4020-03	DDCD9	Solid	Benzophenone	* 160.000	J			
P4020-03	DDCD9	Solid	Carbonic acid, 2-ethylhexyl nonyl	* 1,200.000	J			
P4020-03	DDCD9	Solid	Carbonic acid, 2-ethylhexyl tridec	* 820.000	J			
P4020-03	DDCD9	Solid	Carbonic acid, prop-1-en-2-yl trid	* 1,400.000	J			
P4020-03	DDCD9	Solid	Cyclohexanone, 3,3,5-trimethyl-	* 300.000	J			
P4020-03	DDCD9	Solid	Indane	* 210.000	J			
P4020-03	DDCD9	Solid	Mesitylene	* 230.000	J			
P4020-03	DDCD9	Solid	n-Hexadecanoic acid	* 980.000	J			
P4020-03	DDCD9	Solid	Naphthalene, 1,4,6-trimethyl-	* 110.000	J			
P4020-03	DDCD9	Solid	Naphthalene, 1,4-dimethyl-	* 200.000	J			
P4020-03	DDCD9	Solid	Naphthalene, 1,6,7-trimethyl-	* 150.000	J			
P4020-03	DDCD9	Solid	Naphthalene, 2,3-dimethyl-	* 290.000	J			
P4020-03	DDCD9	Solid	Naphthalene, 2,7-dimethyl-	* 380.000	J			
P4020-03	DDCD9	Solid	Octadecanoic acid	* 220.000	J			
P4020-03	DDCD9	Solid	Phenol, 2,3,5,6-tetrachloro-	* 270.000	J			
P4020-03	DDCD9	Solid	Pyridine-2,4-diamine	* 180.000	J			
P4020-03	DDCD9	Solid	unknown-01	* 270.000	J			
P4020-03	DDCD9	Solid	unknown-02	* 120.000	J			
P4020-03	DDCD9	Solid	unknown-03	* 140.000	J			

Hit Summary Sheet SW-846

SDG No.: BM100224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4020-03	DDCD9	Solid	unknown-04	*	110.000	J		
P4020-03	DDCD9	Solid	unknown-05	*	180.000	J		
P4020-03	DDCD9	Solid	Total Alkanes	*	8,900.000	58	210	ug/Kg
Total Tics :				29,250.00				
P4020-03	DDCD9	Solid	1-Methylnaphthalene		150.000	J 50	210	ug/Kg
P4020-03	DDCD9	Solid	2,3,4,6-Tetrachlorophenol		5,500.000	E 45	210	ug/Kg
P4020-03	DDCD9	Solid	2-Methylnaphthalene		240.000	45	210	ug/Kg
P4020-03	DDCD9	Solid	Naphthalene		81.000	J 41	210	ug/Kg
P4020-03	DDCD9	Solid	Pentachlorophenol		52,000.000	E 110	400	ug/Kg
P4020-03	DDCD9	Solid	Phenanthrene		130.000	J 53	210	ug/Kg
Total Svoc :				58,101.00				
Total Concentration:				87,351.00				

Client ID : DDCK6

P4020-04	DDCK6	Solid	(DEL) Alkane: Cyclic6.451	*	280.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Cyclic8.104	*	320.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain10.6	*	120.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain11.1	*	160.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain11.5	*	140.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain12.6	*	380.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain12.9	*	390.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain13.9	*	690.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain14.9	*	660.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain15.2	*	1,900.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain15.7	*	920.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain16.1	*	1,900.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain16.6	*	490.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain17.6	*	1,000.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain17.6	*	1,300.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain18.2	*	1,000.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain19.6	*	1,200.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain20.1	*	920.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain20.6	*	590.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain22.1	*	960.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain5.82	*	920.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain6.36	*	290.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain6.37	*	330.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain6.81	*	470.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain6.86	*	580.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain7.42	*	3,000.000	J		
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain7.72	*	390.000	J		

Hit Summary Sheet
SW-846

SDG No.: BM100224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain8.4(*	310.000	J			
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain8.5(*	630.000	J			
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain9.0(*	2,400.000	J			
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain9.7(*	140.000	J			
P4020-04	DDCK6	Solid	(DEL) Alkane: Straight-Chain9.8(*	200.000	J			
P4020-04	DDCK6	Solid	1-Decanol, 2-ethyl- *	660.000	J			
P4020-04	DDCK6	Solid	1-Hexanol, 2-ethyl- *	1,800.000	J			
P4020-04	DDCK6	Solid	2-Heptanone, 4,6-dimethyl- *	360.000	J			
P4020-04	DDCK6	Solid	2-Methylidene-hydrazono-3-meth *	450.000	J			
P4020-04	DDCK6	Solid	9,9-Dimethyl-9-sila-9,10-dihydro *	590.000	J			
P4020-04	DDCK6	Solid	9-Methyl-S-octahydroanthracene *	1,200.000	J			
P4020-04	DDCK6	Solid	Benzene, 1,3,5-trimethyl-2-(1-met *	350.000	J			
P4020-04	DDCK6	Solid	Benzene, 1,3-diethyl-5-methyl- *	460.000	J			
P4020-04	DDCK6	Solid	Benzene, 1,4-diethyl- *	550.000	J			
P4020-04	DDCK6	Solid	Benzene, 1-ethyl-2-methyl- *	380.000	J			
P4020-04	DDCK6	Solid	Benzene, 1-ethyl-3-methyl- *	370.000	J			
P4020-04	DDCK6	Solid	Benzene, 1-methyl-2-propyl- *	430.000	J			
P4020-04	DDCK6	Solid	Carbonic acid, 2-ethylhexyl undec *	2,000.000	J			
P4020-04	DDCK6	Solid	Docosane, 1-iodo- *	680.000	J			
P4020-04	DDCK6	Solid	Mesitylene *	390.000	J			
P4020-04	DDCK6	Solid	Methyl 2-diethylamino-3-methyl-l *	380.000	J			
P4020-04	DDCK6	Solid	n-Hexadecanoic acid *	860.000	J			
P4020-04	DDCK6	Solid	Naphthalene, 1,4,6-trimethyl- *	470.000	J			
P4020-04	DDCK6	Solid	Naphthalene, 1,6,7-trimethyl- *	450.000	J			
P4020-04	DDCK6	Solid	Naphthalene, 1,7-dimethyl- *	750.000	J			
P4020-04	DDCK6	Solid	Naphthalene, 2,3,6-trimethyl- *	1,700.000	J			
P4020-04	DDCK6	Solid	Naphthalene, 2,3-dimethyl- *	920.000	J			
P4020-04	DDCK6	Solid	o-Cymene *	410.000	J			
P4020-04	DDCK6	Solid	Oxalic acid, 2-ethylhexyl nonyl es *	3,800.000	J			
P4020-04	DDCK6	Solid	Pentadecanoic acid, 14-methyl-, n *	450.000	J			
P4020-04	DDCK6	Solid	Phytol *	940.000	J			
P4020-04	DDCK6	Solid	unknown-01 *	660.000	J			
P4020-04	DDCK6	Solid	unknown-02 *	410.000	J			
P4020-04	DDCK6	Solid	unknown-03 *	480.000	J			
P4020-04	DDCK6	Solid	unknown-04 *	440.000	J			
P4020-04	DDCK6	Solid	Total Alkanes *	25,000.000		58	200	ug/Kg
Total Tics :				73,770.00				
P4020-04	DDCK6	Solid	1,1-Biphenyl	89.000	J	58	200	ug/Kg
P4020-04	DDCK6	Solid	1-Methylnaphthalene	810.000		49	200	ug/Kg
P4020-04	DDCK6	Solid	2,3,4,6-Tetrachlorophenol	11,000.000	E	44	200	ug/Kg

Hit Summary Sheet

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SDG No.: BM100224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4020-04	DDCK6	Solid	2,4,6-Trichlorophenol	87.000	J	52	200	ug/Kg
P4020-04	DDCK6	Solid	2-Methylnaphthalene	1,300.000		44	200	ug/Kg
P4020-04	DDCK6	Solid	Bis(2-ethylhexyl)phthalate	64.000	J	53	200	ug/Kg
P4020-04	DDCK6	Solid	Fluorene	79.000	J	54	200	ug/Kg
P4020-04	DDCK6	Solid	Naphthalene	500.000		41	200	ug/Kg
P4020-04	DDCK6	Solid	Pentachlorophenol	70,000.000	E	100	400	ug/Kg
P4020-04	DDCK6	Solid	Phenanthrene	240.000		53	200	ug/Kg
Total Svoc :				84,169.00				
Total Concentration:				157,939.00				
Client ID :	DDCF9							
P4020-05	DDCF9	Solid	(DEL) Alkane: Straight-Chain21.(	240.000	J			
P4020-05	DDCF9	Solid	Anisole, 2,3,4,5,6-pentachloro-	95.000	J			
P4020-05	DDCF9	Solid	Benzophenone	160.000	J			
P4020-05	DDCF9	Solid	n-Hexadecanoic acid	360.000	J			
P4020-05	DDCF9	Solid	Total Alkanes	240.000		59	210	ug/Kg
Total Tics :				1,095.00				
P4020-05	DDCF9	Solid	2,3,4,6-Tetrachlorophenol	2,900.000		45	210	ug/Kg
P4020-05	DDCF9	Solid	Pentachlorophenol	91,000.000	E	110	410	ug/Kg
Total Svoc :				93,900.00				
Total Concentration:				94,995.00				
Client ID :	DDCG0							
P4020-06	DDCG0	Solid	(DEL) Alkane: Straight-Chain21.(	180.000	J			
P4020-06	DDCG0	Solid	Benzophenone	130.000	J			
P4020-06	DDCG0	Solid	n-Hexadecanoic acid	310.000	J			
P4020-06	DDCG0	Solid	unknown-01	120.000	J			
P4020-06	DDCG0	Solid	Total Alkanes	180.000		59	210	ug/Kg
Total Tics :				920.00				
P4020-06	DDCG0	Solid	Pentachlorophenol	1,300.000		110	410	ug/Kg
Total Svoc :				1,300.00				
Total Concentration:				2,220.00				
Client ID :	DDCJ9							
P4020-09	DDCJ9	Solid	(DEL) Alkane: Straight-Chain21.(	80.000	J			
P4020-09	DDCJ9	Solid	Benzophenone	97.000	J			
P4020-09	DDCJ9	Solid	n-Hexadecanoic acid	140.000	J			
P4020-09	DDCJ9	Solid	unknown-01	81.000	J			
P4020-09	DDCJ9	Solid	Total Alkanes	80.000		56	200	ug/Kg
Total Tics :				478.00				
Total Concentration:				478.00				
Client ID :	DDCK1							

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SDG No.: BM100224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4020-10	DDCK1	Solid	(DEL) Alkane: Straight-Chain14.7	*	84.000	J		
P4020-10	DDCK1	Solid	2-Ethylhexyl mercaptoacetate	*	540.000	J		
P4020-10	DDCK1	Solid	9-Octadecenamide, (Z)-	*	160.000	J		
P4020-10	DDCK1	Solid	Benzophenone	*	130.000	J		
P4020-10	DDCK1	Solid	E-14-Hexadecenal	*	130.000	J		
P4020-10	DDCK1	Solid	n-Hexadecanoic acid	*	230.000	J		
P4020-10	DDCK1	Solid	Phenol, 2,3,5,6-tetrachloro-	*	110.000	J		
P4020-10	DDCK1	Solid	Total Alkanes	*	84.000	60	210	ug/Kg
Total Tics :					1,468.00			
P4020-10	DDCK1	Solid	2,3,4,6-Tetrachlorophenol		690.000	46	210	ug/Kg
P4020-10	DDCK1	Solid	Pentachlorophenol		77,000.000	E 110	410	ug/Kg
Total Svoc :					77,690.00			
Total Concentration:					79,158.00			
Client ID : DDCK2								
P4020-11	DDCK2	Solid	(DEL) Alkane: Straight-Chain21.0	*	230.000	J		
P4020-11	DDCK2	Solid	2-Ethylhexyl 2-ethylhexanoate	*	78.000	J		
P4020-11	DDCK2	Solid	2-Ethylhexyl mercaptoacetate	*	1,200.000	J		
P4020-11	DDCK2	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	510.000	A		
P4020-11	DDCK2	Solid	Benzophenone	*	220.000	J		
P4020-11	DDCK2	Solid	Hexylene glycol	*	750.000	J		
P4020-11	DDCK2	Solid	n-Hexadecanoic acid	*	420.000	J		
P4020-11	DDCK2	Solid	Naphthalene, 1,4,6-trimethyl-	*	97.000	J		
P4020-11	DDCK2	Solid	Phenol, 2,3,5,6-tetrachloro-	*	95.000	J		
P4020-11	DDCK2	Solid	unknown-01	*	180.000	J		
P4020-11	DDCK2	Solid	unknown-02	*	120.000	J		
P4020-11	DDCK2	Solid	Total Alkanes	*	230.000	55	200	ug/Kg
Total Tics :					4,130.00			
P4020-11	DDCK2	Solid	2,3,4,6-Tetrachlorophenol		650.000	43	200	ug/Kg
P4020-11	DDCK2	Solid	Pentachlorophenol		18,000.000	E 100	380	ug/Kg
Total Svoc :					18,650.00			
Total Concentration:					22,780.00			
Client ID : DDCK8								
P4020-12	DDCK8	Solid	(DEL) Alkane: Cyclic8.104	*	300.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain12.0	*	250.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain13.5	*	1,100.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain14.5	*	760.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain15.2	*	2,400.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain15.7	*	1,200.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain16.1	*	1,700.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain16.5	*	1,500.000	J		

Hit Summary Sheet
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SDG No.: BM100224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain17.6	*	980.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain17.6	*	1,300.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain18.2	*	1,100.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain19.0	*	920.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain20.1	*	650.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain20.6	*	500.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain21.5	*	580.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain22.0	*	650.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain5.82	*	760.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain6.37	*	280.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain6.81	*	450.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain6.86	*	520.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain7.42	*	3,000.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain7.72	*	360.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain8.34	*	640.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain8.40	*	320.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain8.58	*	640.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain9.04	*	2,500.000	J		
P4020-12	DDCK8	Solid	(DEL) Alkane: Straight-Chain9.85	*	110.000	J		
P4020-12	DDCK8	Solid	1-Hexanol, 2-ethyl-	*	1,500.000	J		
P4020-12	DDCK8	Solid	2-Heptanone, 4,6-dimethyl-	*	370.000	J		
P4020-12	DDCK8	Solid	4,6,8-Trimethylazulene	*	1,200.000	J		
P4020-12	DDCK8	Solid	Benzene, 1,2,3-trimethyl-	*	310.000	J		
P4020-12	DDCK8	Solid	Benzene, 1,3-diethyl-5-methyl-	*	440.000	J		
P4020-12	DDCK8	Solid	Benzene, 1,4-diethyl-	*	390.000	J		
P4020-12	DDCK8	Solid	Benzene, 1-ethyl-2-methyl-	*	370.000	J		
P4020-12	DDCK8	Solid	Benzene, 1-ethyl-3-methyl-	*	460.000	J		
P4020-12	DDCK8	Solid	Benzene, 1-methyl-2-propyl-	*	410.000	J		
P4020-12	DDCK8	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	290.000	J		
P4020-12	DDCK8	Solid	Butanoic acid, butyl ester	*	580.000	J		
P4020-12	DDCK8	Solid	Butanoic acid, hexyl ester	*	550.000	J		
P4020-12	DDCK8	Solid	Carbonic acid, 2-ethylhexyl undec	*	1,500.000	J		
P4020-12	DDCK8	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	810.000	J		
P4020-12	DDCK8	Solid	Hexadecanoic acid, methyl ester	*	1,100.000	J		
P4020-12	DDCK8	Solid	Hexylene glycol	*	540.000	J		
P4020-12	DDCK8	Solid	Mesitylene	*	280.000	J		
P4020-12	DDCK8	Solid	Methyl stearate	*	480.000	J		
P4020-12	DDCK8	Solid	n-Hexadecanoic acid	*	730.000	J		
P4020-12	DDCK8	Solid	Naphthalene, 1,4-dimethyl-	*	990.000	J		
P4020-12	DDCK8	Solid	Naphthalene, 1,6,7-trimethyl-	*	700.000	J		

Hit Summary Sheet SW-846

SDG No.: BM100224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4020-12	DDCK8	Solid	Naphthalene, 1,7-dimethyl-	*	1,300.000	J		
P4020-12	DDCK8	Solid	Naphthalene, 2,3,6-trimethyl-	*	530.000	J		
P4020-12	DDCK8	Solid	o-Cymene	*	540.000	J		
P4020-12	DDCK8	Solid	Oxalic acid, 2-ethylhexyl tetradec	*	1,000.000	J		
P4020-12	DDCK8	Solid	Pyridine, 2,5-diamino-	*	610.000	J		
P4020-12	DDCK8	Solid	Sulfurous acid, decyl 2-ethylhexyl	*	3,300.000	J		
P4020-12	DDCK8	Solid	unknown-01	*	250.000	J		
P4020-12	DDCK8	Solid	unknown-02	*	640.000	J		
P4020-12	DDCK8	Solid	unknown-03	*	450.000	J		
P4020-12	DDCK8	Solid	Total Alkanes	*	25,000.000		58	200 ug/Kg
Total Tics :					73,090.00			
P4020-12	DDCK8	Solid	1,1-Biphenyl		62.000	J	58	200 ug/Kg
P4020-12	DDCK8	Solid	1-Methylnaphthalene		580.000		49	200 ug/Kg
P4020-12	DDCK8	Solid	2,3,4,6-Tetrachlorophenol		7,400.000	E	44	200 ug/Kg
P4020-12	DDCK8	Solid	2,4,5-Trichlorophenol		69.000	J	50	200 ug/Kg
P4020-12	DDCK8	Solid	2,4,6-Trichlorophenol		240.000		52	200 ug/Kg
P4020-12	DDCK8	Solid	2-Methylnaphthalene		1,000.000		44	200 ug/Kg
P4020-12	DDCK8	Solid	Fluorene		63.000	J	54	200 ug/Kg
P4020-12	DDCK8	Solid	Naphthalene		330.000		41	200 ug/Kg
P4020-12	DDCK8	Solid	Pentachlorophenol		52,000.000	E	100	400 ug/Kg
P4020-12	DDCK8	Solid	Phenanthrene		200.000		53	200 ug/Kg
Total Svoc :					61,944.00			
Total Concentration:					135,034.00			
Client ID : DDCK9								
P4020-13	DDCK9	Solid	(DEL) Alkane: Cyclic6.451	*	370.000	J		
P4020-13	DDCK9	Solid	(DEL) Alkane: Cyclic8.104	*	310.000	J		
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain10.(	*	110.000	J		
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain11.1	*	200.000	J		
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain12.(	*	340.000	J		
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain12.(	*	750.000	J		
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain12.5	*	320.000	J		
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain13.5	*	570.000	J		
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain14.2	*	5,500.000	J		
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain14.5	*	520.000	J		
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain15.2	*	1,900.000	J		
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain15.7	*	720.000	J		
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain16.1	*	1,200.000	J		
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain17.(	*	850.000	J		
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain18.2	*	690.000	J		
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain19.(	*	580.000	J		

Hit Summary Sheet SW-846

SDG No.: BM100224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain20.6 *	370.000	J			
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain21.5 *	430.000	J			
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain22.1 *	630.000	J			
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain5.8 *	840.000	J			
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain6.3 *	310.000	J			
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain6.81 *	430.000	J			
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain6.8 *	520.000	J			
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain7.4 *	3,000.000	J			
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain7.7 *	320.000	J			
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain8.3 *	770.000	J			
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain8.4 *	390.000	J			
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain8.5 *	620.000	J			
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain9.0 *	2,600.000	J			
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain9.6 *	90.000	J			
P4020-13	DDCK9	Solid	(DEL) Alkane: Straight-Chain9.8 *	170.000	J			
P4020-13	DDCK9	Solid	1,5,6,7-Tetramethyl-3-phenylbicy *	440.000	J			
P4020-13	DDCK9	Solid	1-Hexanol, 2-ethyl- *	1,600.000	J			
P4020-13	DDCK9	Solid	2-Bromo dodecane *	720.000	J			
P4020-13	DDCK9	Solid	2-Heptanone, 4,6-dimethyl- *	460.000	J			
P4020-13	DDCK9	Solid	4-(1-Pyrrolyl)acetophenone *	1,400.000	J			
P4020-13	DDCK9	Solid	4-Methylphenyl acetone *	590.000	J			
P4020-13	DDCK9	Solid	9-Methyl-S-octahydroanthracene *	1,200.000	J			
P4020-13	DDCK9	Solid	9-Octadecenoic acid, (E)- *	410.000	J			
P4020-13	DDCK9	Solid	Benzene, 1,2,3-trimethyl- *	300.000	J			
P4020-13	DDCK9	Solid	Benzene, 1,3,5-trimethyl-2-(1-met *	350.000	J			
P4020-13	DDCK9	Solid	Benzene, 1,3-diethyl- *	360.000	J			
P4020-13	DDCK9	Solid	Benzene, 1,4-diethyl- *	470.000	J			
P4020-13	DDCK9	Solid	Benzene, 1-ethyl-2-methyl- *	350.000	J			
P4020-13	DDCK9	Solid	Benzene, 1-methyl-4-propyl- *	370.000	J			
P4020-13	DDCK9	Solid	Carbonic acid, 2-ethylhexyl nonyl *	1,300.000	J			
P4020-13	DDCK9	Solid	Cyclohexanol, 3,3,5-trimethyl- *	450.000	J			
P4020-13	DDCK9	Solid	Cyclohexanone, 3,3,5-trimethyl- *	300.000	J			
P4020-13	DDCK9	Solid	Mesitylene *	350.000	J			
P4020-13	DDCK9	Solid	n-Hexadecanoic acid *	680.000	J			
P4020-13	DDCK9	Solid	Naphthalene, 1,6,7-trimethyl- *	350.000	J			
P4020-13	DDCK9	Solid	Naphthalene, 1,7-dimethyl- *	560.000	J			
P4020-13	DDCK9	Solid	Naphthalene, 2,3,6-trimethyl- *	390.000	J			
P4020-13	DDCK9	Solid	Naphthalene, 2,3-dimethyl- *	710.000	J			
P4020-13	DDCK9	Solid	o-Cymene *	370.000	J			
P4020-13	DDCK9	Solid	Pentadecanoic acid, 14-methyl-, n *	500.000	J			

Hit Summary Sheet SW-846

SDG No.: BM100224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4020-13	DDCK9	Solid	Sulfurous acid, pentadecyl 2-prop:	*	620.000	J		
P4020-13	DDCK9	Solid	unknown-01	*	400.000	J		
P4020-13	DDCK9	Solid	unknown-02	*	380.000	J		
P4020-13	DDCK9	Solid	unknown-03	*	550.000	J		
P4020-13	DDCK9	Solid	unknown-04	*	520.000	J		
P4020-13	DDCK9	Solid	Total Alkanes	*	26,000.000	61	210	ug/Kg
Total Tics :				69,870.00				
P4020-13	DDCK9	Solid	1-Methylnaphthalene		470.000	52	210	ug/Kg
P4020-13	DDCK9	Solid	2,3,4,6-Tetrachlorophenol		12,000.000	E 47	210	ug/Kg
P4020-13	DDCK9	Solid	2,4,6-Trichlorophenol		58.000	J 54	210	ug/Kg
P4020-13	DDCK9	Solid	2-Methylnaphthalene		770.000	47	210	ug/Kg
P4020-13	DDCK9	Solid	Naphthalene		290.000	43	210	ug/Kg
P4020-13	DDCK9	Solid	Pentachlorophenol		69,000.000	E 110	420	ug/Kg
P4020-13	DDCK9	Solid	Phenanthrene		150.000	J 56	210	ug/Kg
Total Svoc :				82,738.00				
Total Concentration:				152,608.00				

Client ID : DDCL0

P4020-14	DDCL0	Solid	(DEL) Alkane: Cyclic10.881	*	89.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Cyclic6.451	*	300.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Cyclic8.104	*	330.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Cyclic9.604	*	97.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain10.(	*	110.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain11.1	*	230.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain11.5	*	160.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain12.(	*	320.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain13.5	*	750.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain14.5	*	780.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain15.2	*	1,800.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain15.7	*	900.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain16.1	*	1,900.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain17.(	*	1,000.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain17.(	*	1,200.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain18.2	*	1,000.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain20.1	*	900.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain20.(	*	590.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain21.5	*	670.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain22.(	*	600.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain22.1	*	960.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain5.82	*	850.000	J		
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain6.37	*	320.000	J		

Hit Summary Sheet
SW-846

SDG No.: BM100224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain6.81 *	440.000	J			
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain6.86 *	560.000	J			
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain7.44 *	2,700.000	J			
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain7.72 *	320.000	J			
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain8.40 *	410.000	J			
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain8.58 *	650.000	J			
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain9.02 *	2,400.000	J			
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain9.85 *	180.000	J			
P4020-14	DDCL0	Solid	(DEL) Alkane: Straight-Chain9.92 *	86.000	J			
P4020-14	DDCL0	Solid	1-Hexanol, 2-ethyl-	*	1,700.000	J		
P4020-14	DDCL0	Solid	2-Heptanone, 4,6-dimethyl-	*	560.000	J		
P4020-14	DDCL0	Solid	4,6,8-Trimethylazulene	*	1,200.000	J		
P4020-14	DDCL0	Solid	9,9-Dimethyl-9-sila-9,10-dihydro	*	540.000	J		
P4020-14	DDCL0	Solid	Benzene, 1,2,3-trimethyl-	*	280.000	J		
P4020-14	DDCL0	Solid	Benzene, 1,2-diethyl-	*	440.000	J		
P4020-14	DDCL0	Solid	Benzene, 1,3-diethyl-	*	380.000	J		
P4020-14	DDCL0	Solid	Benzene, 1-ethyl-3-methyl-	*	300.000	J		
P4020-14	DDCL0	Solid	Benzene, 1-ethyl-4-methyl-	*	290.000	J		
P4020-14	DDCL0	Solid	Benzene, 1-methyl-3-propyl-	*	790.000	J		
P4020-14	DDCL0	Solid	Benzene, 1-methyl-4-propyl-	*	390.000	J		
P4020-14	DDCL0	Solid	Carbonic acid, 2-ethylhexyl nonyl	*	1,700.000	J		
P4020-14	DDCL0	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	350.000	J		
P4020-14	DDCL0	Solid	Cyclopropane, 1-methoxy-2,2-dimethyl-	*	850.000	J		
P4020-14	DDCL0	Solid	D-Limonene	*	450.000	J		
P4020-14	DDCL0	Solid	Dodecane, 1-iodo-	*	820.000	J		
P4020-14	DDCL0	Solid	n-Hexadecanoic acid	*	920.000	J		
P4020-14	DDCL0	Solid	Naphthalene, 1,4,6-trimethyl-	*	430.000	J		
P4020-14	DDCL0	Solid	Naphthalene, 1,6,7-trimethyl-	*	400.000	J		
P4020-14	DDCL0	Solid	Naphthalene, 2,3-dimethyl-	*	670.000	J		
P4020-14	DDCL0	Solid	Naphthalene, 2,7-dimethyl-	*	900.000	J		
P4020-14	DDCL0	Solid	o-Cymene	*	380.000	J		
P4020-14	DDCL0	Solid	Oxalic acid, 2-ethylhexyl nonyl es	*	3,500.000	J		
P4020-14	DDCL0	Solid	Pentadecanoic acid, 14-methyl-, n	*	930.000	J		
P4020-14	DDCL0	Solid	unknown-01	*	660.000	J		
P4020-14	DDCL0	Solid	unknown-02	*	370.000	J		
P4020-14	DDCL0	Solid	unknown-03	*	670.000	J		
P4020-14	DDCL0	Solid	unknown-04	*	640.000	J		
P4020-14	DDCL0	Solid	unknown-05	*	380.000	J		
P4020-14	DDCL0	Solid	unknown-06	*	470.000	J		
P4020-14	DDCL0	Solid	Total Alkanes	*	24,000.000	58	210	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM100224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				69,962.00				
P4020-14	DDCL0	Solid	1,1-Biphenyl	91.000	J	58	210	ug/Kg
P4020-14	DDCL0	Solid	1-Methylnaphthalene	790.000		50	210	ug/Kg
P4020-14	DDCL0	Solid	2,3,4,6-Tetrachlorophenol	14,000.000	E	45	210	ug/Kg
P4020-14	DDCL0	Solid	2,4,5-Trichlorophenol	51.000	J	51	210	ug/Kg
P4020-14	DDCL0	Solid	2,4,6-Trichlorophenol	72.000	J	52	210	ug/Kg
P4020-14	DDCL0	Solid	2-Methylnaphthalene	1,300.000		45	210	ug/Kg
P4020-14	DDCL0	Solid	Fluorene	74.000	J	55	210	ug/Kg
P4020-14	DDCL0	Solid	Naphthalene	500.000		41	210	ug/Kg
P4020-14	DDCL0	Solid	Pentachlorophenol	81,000.000	E	110	400	ug/Kg
P4020-14	DDCL0	Solid	Phenanthrene	230.000		53	210	ug/Kg
Total Svoc :				98,108.00				
Total Concentration:				168,070.00				
Client ID : DDCL3								
P4020-15	DDCL3	Solid	1,3-Pentanediol, 2,2,4-trimethyl-	*	120.000	J		
P4020-15	DDCL3	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	270.000	A		
P4020-15	DDCL3	Solid	Benzophenone	*	140.000	J		
P4020-15	DDCL3	Solid	Hexanoic acid, 2-ethyl-	*	890.000	J		
P4020-15	DDCL3	Solid	Hexylene glycol	*	770.000	J		
P4020-15	DDCL3	Solid	n-Hexadecanoic acid	*	180.000	J		
P4020-15	DDCL3	Solid	n-Tetracosanol-1	*	110.000	J		
P4020-15	DDCL3	Solid	unknown-01	*	410.000	J		
P4020-15	DDCL3	Solid	unknown-02	*	130.000	J		
P4020-15	DDCL3	Solid	Total Alkanes	*	0.000	60	210	ug/Kg
Total Tics :				3,020.00				
P4020-15	DDCL3	Solid	2,3,4,6-Tetrachlorophenol	100.000	J	46	210	ug/Kg
P4020-15	DDCL3	Solid	Pentachlorophenol	1,100.000		110	410	ug/Kg
Total Svoc :				1,200.00				
Total Concentration:				4,220.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM092724 SAS No.: BM092724 SDG No.: BM092724
Instrument ID: _____ Calibration Date(s): 9/27/2024 : _____
Calibration Time(s): 18:16 _____

LAB FILE ID:		RRFAL1 = BM047679.D		RRFAL2 = BM047680.D		RRFAL3 = BM047681.D		
		RRFAL4 = BM047682.D		RRFAL5 = BM047683.D		RRFAL6 = BM047684.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.671	0.724	0.713	0.649	0.623		0.676	6.3
Benzaldehyde		1.153	1.250	1.163	0.824	0.752	1.028	21.8
Pyridine		1.986	1.962	1.928	1.863	1.799	1.908	4.0
Hexachloroethane	0.613	0.672	0.661	0.664	0.667		0.655	3.7
Nitrobenzene	0.396	0.468	0.449	0.470	0.479		0.452	7.4
Isophorone	0.663	0.825	0.821	0.856	0.881		0.809	10.5
2-Nitrophenol	0.133	0.171	0.176	0.189	0.204		0.175	15.1
2,4-Dimethylphenol	0.317	0.379	0.378	0.386	0.409		0.374	9.1
Bis(2-Chloroethoxy)methane	0.438	0.518	0.500	0.504	0.515		0.495	6.6
2,4-Dichlorophenol	0.260	0.319	0.319	0.330	0.345		0.315	10.2
Naphthalene	1.059	1.212	1.151	1.154	1.176		1.150	4.9
4-Chloroaniline		0.451	0.455	0.468	0.487	0.459	0.464	3.1
Hexachlorobutadiene	0.193	0.222	0.208	0.207	0.210		0.208	5.0
Phenol		1.896	1.915	2.021	2.098	2.131	2.012	5.2
Caprolactam		0.085	0.093	0.104	0.108	0.112	0.101	11.0
4-Chloro-3-methylphenol	0.261	0.315	0.327	0.352	0.375		0.326	13.2
1-Methylnaphthalene	0.652	0.762	0.740	0.769	0.796		0.744	7.4
2-Methylnaphthalene	0.639	0.747	0.723	0.758	0.788		0.731	7.7
Hexachlorocyclopentadiene		0.389	0.384	0.393	0.404	0.399	0.394	2.1
2,4,6-Trichlorophenol	0.289	0.381	0.385	0.401	0.428		0.377	13.9
2,4,5-Trichlorophenol	0.326	0.424	0.413	0.435	0.462		0.412	12.5
1,1-Biphenyl	1.442	1.703	1.600	1.612	1.650		1.601	6.1
2-Chloronaphthalene	1.113	1.310	1.243	1.245	1.282		1.238	6.1
2-Nitroaniline	0.290	0.368	0.397	0.440	0.471		0.393	17.7
Bis(2-Chloroethyl)ether		1.597	1.587	1.603	1.630	1.600	1.603	1.0
Dimethylphthalate	1.308	1.529	1.475	1.493	1.538		1.468	6.4
2,6-Dinitrotoluene	0.186	0.241	0.262	0.287	0.313		0.258	18.8
Acenaphthylene	1.661	2.017	1.954	2.026	2.037		1.939	8.2
3-Nitroaniline		0.265	0.301	0.327	0.329	0.340	0.312	9.6
Acenaphthene	1.233	1.440	1.371	1.392	1.417		1.371	5.9
2,4-Dinitrophenol		0.108	0.131	0.158	0.186	0.214	0.159	26.4
4-Nitrophenol		0.215	0.228	0.252	0.265	0.252	0.242	8.4
Dibenzofuran	1.685	1.938	1.851	1.879	1.872		1.845	5.1
2,4-Dinitrotoluene	0.278	0.372	0.397	0.430	0.459		0.387	18.0
Diethylphthalate	1.276	1.521	1.470	1.514	1.565		1.469	7.7
2-Chlorophenol	1.263	1.469	1.475	1.512	1.570		1.458	8.0

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM

Case No.: BM092724

SAS No.: BM092724

SDG No.: BM092724

Instrument ID:

Calibration Date(s): 9/27/2024

Calibration Time(s): 18:16

LAB FILE ID:		RRFAL1 = BM047679.D			RRFAL2 = BM047680.D		RRFAL3 = BM047681.D	
		RRFAL4 = BM047682.D			RRFAL5 = BM047683.D		RRFAL6 = BM047684.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.354	1.599	1.572	1.596	1.575		1.539	6.8
4-Chlorophenyl-phenylether	0.634	0.754	0.733	0.757	0.759		0.727	7.3
4-Nitroaniline		0.278	0.324	0.343	0.291	0.280	0.303	9.5
4,6-Dinitro-2-methylphenol		0.107	0.118	0.135	0.144	0.144	0.130	12.8
N-Nitrosodiphenylamine	0.538	0.646	0.637	0.652	0.643		0.623	7.7
1,2,4,5-Tetrachlorobenzene	0.595	0.689	0.647	0.651	0.674		0.651	5.5
4-Bromophenyl-phenylether	0.182	0.214	0.204	0.213	0.218		0.206	7.0
Hexachlorobenzene	0.213	0.248	0.239	0.246	0.254		0.240	6.6
Atrazine		0.207	0.206	0.215	0.225	0.184	0.207	7.4
Pentachlorophenol		0.130	0.138	0.153	0.170	0.172	0.153	12.2
2-Methylphenol		1.296	1.306	1.405	1.494	1.515	1.403	7.3
Phenanthrene	1.063	1.218	1.183	1.198	1.203		1.173	5.4
Pentachlorobenzene	0.311	0.339	0.318	0.325	0.324		0.323	3.2
Anthracene	1.051	1.237	1.210	1.252	1.232		1.196	6.9
1,2,3,4-Tetrachlorobenzene	0.309	0.355	0.328	0.329	0.335		0.331	5.0
Carbazole		1.079	1.078	1.125	1.112	1.028	1.084	3.5
Di-n-butylphthalate	0.956	1.180	1.209	1.314	1.377		1.207	13.4
Fluoranthene	1.192	1.374	1.326	1.375	1.417		1.337	6.5
Pyrene	1.326	1.548	1.474	1.545	1.547		1.488	6.4
Butylbenzylphthalate	0.400	0.496	0.512	0.578	0.644		0.526	17.4
3,3-Dichlorobenzidine		0.391	0.411	0.442	0.455	0.414	0.423	6.1
2,2-oxybis(1-Chloropropane)		3.100	3.033	3.057	3.063	2.839	3.018	3.4
Benzo(a)anthracene	1.266	1.453	1.388	1.434	1.461		1.400	5.7
Chrysene	1.267	1.430	1.363	1.387	1.379		1.365	4.4
Bis(2-ethylhexyl)phthalate	0.571	0.746	0.778	0.902	0.951		0.790	18.8
Di-n-octyl phthalate		1.041	1.121	1.350	1.481	1.456	1.290	15.4
Benzo(b)fluoranthene	1.082	1.294	1.241	1.299	1.321		1.247	7.8
Benzo(k)fluoranthene	1.095	1.325	1.245	1.348	1.365		1.275	8.7
Benzo(a)pyrene	1.006	1.221	1.170	1.253	1.272		1.185	9.0
Indeno(1,2,3-cd)pyrene	1.315	1.579	1.491	1.572	1.632		1.518	8.2
Dibenzo(a,h)anthracene	1.078	1.279	1.213	1.291	1.360		1.244	8.6
Benzo(g,h,i)perylene	1.053	1.236	1.171	1.227	1.259		1.189	7.0
Acetophenone		2.324	2.336	2.451	2.530	2.388	2.406	3.6
2,3,4,6-Tetrachlorophenol	0.252	0.319	0.333	0.352	0.368		0.325	13.8
1,4-Dioxane-d8	0.649	0.654	0.641	0.589	0.561		0.619	6.7
Pyridine-d5		1.858	1.823	1.840	1.796	1.744	1.812	2.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM092724 SAS No.: BM092724 SDG No.: BM092724
Instrument ID: _____ Calibration Date(s): 9/27/2024 : _____
Calibration Time(s): 18:16 _____

LAB FILE ID:		RRFAL1 = BM047679.D			RRFAL2 = BM047680.D		RRFAL3 = BM047681.D	
		RRFAL4 = BM047682.D			RRFAL5 = BM047683.D		RRFAL6 = BM047684.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.757	1.800	1.872	1.985	2.042	1.891	6.4
Bis-(2-Chloroethyl)ether-d8		1.366	1.339	1.339	1.360	1.305	1.342	1.8
2-Chlorophenol-d4	1.153	1.367	1.403	1.446	1.510		1.376	9.9
4-Methylphenol-d8		1.277	1.323	1.427	1.498	1.506	1.406	7.3
Nitrobenzene-d5	0.127	0.161	0.161	0.169	0.178		0.159	12.3
2-Nitrophenol-d4	0.115	0.145	0.148	0.169	0.187		0.153	17.8
2,4-Dichlorophenol-d3	0.243	0.309	0.308	0.323	0.341		0.305	12.1
4-Chloroaniline-d4		0.456	0.455	0.474	0.499	0.473	0.471	3.8
4-Methylphenol		1.494	1.481	1.594	1.666	1.649	1.577	5.4
Dimethylphthalate-d6	1.296	1.500	1.447	1.482	1.525		1.450	6.2
Acenaphthylene-d8	1.440	1.765	1.733	1.812	1.847		1.719	9.4
4-Nitrophenol-d4		0.238	0.267	0.298	0.322	0.319	0.289	12.5
Fluorene-d10	1.094	1.290	1.261	1.300	1.335		1.256	7.5
4,6-Dinitro-2-methylphenol-		0.092	0.103	0.121	0.134	0.135	0.117	16.2
Anthracene-d10	0.860	1.003	0.983	1.025	1.046		0.983	7.4
Pyrene-d10	0.983	1.161	1.119	1.181	1.232		1.135	8.3
Benzo(a)pyrene-d12	0.862	1.064	1.026	1.096	1.140		1.038	10.3
N-Nitroso-di-n-propylamine	1.034	1.260	1.284	1.385	1.409		1.274	11.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100224 SAS No.: BM100224 SDG NO.: BM100224

EPA Sample No.: SSTD020022 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 15:59

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	138731	7.816	553617	10.61	324022	14.45
	UPPER LIMIT	277462	8.316	1107234	11.11	648044	14.951
	LOWER LIMIT	69365.5	7.316	276808.5	10.11	162011	13.951
	EPA SAMPLE NO.						
01	SBLK608	299412 *	7.81	1.26647e *	10.60	855985 *	14.44
02	DDCB3DL2	210856	7.81	852311	10.60	563133	14.44
03	DDCE0DL2	214279	7.81	865630	10.60	573384	14.44
04	DDCB2DL	187368	7.81	735827	10.60	462658	14.44
05	DDCA2DL	182069	7.80	727449	10.60	464549	14.44
06	DDCA0DL	213702	7.81	860672	10.60	562701	14.44
07	DDC26	236309	7.80	968480	10.60	605445	14.44
08	DDCG0	252565	7.80	1.07195e	10.60	678515 *	14.44
09	DDCG0MS	236423	7.80	1.00758e	10.60	636399	14.44
10	DDCG0MSD	262091	7.80	1.11652e *	10.60	706485 *	14.44
11	DDCJ9	244039	7.80	996836	10.60	616290	14.44
12	DDCK1	263765	7.80	1.10714e	10.60	738517 *	14.44
13	SLCS608	288233 *	7.80	1.21477e *	10.60	773930 *	14.44
14	SBLK608	295327 *	7.81	1.23727e *	10.60	783745 *	14.44
15	DDCK4	288767 *	7.81	975935	10.60	801753 *	14.45
16	DDCD9	325614 *	7.80	1.17943e *	10.60	908789 *	14.44
17	DDCK6	334161 *	7.81	1.35169e *	10.60	896765 *	14.44
18	DDCK8	308527 *	7.80	1.14291e *	10.60	850669 *	14.44
19	DDCF9	278905 *	7.80	1.18825e *	10.60	817701 *	14.44
20	DDCK9	319864 *	7.80	1.31236e *	10.60	861438 *	14.44
21	DDCL0	305184 *	7.80	1.18291e *	10.60	833729 *	14.45
22	DDCK2	290643 *	7.80	1.22405e *	10.60	812218 *	14.44
23	DDCL3	261989	7.80	1.06875e	10.60	675299 *	14.44

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100224 SAS No.: BM100224 SDG NO.: BM100224

EPA Sample No.: SSTD020022 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 07:44

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	138731	7.816	553617	10.61	324022	14.45
UPPER LIMIT	277462	8.316	1107234	11.11	648044	14.951
LOWER LIMIT	69365.5	7.316	276808.5	10.11	162011	13.951
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.: BM100224 SAS No.: BM100224 SDG NO.: BM100224

EPA Sample No.: SSTD020156 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BM047777.D Time Analyzed: 15:59

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	361224	7.81	1.57602e+01	10.60	1.05247e+00	14.45
UPPER LIMIT	722448	8.31	3152040	11.104	2104940	14.945
LOWER LIMIT	180612	7.31	788010	10.104	526235	13.945
EPA SAMPLE NO.						
01 SBLK608	299412	7.81	1.26647e	10.60	855985	14.44
02 DDCB3DL2	210856	7.81	852311	10.60	563133	14.44
03 DDCE0DL2	214279	7.81	865630	10.60	573384	14.44
04 DDCB2DL	187368	7.81	735827 *	10.60	462658 *	14.44
05 DDCA2DL	182069	7.80	727449 *	10.60	464549 *	14.44
06 DDCA0DL	213702	7.81	860672	10.60	562701	14.44
07 DDC26	236309	7.80	968480	10.60	605445	14.44
08 DDCG0	252565	7.80	1.07195e	10.60	678515	14.44
09 DDCG0MS	236423	7.80	1.00758e	10.60	636399	14.44
10 DDCG0MSD	262091	7.80	1.11652e	10.60	706485	14.44
11 DDCJ9	244039	7.80	996836	10.60	616290	14.44
12 DDCK1	263765	7.80	1.10714e	10.60	738517	14.44
13 SLCS608	288233	7.80	1.21477e	10.60	773930	14.44

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.: BM100224 SAS No.: BM100224 SDG NO.: BM100224

EPA Sample No.: SSTD020157 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BM047791.D Time Analyzed: 01:49

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	365444	7.804	1.54039e+04	10.60	970825	14.44
UPPER LIMIT	730888	8.304	3080780	11.098	1941650	14.939
LOWER LIMIT	182722	7.304	770195	10.098	485412.5	13.939
EPA SAMPLE NO.						
01 SBLK608	295327	7.81	1.23727e	10.60	783745	14.44
02 DDCK4	288767	7.81	975935	10.60	801753	14.45
03 DDCD9	325614	7.80	1.17943e	10.60	908789	14.44
04 DDCK6	334161	7.81	1.35169e	10.60	896765	14.44
05 DDCK8	308527	7.80	1.14291e	10.60	850669	14.44
06 DDCF9	278905	7.80	1.18825e	10.60	817701	14.44
07 DDCK9	319864	7.80	1.31236e	10.60	861438	14.44
08 DDCL0	305184	7.80	1.18291e	10.60	833729	14.45
09 DDCK2	290643	7.80	1.22405e	10.60	812218	14.44
10 DDCL3	261989	7.80	1.06875e	10.60	675299	14.44

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.: BM100224 SAS No.: BM100224 SDG NO.: BM100224

EPA Sample No.: SSTD020022 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 15:59

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	619410	17.186	588645	21.409	637397	24.415
UPPER LIMIT	1238820	17.686	1177290	21.909	1274794	24.915
LOWER LIMIT	309705	16.686	294322.5	20.909	318698.5	23.915
EPA SAMPLE NO.						
01 SBLK608	1.80293*	17.18	1.67975e+ *	21.40	1.88761e+ *	24.42
02 DDCB3DL2	1.22327	17.18	1.17931e+ *	21.40	1.35421e+ *	24.41
03 DDCE0DL2	1.23525	17.18	1.14045e+	21.40	1.30941e+ *	24.41
04 DDCB2DL	982113	17.18	933825	21.40	1.08097e+	24.41
05 DDCA2DL	999415	17.17	922145	21.40	1.06536e+	24.41
06 DDCA0DL	1.23789	17.18	1.25423e+ *	21.40	1.49645e+ *	24.41
07 DDC26	1.26498*	17.18	1.26219e+ *	21.40	1.48228e+ *	24.41
08 DDCG0	1.43445*	17.18	1.4152e+0 *	21.40	1.62621e+ *	24.41
09 DDCG0MS	1.3588e*	17.18	1.39288e+ *	21.40	1.50965e+ *	24.41
10 DDCG0MSD	1.47749*	17.18	1.43652e+ *	21.40	1.55829e+ *	24.41
11 DDCJ9	1.25946*	17.18	1.241e+00 *	21.40	1.44305e+ *	24.40
12 DDCK1	1.4762e*	17.19	1.4357e+0 *	21.40	1.62516e+ *	24.40
13 SLCS608	1.60185*	17.18	1.547e+00 *	21.40	1.68342e+ *	24.41
14 SBLK608	1.61061*	17.17	1.50297e+ *	21.40	1.73456e+ *	24.40
15 DDCK4	1.48652*	17.20	1.42085e+ *	21.40	1.66442e+ *	24.41
16 DDCK9	1.72802*	17.19	1.68387e+ *	21.40	1.92689e+ *	24.40
17 DDCK6	1.68812*	17.19	1.59679e+ *	21.40	1.83332e+ *	24.40
18 DDCK8	1.66843*	17.19	1.59215e+ *	21.40	1.86785e+ *	24.40
19 DDCF9	1.57966*	17.19	1.58236e+ *	21.40	1.75969e+ *	24.40
20 DDCK9	1.67365*	17.19	1.64074e+ *	21.40	1.84596e+ *	24.40
21 DDCL0	1.59228*	17.20	1.50856e+ *	21.40	1.72683e+ *	24.40

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM100224 SAS No.: BM100224 SDG NO.: BM100224

EPA Sample No.: SSTD020022 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 07:04

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	619410	17.186	588645	21.409	637397	24.415
UPPER LIMIT	1238820	17.686	1177290	21.909	1274794	24.915
LOWER LIMIT	309705	16.686	294322.5	20.909	318698.5	23.915
EPA SAMPLE NO.						
22 DDCK2	1.67116*	17.18	1.58926e+ *	21.40	1.79559e+ *	24.40
23 DDCL3	1.43842*	17.17	1.42806e+ *	21.40	1.64717e+ *	24.40

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.: BM100224 SAS No.: BM100224 SDG NO.: BM100224

EPA Sample No.: SSTD020156 Date Analyzed: Oct 2 2024 12:00AM

Lab File ID: BM047777.D Time Analyzed: 15:59

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	2.14878e+01	17.18	1.94268e+	21.409	2.17025e+01	24.415
UPPER LIMIT	4297560	17.68	3885360	21.909	4340500	24.915
LOWER LIMIT	1074390	16.68	971340	20.909	1085125	23.915
EPA SAMPLE NO.						
01 SBLK608	1.80293	17.18	1.67975e+	21.40	1.88761e+	24.42
02 DDCB3DL2	1.22327	17.18	1.17931e+	21.40	1.35421e+	24.41
03 DDCE0DL2	1.23525	17.18	1.14045e+	21.40	1.30941e+	24.41
04 DDCB2DL	982113 *	17.18	933825 *	21.40	1.08097e+ *	24.41
05 DDCA2DL	999415 *	17.17	922145 *	21.40	1.06536e+ *	24.41
06 DDCA0DL	1.23789	17.18	1.25423e+	21.40	1.49645e+	24.41
07 DDC26	1.26498	17.18	1.26219e+	21.40	1.48228e+	24.41
08 DDCG0	1.43445	17.18	1.4152e+0	21.40	1.62621e+	24.41
09 DDCG0MS	1.3588e	17.18	1.39288e+	21.40	1.50965e+	24.41
10 DDCG0MSD	1.47749	17.18	1.43652e+	21.40	1.55829e+	24.41
11 DDCJ9	1.25946	17.18	1.241e+00	21.40	1.44305e+	24.40
12 DDCK1	1.4762e	17.19	1.4357e+0	21.40	1.62516e+	24.40
13 SLCS608	1.60185	17.18	1.547e+00	21.40	1.68342e+	24.41

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.: BM100224 SAS No.: BM100224 SDG NO.: BM100224

EPA Sample No.: SSTD020157 Date Analyzed: Oct 3 2024 12:00AM

Lab File ID: BM047791.D Time Analyzed: 01:49

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	2.01023e+01	17.18	1.88728e+	21.403	2.13276e+01	24.409
UPPER LIMIT	4020460	17.68	3774560	21.903	4265520	24.909
LOWER LIMIT	1005115	16.68	943640	20.903	1066380	23.909
EPA SAMPLE NO.						
01 SBLK608	1.61061	17.17	1.50297e+	21.40	1.73456e+	24.40
02 DDCK4	1.48652	17.20	1.42085e+	21.40	1.66442e+	24.41
03 DDCK9	1.72802	17.19	1.68387e+	21.40	1.92689e+	24.40
04 DDCK6	1.68812	17.19	1.59679e+	21.40	1.83332e+	24.40
05 DDCK8	1.66843	17.19	1.59215e+	21.40	1.86785e+	24.40
06 DDCK9	1.57966	17.19	1.58236e+	21.40	1.75969e+	24.40
07 DDCK9	1.67365	17.19	1.64074e+	21.40	1.84596e+	24.40
08 DDCK10	1.59228	17.20	1.50856e+	21.40	1.72683e+	24.40
09 DDCK2	1.67116	17.18	1.58926e+	21.40	1.79559e+	24.40
10 DDCK13	1.43842	17.17	1.42806e+	21.40	1.64717e+	24.40

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT LOWER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM100224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB163608BS	1,4-Dioxane	530	230	ug/Kg	43				0	0	
	Benzaldehyde	1300	700	ug/Kg	54				0	0	
	Pyridine	1300	580	ug/Kg	45				0	0	
	Phenol	1300	640	ug/Kg	49				0	0	
	Bis(2-chloroethyl)ether	1300	630	ug/Kg	48				0	0	
	2-Chlorophenol	1300	720	ug/Kg	55				0	0	
	2-Methylphenol	1300	670	ug/Kg	52				0	0	
	2,2-oxybis(1-Chloropropane)	1300	510	ug/Kg	39				0	0	
	Acetophenone	1300	650	ug/Kg	50				0	0	
	4-Methylphenol	1300	670	ug/Kg	52				0	0	
	N-Nitroso-di-n-propylamine	1300	620	ug/Kg	48				0	0	
	Hexachloroethane	1300	660	ug/Kg	51				0	0	
	Nitrobenzene	1300	610	ug/Kg	47				0	0	
	Isophorone	1300	640	ug/Kg	49				0	0	
	2-Nitrophenol	1300	760	ug/Kg	58				0	0	
	2,4-Dimethylphenol	1300	570	ug/Kg	44				0	0	
	Bis(2-chloroethoxy)methane	1300	640	ug/Kg	49				0	0	
	2,4-Dichlorophenol	1300	750	ug/Kg	58				0	0	
	Naphthalene	1300	680	ug/Kg	52				0	0	
	4-Chloroaniline	1300	620	ug/Kg	48				0	0	
	Hexachlorobutadiene	1300	690	ug/Kg	53				0	0	
	Caprolactam	1300	830	ug/Kg	64				0	0	
	4-Chloro-3-methylphenol	1300	750	ug/Kg	58				0	0	
	1-Methylnaphthalene	1300	710	ug/Kg	55				0	0	
	2-Methylnaphthalene	1300	720	ug/Kg	55				0	0	
	Hexachlorocyclopentadiene	1300	530	ug/Kg	41				0	0	
	2,4,6-Trichlorophenol	1300	750	ug/Kg	58				0	0	
	2,4,5-Trichlorophenol	1300	740	ug/Kg	57				0	0	
	1,1'-Biphenyl	1300	670	ug/Kg	52				0	0	
	2-Chloronaphthalene	1300	680	ug/Kg	52				0	0	
	2-Nitroaniline	1300	630	ug/Kg	48				0	0	
	Dimethylphthalate	1300	710	ug/Kg	55				0	0	
	2,6-Dinitrotoluene	1300	790	ug/Kg	61				0	0	
	Acenaphthylene	1300	690	ug/Kg	53				0	0	
	3-Nitroaniline	1300	720	ug/Kg	55				0	0	
	Acenaphthene	1300	680	ug/Kg	52				0	0	
	2,4-Dinitrophenol	1300	620	ug/Kg	48				0	0	
	4-Nitrophenol	1300	670	ug/Kg	52				0	0	
	Dibenzofuran	1300	690	ug/Kg	53				0	0	
	2,4-Dinitrotoluene	1300	790	ug/Kg	61				0	0	
	Diethylphthalate	1300	730	ug/Kg	56				0	0	
	Fluorene	1300	690	ug/Kg	53				0	0	
	4-Chlorophenyl-phenylether	1300	700	ug/Kg	54				0	0	
	4-Nitroaniline	1300	800	ug/Kg	62				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM100224

Client: _____

Analytical Method: SFAM_SVOC DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB163608BS	4,6-Dinitro-2-methylphenol	1300	660	ug/Kg	51				0	0		
	N-Nitrosodiphenylamine	1300	670	ug/Kg	52				0	0		
	1,2,4,5-Tetrachlorobenzene	1300	670	ug/Kg	52				0	0		
	4-Bromophenyl-phenylether	1300	710	ug/Kg	55				0	0		
	Hexachlorobenzene	1300	710	ug/Kg	55				0	0		
	Atrazine	1300	640	ug/Kg	49				0	0		
	Pentachlorophenol	1300	760	ug/Kg	58				0	0		
	Phenanthrene	1300	680	ug/Kg	52				0	0		
	Pentachlorobenzene	1300	630	ug/Kg	48				0	0		
	Anthracene	1300	670	ug/Kg	52				0	0		
	1,2,3,4-Tetrachlorobenzene	1300	620	ug/Kg	48				0	0		
	Carbazole	1300	690	ug/Kg	53				0	0		
	Di-n-butylphthalate	1300	770	ug/Kg	59				0	0		
	Fluoranthene	1300	720	ug/Kg	55				0	0		
	Pyrene	1300	700	ug/Kg	54				0	0		
	Butylbenzylphthalate	1300	830	ug/Kg	64				0	0		
	3,3'-Dichlorobenzidine	1300	700	ug/Kg	54				0	0		
	Benzo(a)anthracene	1300	710	ug/Kg	55				0	0		
	Chrysene	1300	690	ug/Kg	53				0	0		
	Bis(2-ethylhexyl)phthalate	1300	860	ug/Kg	66				0	0		
	Di-n-octylphthalate	1300	810	ug/Kg	62				0	0		
	Benzo(b)fluoranthene	1300	720	ug/Kg	55				0	0		
	Benzo(k)fluoranthene	1300	720	ug/Kg	55				0	0		
	Benzo(a)pyrene	1300	710	ug/Kg	55				0	0		
	Indeno(1,2,3-cd)pyrene	1300	690	ug/Kg	53				0	0		
	Dibenzo(a,h)anthracene	1300	690	ug/Kg	53				0	0		
	Benzo(g,h,i)perylene	1300	680	ug/Kg	52				0	0		
	2,3,4,6-Tetrachlorophenol	1300	790	ug/Kg	61				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK608

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM100224

SAS No.: BM100224 SDG NO.: BM100224

Lab File ID: BM047778.D

Lab Sample ID: PB163608BL

Instrument ID: BNA_M

Date Extracted: 09/23/2024

Matrix: (soil/water) Solid

Date Analyzed: 10/02/2024

Level: (low/med) LOW

Time Analyzed: 15:59

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DDCK4	P4020-02	BM047793.D	10/03/2024
DDCD9	P4020-03	BM047794.D	10/03/2024
DDCK6	P4020-04	BM047795.D	10/03/2024
DDCK8	P4020-12	BM047796.D	10/03/2024
DDCF9	P4020-05	BM047797.D	10/03/2024
DDCK9	P4020-13	BM047798.D	10/03/2024
DDCL0	P4020-14	BM047799.D	10/03/2024
DDCK2	P4020-11	BM047800.D	10/03/2024
DDCL3	P4020-15	BM047801.D	10/03/2024
DDC26	P4020-01	BM047784.D	10/02/2024
DDCG0	P4020-06	BM047785.D	10/02/2024
DDCG0MS	P4020-07MS	BM047786.D	10/02/2024
DDCG0MSD	P4020-08MSD	BM047787.D	10/02/2024
DDCJ9	P4020-09	BM047788.D	10/02/2024
DDCK1	P4020-10	BM047789.D	10/02/2024
PB163608BS	PB163608BS	BM047790.D	10/02/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM100224

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4020-07MS	Client Sample ID:	DDCG0MS				DataFile:	BM047786.D			
1,4-Dioxane	660		370	ug/Kg	56				15	120	
Benzaldehyde	1600		1000	ug/Kg	63				0	0	
Pyridine	1600		960	ug/Kg	60				0	0	
Phenol	1600		1100	ug/Kg	69				26	90	
Bis(2-chloroethyl)ether	1600		1100	ug/Kg	69				0	0	
2-Chlorophenol	1600		1200	ug/Kg	75				25	102	
2-Methylphenol	1600		1200	ug/Kg	75				0	0	
2,2-oxybis(1-Chloropropane)	1600		860	ug/Kg	54				0	0	
Acetophenone	1600		1100	ug/Kg	69				0	0	
4-Methylphenol	1600		1200	ug/Kg	75				0	0	
N-Nitroso-di-n-propylamine	1600		1100	ug/Kg	69				41	126	
Hexachloroethane	1600		1100	ug/Kg	69				0	0	
Nitrobenzene	1600		1000	ug/Kg	63				0	0	
Isophorone	1600		1100	ug/Kg	69				0	0	
2-Nitrophenol	1600		1300	ug/Kg	81				0	0	
2,4-Dimethylphenol	1600		1100	ug/Kg	69				0	0	
Bis(2-chloroethoxy)methane	1600		1100	ug/Kg	69				0	0	
2,4-Dichlorophenol	1600		1300	ug/Kg	81				0	0	
Naphthalene	1600		1200	ug/Kg	75				0	0	
4-Chloroaniline	1600		970	ug/Kg	61				0	0	
Hexachlorobutadiene	1600		1200	ug/Kg	75				0	0	
Caprolactam	1600		1400	ug/Kg	88				0	0	
4-Chloro-3-methylphenol	1600		1300	ug/Kg	81				26	103	
1-Methylnaphthalene	1600		1200	ug/Kg	75				0	0	
2-Methylnaphthalene	1600		1200	ug/Kg	75				0	0	
Hexachlorocyclopentadiene	1600		910	ug/Kg	57				0	0	
2,4,6-Trichlorophenol	1600		1300	ug/Kg	81				0	0	
2,4,5-Trichlorophenol	1600		1300	ug/Kg	81				0	0	
1,1'-Biphenyl	1600		1200	ug/Kg	75				0	0	
2-Chloronaphthalene	1600		1200	ug/Kg	75				0	0	
2-Nitroaniline	1600		1100	ug/Kg	69				0	0	
Dimethylphthalate	1600		1300	ug/Kg	81				0	0	
2,6-Dinitrotoluene	1600		1400	ug/Kg	88				0	0	
Acenaphthylene	1600		1200	ug/Kg	75				0	0	
3-Nitroaniline	1600		1300	ug/Kg	81				0	0	
Acenaphthene	1600		1200	ug/Kg	75				31	137	
2,4-Dinitrophenol	1600		1200	ug/Kg	75				0	0	
4-Nitrophenol	1600		1200	ug/Kg	75				11	114	
Dibenzofuran	1600		1200	ug/Kg	75				0	0	
2,4-Dinitrotoluene	1600		1400	ug/Kg	88				28	89	
Diethylphthalate	1600		1300	ug/Kg	81				0	0	
Fluorene	1600		1200	ug/Kg	75				0	0	
4-Chlorophenyl-phenylether	1600		1200	ug/Kg	75				0	0	
4-Nitroaniline	1600		1500	ug/Kg	94				0	0	
4,6-Dinitro-2-methylphenol	1600		1100	ug/Kg	69				0	0	
N-Nitrosodiphenylamine	1600		1200	ug/Kg	75				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM100224

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1600	1300	1200	ug/Kg	75				0	0	
4-Bromophenyl-phenylether	1600		1200	ug/Kg	75				0	0	
Hexachlorobenzene	1600		1200	ug/Kg	75				0	0	
Atrazine	1600		1000	ug/Kg	63				0	0	
Pentachlorophenol	1600		2600	ug/Kg	81				17	109	
Phenanthrene	1600		1200	ug/Kg	75				0	0	
Pentachlorobenzene	1600		1000	ug/Kg	63				0	0	
Anthracene	1600		1200	ug/Kg	75				0	0	
1,2,3,4-Tetrachlorobenzene	1600		1000	ug/Kg	63				0	0	
Carbazole	1600		1200	ug/Kg	75				0	0	
Di-n-butylphthalate	1600		1400	ug/Kg	88				0	0	
Fluoranthene	1600		1200	ug/Kg	75				0	0	
Pyrene	1600		1200	ug/Kg	75				35	142	
Butylbenzylphthalate	1600		1500	ug/Kg	94				0	0	
3,3'-Dichlorobenzidine	1600		1100	ug/Kg	69				0	0	
Benzo(a)anthracene	1600		1200	ug/Kg	75				0	0	
Chrysene	1600		1200	ug/Kg	75				0	0	
Bis(2-ethylhexyl)phthalate	1600		1500	ug/Kg	94				0	0	
Di-n-octylphthalate	1600		1500	ug/Kg	94				0	0	
Benzo(b)fluoranthene	1600		1300	ug/Kg	81				0	0	
Benzo(k)fluoranthene	1600		1200	ug/Kg	75				0	0	
Benzo(a)pyrene	1600		1200	ug/Kg	75				0	0	
Indeno(1,2,3-cd)pyrene	1600		1200	ug/Kg	75				0	0	
Dibenzo(a,h)anthracene	1600		1200	ug/Kg	75				0	0	
Benzo(g,h,i)perylene	1600		1200	ug/Kg	75				0	0	
2,3,4,6-Tetrachlorophenol	1600		1400	ug/Kg	88				0	0	

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM100224

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P4020-08MSD	Client Sample ID:	DDCG0MSD					DataFile:	BM047787.D		
1,4-Dioxane	660		360	ug/Kg	55		2		15	120	50
Benzaldehyde	1600		1000	ug/Kg	63		0		0	0	0
Pyridine	1600		920	ug/Kg	58		3	*	0	0	0
Phenol	1600		1100	ug/Kg	69		0		26	90	35
Bis(2-chloroethyl)ether	1600		1000	ug/Kg	63		9	*	0	0	0
2-Chlorophenol	1600		1200	ug/Kg	75		0		25	102	50
2-Methylphenol	1600		1100	ug/Kg	69		8	*	0	0	0
2,2-oxybis(1-Chloropropane)	1600		840	ug/Kg	52		4	*	0	0	0
Acetophenone	1600		1100	ug/Kg	69		0		0	0	0
4-Methylphenol	1600		1100	ug/Kg	69		8	*	0	0	0
N-Nitroso-di-n-propylamine	1600		1100	ug/Kg	69		0		41	126	38
Hexachloroethane	1600		1100	ug/Kg	69		0		0	0	0
Nitrobenzene	1600		1000	ug/Kg	63		0		0	0	0
Isophorone	1600		1100	ug/Kg	69		0		0	0	0
2-Nitrophenol	1600		1300	ug/Kg	81		0		0	0	0
2,4-Dimethylphenol	1600		1100	ug/Kg	69		0		0	0	0
Bis(2-chloroethoxy)methane	1600		1100	ug/Kg	69		0		0	0	0
2,4-Dichlorophenol	1600		1300	ug/Kg	81		0		0	0	0
Naphthalene	1600		1100	ug/Kg	69		8	*	0	0	0
4-Chloroaniline	1600		950	ug/Kg	59		3	*	0	0	0
Hexachlorobutadiene	1600		1100	ug/Kg	69		8	*	0	0	0
Caprolactam	1600		1300	ug/Kg	81		8	*	0	0	0
4-Chloro-3-methylphenol	1600		1300	ug/Kg	81		0		26	103	33
1-Methylnaphthalene	1600		1200	ug/Kg	75		0		0	0	0
2-Methylnaphthalene	1600		1200	ug/Kg	75		0		0	0	0
Hexachlorocyclopentadiene	1600		900	ug/Kg	56		2	*	0	0	0
2,4,6-Trichlorophenol	1600		1300	ug/Kg	81		0		0	0	0
2,4,5-Trichlorophenol	1600		1300	ug/Kg	81		0		0	0	0
1,1'-Biphenyl	1600		1100	ug/Kg	69		8	*	0	0	0
2-Chloronaphthalene	1600		1100	ug/Kg	69		8	*	0	0	0
2-Nitroaniline	1600		1100	ug/Kg	69		0		0	0	0
Dimethylphthalate	1600		1200	ug/Kg	75		8	*	0	0	0
2,6-Dinitrotoluene	1600		1400	ug/Kg	88		0		0	0	0
Acenaphthylene	1600		1200	ug/Kg	75		0		0	0	0
3-Nitroaniline	1600		1300	ug/Kg	81		0		0	0	0
Acenaphthene	1600		1100	ug/Kg	69		8		31	137	19
2,4-Dinitrophenol	1600		1100	ug/Kg	69		8	*	0	0	0
4-Nitrophenol	1600		1100	ug/Kg	69		8		11	114	50
Dibenzofuran	1600		1200	ug/Kg	75		0		0	0	0
2,4-Dinitrotoluene	1600		1400	ug/Kg	88		0		28	89	47
Diethylphthalate	1600		1200	ug/Kg	75		8	*	0	0	0
Fluorene	1600		1100	ug/Kg	69		8	*	0	0	0
4-Chlorophenyl-phenylether	1600		1200	ug/Kg	75		0		0	0	0
4-Nitroaniline	1600		1400	ug/Kg	88		7	*	0	0	0
4,6-Dinitro-2-methylphenol	1600		1100	ug/Kg	69		0		0	0	0
N-Nitrosodiphenylamine	1600		1100	ug/Kg	69		8	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM100224

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1600	1300	1100	ug/Kg	69	8	*		0	0	0
4-Bromophenyl-phenylether	1600		1200	ug/Kg	75	0			0	0	0
Hexachlorobenzene	1600		1200	ug/Kg	75	0			0	0	0
Atrazine	1600		980	ug/Kg	61	3	*		0	0	0
Pentachlorophenol	1600		2500	ug/Kg	75	8			17	109	47
Phenanthrene	1600		1100	ug/Kg	69	8	*		0	0	0
Pentachlorobenzene	1600		1000	ug/Kg	63	0			0	0	0
Anthracene	1600		1100	ug/Kg	69	8	*		0	0	0
1,2,3,4-Tetrachlorobenzene	1600		1000	ug/Kg	63	0			0	0	0
Carbazole	1600		1200	ug/Kg	75	0			0	0	0
Di-n-butylphthalate	1600		1400	ug/Kg	88	0			0	0	0
Fluoranthene	1600		1200	ug/Kg	75	0			0	0	0
Pyrene	1600		1200	ug/Kg	75	0			35	142	36
Butylbenzylphthalate	1600		1500	ug/Kg	94	0			0	0	0
3,3'-Dichlorobenzidine	1600		1000	ug/Kg	63	9	*		0	0	0
Benzo(a)anthracene	1600		1200	ug/Kg	75	0			0	0	0
Chrysene	1600		1200	ug/Kg	75	0			0	0	0
Bis(2-ethylhexyl)phthalate	1600		1500	ug/Kg	94	0			0	0	0
Di-n-octylphthalate	1600		1400	ug/Kg	88	7	*		0	0	0
Benzo(b)fluoranthene	1600		1200	ug/Kg	75	8	*		0	0	0
Benzo(k)fluoranthene	1600		1200	ug/Kg	75	0			0	0	0
Benzo(a)pyrene	1600		1200	ug/Kg	75	0			0	0	0
Indeno(1,2,3-cd)pyrene	1600		1200	ug/Kg	75	0			0	0	0
Dibenzo(a,h)anthracene	1600		1200	ug/Kg	75	0			0	0	0
Benzo(g,h,i)perylene	1600		1200	ug/Kg	75	0			0	0	0
2,3,4,6-Tetrachlorophenol	1600		1400	ug/Kg	88	0			0	0	0

Surrogate Summary

SW-846

SDG No.: **BM100224**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4018-02DL	DDCA0DL	BM047783.D	1,4-Dioxane-d8	8	2.44	30		15	120
			Pyridine-d5	40	13.27	33		20	120
			Phenol-d5	40	13.02	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.63	32		10	150
			2-Chlorophenol-d4	40	14.71	37		15	120
			4-Methylphenol-d8	40	12.66	32		10	140
			Nitrobenzene-d5	40	13.69	34		10	135
			2-Nitrophenol-d4	40	12.07	30		10	120
			2,4-Dichlorophenol-d3	40	14.52	36		10	140
			4-Chloroaniline-d4	40	12.83	32		1	145
			Dimethylphthalate-d6	40	17.33	43		10	145
			Acenaphthylene-d8	40	17.00	43		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	19.39	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.85	17		10	130
			Anthracene-d10	40	17.78	44		10	150
			Pyrene-d10	40	18.54	46		10	130
			Benzo(a)pyrene-d12	40	17.46	44		10	140
P4018-04DL	DDCA2DL	BM047782.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Phenol-d5	40	14.00	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.40	36		10	150
			2-Chlorophenol-d4	40	16.58	41		15	120
			4-Methylphenol-d8	40	14.20	35		10	140
			Nitrobenzene-d5	40	15.52	39		10	135
			2-Nitrophenol-d4	40	12.74	32		10	120
			2,4-Dichlorophenol-d3	40	15.36	38		10	140
			4-Chloroaniline-d4	40	13.06	33		1	145
			Dimethylphthalate-d6	40	20.68	52		10	145
			Acenaphthylene-d8	40	19.12	48		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	21.72	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	19.72	49		10	150
			Pyrene-d10	40	21.18	53		10	130
			Benzo(a)pyrene-d12	40	17.82	45		10	140
P4018-06DL	DDCB2DL	BM047781.D	Pyridine-d5	40	0.00	0	*	20	120
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Phenol-d5	40	11.20	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.12	30		10	150
			2-Chlorophenol-d4	40	13.40	33		15	120
			4-Methylphenol-d8	40	10.28	26		10	140
			Nitrobenzene-d5	40	12.52	31		10	135
			2-Nitrophenol-d4	40	0.00	0	*	10	120
			2,4-Dichlorophenol-d3	40	11.90	30		10	140
			4-Chloroaniline-d4	40	9.02	23		1	145
			Dimethylphthalate-d6	40	17.72	44		10	145
			Acenaphthylene-d8	40	16.06	40		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150

Surrogate Summary

SW-846

SDG No.: BM100224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4018-06DL	DDCB2DL	BM047781.D	Fluorene-d10	40	17.22	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	15.94	40		10	150
			Pyrene-d10	40	17.06	43		10	130
			Benzo(a)pyrene-d12	40	15.70	39		10	140
P4018-07DL2	DDCB3DL2	BM047779.D	1,4-Dioxane-d8	8	4.11	51		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	14.85	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.44	41		10	150
			2-Chlorophenol-d4	40	18.33	46		15	120
			4-Methylphenol-d8	40	13.89	35		10	140
			Nitrobenzene-d5	40	16.29	41		10	135
			2-Nitrophenol-d4	40	13.53	34		10	120
			2,4-Dichlorophenol-d3	40	15.45	39		10	140
			4-Chloroaniline-d4	40	13.38	33		1	145
			Dimethylphthalate-d6	40	22.32	56		10	145
			Acenaphthylene-d8	40	20.01	50		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	22.98	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.76	14		10	130
			Anthracene-d10	40	20.79	52		10	150
			Pyrene-d10	40	22.41	56		10	130
			Benzo(a)pyrene-d12	40	20.76	52		10	140
			1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
P4018-13DL2	DDCE0DL2	BM047780.D	Phenol-d5	40	12.09	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.91	37		10	150
			2-Chlorophenol-d4	40	16.14	40		15	120
			4-Methylphenol-d8	40	12.69	32		10	140
			Nitrobenzene-d5	40	13.53	34		10	135
			2-Nitrophenol-d4	40	12.21	31		10	120
			2,4-Dichlorophenol-d3	40	14.52	36		10	140
			4-Chloroaniline-d4	40	12.36	31		1	145
			Dimethylphthalate-d6	40	20.70	52		10	145
			Acenaphthylene-d8	40	18.99	47		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	21.48	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.46	14		10	130
			Anthracene-d10	40	20.67	52		10	150
			Pyrene-d10	40	22.14	55		10	130
			Benzo(a)pyrene-d12	40	18.81	47		10	140

Surrogate Summary

SW-846

SDG No.: BM100224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4020-01	DDC26	BM047784.D	1,4-Dioxane-d8	8	2.32	29		15	120
			Pyridine-d5	40	10.45	26		20	120
			Phenol-d5	40	12.79	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	11.50	29		10	150
			2-Chlorophenol-d4	40	14.30	36		15	120
			4-Methylphenol-d8	40	13.80	35		10	140
			Nitrobenzene-d5	40	13.79	34		10	135
			2-Nitrophenol-d4	40	14.63	37		10	120
			2,4-Dichlorophenol-d3	40	15.12	38		10	140
			4-Chloroaniline-d4	40	13.72	34		1	145
			Dimethylphthalate-d6	40	16.82	42		10	145
			Acenaphthylene-d8	40	15.96	40		15	120
			4-Nitrophenol-d4	40	8.59	21		10	150
			Fluorene-d10	40	16.96	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.20	18		10	130
			Anthracene-d10	40	16.69	42		10	150
			Pyrene-d10	40	17.35	43		10	130
			Benzo(a)pyrene-d12	40	17.13	43		10	140
P4020-02	DDCK4	BM047793.D	1,4-Dioxane-d8	8	2.44	30		15	120
			Pyridine-d5	40	8.68	22		20	120
			Phenol-d5	40	14.71	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.37	41		10	150
			2-Chlorophenol-d4	40	16.50	41		15	120
			4-Methylphenol-d8	40	15.16	38		10	140
			Nitrobenzene-d5	40	22.63	57		10	135
			2-Nitrophenol-d4	40	21.63	54		10	120
			2,4-Dichlorophenol-d3	40	21.12	53		10	140
			4-Chloroaniline-d4	40	22.43	56		1	145
			Dimethylphthalate-d6	40	15.39	38		10	145
			Acenaphthylene-d8	40	16.18	40		15	120
			4-Nitrophenol-d4	40	18.64	47		10	150
			Fluorene-d10	40	16.43	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.85	80		10	130
			Anthracene-d10	40	16.12	40		10	150
			Pyrene-d10	40	17.22	43		10	130
			Benzo(a)pyrene-d12	40	17.04	43		10	140
P4020-03	DDCD9	BM047794.D	1,4-Dioxane-d8	8	2.61	33		15	120
			Pyridine-d5	40	11.16	28		20	120
			Phenol-d5	40	15.93	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.20	33		10	150
			2-Chlorophenol-d4	40	18.03	45		15	120
			4-Methylphenol-d8	40	16.91	42		10	140
			Nitrobenzene-d5	40	20.43	51		10	135
			2-Nitrophenol-d4	40	22.84	57		10	120
			2,4-Dichlorophenol-d3	40	21.75	54		10	140
			4-Chloroaniline-d4	40	13.17	33		1	145
			Dimethylphthalate-d6	40	18.43	46		10	145
			Acenaphthylene-d8	40	18.08	45		15	120
			4-Nitrophenol-d4	40	14.30	36		10	150

Surrogate Summary

SW-846

SDG No.: BM100224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4020-03	DDCD9	BM047794.D	Fluorene-d10	40	18.53	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.71	32		10	130
			Anthracene-d10	40	18.08	45		10	150
			Pyrene-d10	40	20.02	50		10	130
			Benzo(a)pyrene-d12	40	18.83	47		10	140
P4020-04	DDCK6	BM047795.D	1,4-Dioxane-d8	8	2.03	25		15	120
			Pyridine-d5	40	7.89	20		20	120
			Phenol-d5	40	14.14	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.01	33		10	150
			2-Chlorophenol-d4	40	15.19	38		15	120
			4-Methylphenol-d8	40	13.64	34		10	140
			Nitrobenzene-d5	40	16.30	41		10	135
			2-Nitrophenol-d4	40	17.96	45		10	120
			2,4-Dichlorophenol-d3	40	16.74	42		10	140
			4-Chloroaniline-d4	40	9.30	23		1	145
			Dimethylphthalate-d6	40	16.17	40		10	145
			Acenaphthylene-d8	40	16.12	40		15	120
			4-Nitrophenol-d4	40	15.98	40		10	150
			Fluorene-d10	40	16.18	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.86	30		10	130
			Anthracene-d10	40	16.18	40		10	150
			Pyrene-d10	40	17.48	44		10	130
			Benzo(a)pyrene-d12	40	16.85	42		10	140
P4020-05	DDCF9	BM047797.D	1,4-Dioxane-d8	8	2.75	34		15	120
			Pyridine-d5	40	16.05	40		20	120
			Phenol-d5	40	16.79	42		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.39	36		10	150
			2-Chlorophenol-d4	40	18.96	47		15	120
			4-Methylphenol-d8	40	18.89	47		10	140
			Nitrobenzene-d5	40	20.17	50		10	135
			2-Nitrophenol-d4	40	22.86	57		10	120
			2,4-Dichlorophenol-d3	40	20.63	52		10	140
			4-Chloroaniline-d4	40	19.07	48		1	145
			Dimethylphthalate-d6	40	24.69	62		10	145
			Acenaphthylene-d8	40	23.31	58		15	120
			4-Nitrophenol-d4	40	16.63	42		10	150
			Fluorene-d10	40	24.60	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.26	43		10	130
			Anthracene-d10	40	23.79	59		10	150
			Pyrene-d10	40	25.24	63		10	130
			Benzo(a)pyrene-d12	40	25.35	63		10	140
P4020-06	DDCG0	BM047785.D	1,4-Dioxane-d8	8	3.17	40		15	120
			Pyridine-d5	40	14.31	36		20	120
			Phenol-d5	40	19.95	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.54	44		10	150
			2-Chlorophenol-d4	40	21.45	54		15	120
			4-Methylphenol-d8	40	22.08	55		10	140
			Nitrobenzene-d5	40	21.80	55		10	135
			2-Nitrophenol-d4	40	23.17	58		10	120

Surrogate Summary

SW-846

SDG No.: BM100224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4020-06	DDCG0	BM047785.D	2,4-Dichlorophenol-d3	40	23.19	58		10	140
			4-Chloroaniline-d4	40	20.55	51		1	145
			Dimethylphthalate-d6	40	25.63	64		10	145
			Acenaphthylene-d8	40	24.39	61		15	120
			4-Nitrophenol-d4	40	20.95	52		10	150
			Fluorene-d10	40	26.06	65		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.14	43		10	130
			Anthracene-d10	40	25.40	63		10	150
			Pyrene-d10	40	27.06	68		10	130
			Benzo(a)pyrene-d12	40	26.76	67		10	140
P4020-07MS	DDCG0MS	BM047786.D	1,4-Dioxane-d8	8	3.08	38		15	120
			Pyridine-d5	40	14.09	35		20	120
			Phenol-d5	40	21.02	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.70	44		10	150
			2-Chlorophenol-d4	40	22.46	56		15	120
			4-Methylphenol-d8	40	22.48	56		10	140
			Nitrobenzene-d5	40	22.43	56		10	135
			2-Nitrophenol-d4	40	23.96	60		10	120
			2,4-Dichlorophenol-d3	40	24.98	62		10	140
			4-Chloroaniline-d4	40	21.78	54		1	145
			Dimethylphthalate-d6	40	24.58	61		10	145
			Acenaphthylene-d8	40	23.86	60		15	120
			4-Nitrophenol-d4	40	24.89	62		10	150
			Fluorene-d10	40	24.62	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.87	55		10	130
			Anthracene-d10	40	23.58	59		10	150
			Pyrene-d10	40	24.48	61		10	130
			Benzo(a)pyrene-d12	40	25.46	64		10	140
P4020-08MSD	DDCG0MSD	BM047787.D	1,4-Dioxane-d8	8	3.05	38		15	120
			Pyridine-d5	40	13.71	34		20	120
			Phenol-d5	40	20.59	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.21	43		10	150
			2-Chlorophenol-d4	40	22.01	55		15	120
			4-Methylphenol-d8	40	22.03	55		10	140
			Nitrobenzene-d5	40	21.85	55		10	135
			2-Nitrophenol-d4	40	24.23	61		10	120
			2,4-Dichlorophenol-d3	40	24.50	61		10	140
			4-Chloroaniline-d4	40	21.18	53		1	145
			Dimethylphthalate-d6	40	23.95	60		10	145
			Acenaphthylene-d8	40	23.09	58		15	120
			4-Nitrophenol-d4	40	23.30	58		10	150
			Fluorene-d10	40	23.64	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.09	53		10	130
			Anthracene-d10	40	22.84	57		10	150
			Pyrene-d10	40	24.31	61		10	130
			Benzo(a)pyrene-d12	40	24.70	62		10	140
P4020-09	DDCJ9	BM047788.D	1,4-Dioxane-d8	8	1.96	24		15	120
			Pyridine-d5	40	7.17	18	*	20	120
			Phenol-d5	40	12.40	31		10	130

Surrogate Summary

SW-846

SDG No.: BM100224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4020-09	DDCJ9	BM047788.D	Bis(2-Chloroethyl)ether-d8	40	10.98	27		10	150
			2-Chlorophenol-d4	40	13.42	34		15	120
			4-Methylphenol-d8	40	13.47	34		10	140
			Nitrobenzene-d5	40	13.76	34		10	135
			2-Nitrophenol-d4	40	14.53	36		10	120
			2,4-Dichlorophenol-d3	40	14.39	36		10	140
			4-Chloroaniline-d4	40	13.18	33		1	145
			Dimethylphthalate-d6	40	16.80	42		10	145
			Acenaphthylene-d8	40	15.91	40		15	120
			4-Nitrophenol-d4	40	11.48	29		10	150
			Fluorene-d10	40	16.88	42		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.08	23		10	130
			Anthracene-d10	40	16.83	42		10	150
			Pyrene-d10	40	17.89	45		10	130
			Benzo(a)pyrene-d12	40	17.60	44		10	140
P4020-10	DDCK1	BM047789.D	1,4-Dioxane-d8	8	1.92	24		15	120
			Pyridine-d5	40	5.79	14	*	20	120
			Phenol-d5	40	12.29	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.86	27		10	150
			2-Chlorophenol-d4	40	13.12	33		15	120
			4-Methylphenol-d8	40	13.50	34		10	140
			Nitrobenzene-d5	40	13.68	34		10	135
			2-Nitrophenol-d4	40	14.38	36		10	120
			2,4-Dichlorophenol-d3	40	14.25	36		10	140
			4-Chloroaniline-d4	40	11.99	30		1	145
			Dimethylphthalate-d6	40	17.80	44		10	145
			Acenaphthylene-d8	40	16.93	42		15	120
			4-Nitrophenol-d4	40	11.72	29		10	150
			Fluorene-d10	40	17.77	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.86	30		10	130
			Anthracene-d10	40	17.35	43		10	150
			Pyrene-d10	40	18.88	47		10	130
P4020-11	DDCK2	BM047800.D	Benzo(a)pyrene-d12	40	17.96	45		10	140
			1,4-Dioxane-d8	8	2.25	28		15	120
			Pyridine-d5	40	0.66	2	*	20	120
			Phenol-d5	40	16.23	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.89	35		10	150
			2-Chlorophenol-d4	40	18.14	45		15	120
			4-Methylphenol-d8	40	18.11	45		10	140
			Nitrobenzene-d5	40	19.04	48		10	135
			2-Nitrophenol-d4	40	21.34	53		10	120
			2,4-Dichlorophenol-d3	40	20.03	50		10	140
			4-Chloroaniline-d4	40	11.87	30		1	145
			Dimethylphthalate-d6	40	20.78	52		10	145
			Acenaphthylene-d8	40	20.63	52		15	120
			4-Nitrophenol-d4	40	16.62	42		10	150
			Fluorene-d10	40	21.94	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.93	37		10	130
			Anthracene-d10	40	21.33	53		10	150

Surrogate Summary

SW-846

SDG No.: BM100224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4020-11	DDCK2	BM047800.D	Pyrene-d10	40	23.19	58		10	130
			Benzo(a)pyrene-d12	40	22.31	56		10	140
P4020-12	DDCK8	BM047796.D	1,4-Dioxane-d8	8	2.24	28		15	120
			Pyridine-d5	40	11.21	28		20	120
			Phenol-d5	40	13.57	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.14	30		10	150
			2-Chlorophenol-d4	40	15.96	40		15	120
			4-Methylphenol-d8	40	14.48	36		10	140
			Nitrobenzene-d5	40	17.88	45		10	135
			2-Nitrophenol-d4	40	18.96	47		10	120
			2,4-Dichlorophenol-d3	40	18.16	45		10	140
			4-Chloroaniline-d4	40	14.92	37		1	145
			Dimethylphthalate-d6	40	15.41	39		10	145
			Acenaphthylene-d8	40	15.63	39		15	120
			4-Nitrophenol-d4	40	10.79	27		10	150
			Fluorene-d10	40	15.75	39		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.10	53		10	130
			Anthracene-d10	40	15.40	38		10	150
			Pyrene-d10	40	16.80	42		10	130
			Benzo(a)pyrene-d12	40	16.08	40		10	140
P4020-13	DDCK9	BM047798.D	1,4-Dioxane-d8	8	2.86	36		15	120
			Pyridine-d5	40	14.95	37		20	120
			Phenol-d5	40	17.64	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.13	40		10	150
			2-Chlorophenol-d4	40	20.34	51		15	120
			4-Methylphenol-d8	40	18.64	47		10	140
			Nitrobenzene-d5	40	20.57	51		10	135
			2-Nitrophenol-d4	40	22.65	57		10	120
			2,4-Dichlorophenol-d3	40	21.25	53		10	140
			4-Chloroaniline-d4	40	14.17	35		1	145
			Dimethylphthalate-d6	40	20.48	51		10	145
			Acenaphthylene-d8	40	20.50	51		15	120
			4-Nitrophenol-d4	40	17.86	45		10	150
			Fluorene-d10	40	20.44	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.15	38		10	130
			Anthracene-d10	40	19.93	50		10	150
			Pyrene-d10	40	21.29	53		10	130
			Benzo(a)pyrene-d12	40	20.95	52		10	140
P4020-14	DDCL0	BM047799.D	1,4-Dioxane-d8	8	3.42	43		15	120
			Pyridine-d5	40	18.55	46		20	120
			Phenol-d5	40	22.19	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.36	48		10	150
			2-Chlorophenol-d4	40	25.41	64		15	120
			4-Methylphenol-d8	40	23.45	59		10	140
			Nitrobenzene-d5	40	1.24	3	*	10	135
			2-Nitrophenol-d4	40	30.87	77		10	120
			2,4-Dichlorophenol-d3	40	28.32	71		10	140
			4-Chloroaniline-d4	40	19.40	49		1	145
			Dimethylphthalate-d6	40	24.15	60		10	145

Surrogate Summary

SW-846

SDG No.: **BM100224**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4020-14	DDCL0	BM047799.D	Acenaphthylene-d8	40	24.38	61		15	120
			4-Nitrophenol-d4	40	21.14	53		10	150
			Fluorene-d10	40	24.21	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.97	52		10	130
			Anthracene-d10	40	23.69	59		10	150
			Pyrene-d10	40	25.67	64		10	130
			Benzo(a)pyrene-d12	40	25.20	63		10	140
P4020-15	DDCL3	BM047801.D	1,4-Dioxane-d8	8	1.69	21		15	120
			Pyridine-d5	40	6.46	16	*	20	120
			Phenol-d5	40	9.73	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.67	24		10	150
			2-Chlorophenol-d4	40	12.60	31		15	120
			4-Methylphenol-d8	40	11.85	30		10	140
			Nitrobenzene-d5	40	13.06	33		10	135
			2-Nitrophenol-d4	40	14.55	36		10	120
			2,4-Dichlorophenol-d3	40	13.93	35		10	140
			4-Chloroaniline-d4	40	11.77	29		1	145
			Dimethylphthalate-d6	40	15.16	38		10	145
			Acenaphthylene-d8	40	14.65	37		15	120
			4-Nitrophenol-d4	40	9.23	23		10	150
			Fluorene-d10	40	15.53	39		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.43	21		10	130
			Anthracene-d10	40	14.87	37		10	150
			Pyrene-d10	40	15.84	40		10	130
			Benzo(a)pyrene-d12	40	15.83	40		10	140
		BM047792.D	1,4-Dioxane-d8	8	4.20	52		15	120
			Pyridine-d5	40	21.16	53		20	120
PB163608BL	PB163608BL	BM047778.D	Pyridine-d5	40	20.42	51		20	120
			1,4-Dioxane-d8	8	4.03	50		15	120
		BM047792.D	Phenol-d5	40	22.05	55		10	130
			Phenol-d5	40	22.25	56		10	130
		BM047778.D	Bis(2-Chloroethyl)ether-d8	40	20.24	51		10	150
			Bis(2-Chloroethyl)ether-d8	40	20.15	50		10	150
		BM047792.D	2-Chlorophenol-d4	40	25.19	63		15	120
			2-Chlorophenol-d4	40	25.38	63		15	120
		BM047778.D	4-Methylphenol-d8	40	23.41	59		10	140
			4-Methylphenol-d8	40	23.42	59		10	140
		BM047792.D	Nitrobenzene-d5	40	25.79	64		10	135
			Nitrobenzene-d5	40	25.48	64		10	135
		BM047778.D	2-Nitrophenol-d4	40	27.29	68		10	120
			2-Nitrophenol-d4	40	28.42	71		10	120
		BM047792.D	2,4-Dichlorophenol-d3	40	25.29	63		10	140
			2,4-Dichlorophenol-d3	40	24.80	62		10	140
		BM047778.D	4-Chloroaniline-d4	40	24.23	61		1	145
			4-Chloroaniline-d4	40	24.64	62		1	145
		BM047792.D	Dimethylphthalate-d6	40	27.40	68		10	145
			Dimethylphthalate-d6	40	26.30	66		10	145
		BM047778.D	Acenaphthylene-d8	40	25.10	63		15	120
			Acenaphthylene-d8	40	24.99	62		15	120

Surrogate Summary

SW-846

SDG No.: BM100224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB163608BL	PB163608BL	BM047778.D	4-Nitrophenol-d4	40	22.14	55		10	150
		BM047792.D	4-Nitrophenol-d4	40	21.26	53		10	150
			Fluorene-d10	40	25.98	65		20	140
		BM047778.D	Fluorene-d10	40	26.44	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.95	52		10	130
		BM047792.D	4,6-Dinitro-2-methylphenol-d2	40	18.59	46		10	130
			Anthracene-d10	40	25.51	64		10	150
		BM047778.D	Anthracene-d10	40	25.63	64		10	150
			Pyrene-d10	40	27.61	69		10	130
		BM047792.D	Pyrene-d10	40	27.66	69		10	130
			Benzo(a)pyrene-d12	40	26.05	65		10	140
		BM047778.D	Benzo(a)pyrene-d12	40	26.12	65		10	140
PB163608BS	PB163608BS	BM047790.D	1,4-Dioxane-d8	8	3.63	45		15	120
			Pyridine-d5	40	18.02	45		20	120
			Phenol-d5	40	20.13	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.16	43		10	150
			2-Chlorophenol-d4	40	22.51	56		15	120
			4-Methylphenol-d8	40	21.01	53		10	140
			Nitrobenzene-d5	40	21.98	55		10	135
			2-Nitrophenol-d4	40	23.62	59		10	120
			2,4-Dichlorophenol-d3	40	23.43	59		10	140
			4-Chloroaniline-d4	40	20.70	52		1	145
			Dimethylphthalate-d6	40	22.02	55		10	145
			Acenaphthylene-d8	40	21.55	54		15	120
			4-Nitrophenol-d4	40	22.05	55		10	150
			Fluorene-d10	40	21.80	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.11	50		10	130
			Anthracene-d10	40	20.79	52		10	150
			Pyrene-d10	40	22.01	55		10	130
			Benzo(a)pyrene-d12	40	22.40	56		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM100224

Lab Code: CHEM

SAS No.: BM100224

SDG NO.: BM100224

Lab File ID: BM047776.D

DFTPP Injection Date: 10/02/2024

Instrument ID: BNA_M

DFTPP Injection Time: 14:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.1
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	35.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.5
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	24.3
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	82.1
443	15.0 - 24.0% of mass 442	15.9 (19.3) 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
SSTD020156	SSTDCCC020	BM047777.D	10/02/2024	15:19
SBLK608	PB163608BL	BM047778.D	10/02/2024	15:59
DDCB3DL2	P4018-07DL2	BM047779.D	10/02/2024	16:38
DDCE0DL2	P4018-13DL2	BM047780.D	10/02/2024	17:17
DDCB2DL	P4018-06DL	BM047781.D	10/02/2024	17:57
DDCA2DL	P4018-04DL	BM047782.D	10/02/2024	18:36
DDCA0DL	P4018-02DL	BM047783.D	10/02/2024	19:15
DDC26	P4020-01	BM047784.D	10/02/2024	19:55
DDCG0	P4020-06	BM047785.D	10/02/2024	20:34
DDCG0MS	P4020-07MS	BM047786.D	10/02/2024	21:13
DDCG0MSD	P4020-08MSD	BM047787.D	10/02/2024	21:53
DDCJ9	P4020-09	BM047788.D	10/02/2024	22:32
DDCK1	P4020-10	BM047789.D	10/02/2024	23:12
SLCS608	PB163608BS	BM047790.D	10/02/2024	23:51
SSTD020157	SSTDCCC020	BM047791.D	10/03/2024	01:09
SBLK608	PB163608BL	BM047792.D	10/03/2024	01:49
DDCK4	P4020-02	BM047793.D	10/03/2024	02:28
DDCD9	P4020-03	BM047794.D	10/03/2024	03:08

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM100224

Lab Code: CHEM

SAS No.: BM100224

SDG NO.: BM100224

Lab File ID: BM047776.D

DFTPP Injection Date: 10/02/2024

Instrument ID: BNA_M

DFTPP Injection Time: 14:40

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34.1
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	35.1
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	44.5
197	Less than 2.0% of mass 198	0.3
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	24.3
365	Greater than 1% of mass 198	3.5
441	Present, but less than mass 443	13
442	Greater than 50% of mass 198	82.1
443	15.0 - 24.0% of mass 442	15.9 (19.3) 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
DDCK6	P4020-04	BM047795.D	10/03/2024	03:47
DDCK8	P4020-12	BM047796.D	10/03/2024	04:27
DDCF9	P4020-05	BM047797.D	10/03/2024	05:06
DDCK9	P4020-13	BM047798.D	10/03/2024	05:45
DDCL0	P4020-14	BM047799.D	10/03/2024	06:25
DDCK2	P4020-11	BM047800.D	10/03/2024	07:04
DDCL3	P4020-15	BM047801.D	10/03/2024	07:44
SSTD020158	SSTDCCC020EC	BM047802.D	10/03/2024	08:23