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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM092824 SAS No.: BM092824 SDG No.: BM092824

Instrument ID: BNA_M Calibration Date/Time: 9/28/2024 12 12:04

Lab File ID: BM047687.D Init. Calib. Date(s):

EPA Sample No.: SSTD020147 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	0.687	0.010	1.6334	40.0
Benzaldehyde	1.028	1.264	0.010	22.9283	40.0
Pyridine	1.908	1.956	0.010	2.5061	40.0
Phenol	2.012	1.984	0.080	-1.4235	20.0
Bis(2-Chloroethyl)ether	1.603	1.615	0.100	0.7525	20.0
2-Chlorophenol	1.458	1.511	0.200	3.6887	20.0
2-Methylphenol	1.403	1.359	0.010	-3.1767	20.0
2,2-oxybis(1-Chloropropane)	3.018	3.048	0.010	0.964	40.0
Acetophenone	2.406	2.376	0.060	-1.2551	20.0
4-Methylphenol	1.577	1.550	0.010	-1.7181	20.0
N-Nitroso-di-n-propylamine	1.274	1.304	0.050	2.3213	30.0
Hexachloroethane	0.655	0.661	0.100	0.9408	20.0
Nitrobenzene	0.452	0.459	0.050	1.5707	25.0
Isophorone	0.809	0.820	0.050	1.291	25.0
2-Nitrophenol	0.175	0.178	0.050	2.1812	25.0
2,4-Dimethylphenol	0.374	0.382	0.050	2.0888	25.0
Bis(2-Chloroethoxy)methane	0.495	0.502	0.050	1.372	20.0
2,4-Dichlorophenol	0.315	0.314	0.060	-0.3538	20.0
Naphthalene	1.150	1.141	0.200	-0.8265	20.0
4-Chloroaniline	0.464	0.452	0.010	-2.6016	40.0
Hexachlorobutadiene	0.208	0.207	0.040	-0.3509	30.0
Caprolactam	0.101	0.095	0.010	-5.1628	40.0
4-Chloro-3-methylphenol	0.326	0.333	0.040	2.3472	25.0
1-Methylnaphthalene	0.744	0.739	0.100	-0.6261	20.0
2-Methylnaphthalene	0.731	0.733	0.100	0.2388	20.0
Hexachlorocyclopentadiene	0.394	0.378	0.010	-3.9963	40.0
2,4,6-Trichlorophenol	0.377	0.385	0.090	2.2648	25.0
2,4,5-Trichlorophenol	0.412	0.422	0.100	2.368	25.0
1,1-Biphenyl	1.601	1.599	0.200	-0.1483	20.0
2-Chloronaphthalene	1.238	1.225	0.300	-1.1184	20.0
2-Nitroaniline	0.393	0.402	0.050	2.2852	40.0
Dimethylphthalate	1.468	1.469	0.300	0.0314	20.0
2,6-Dinitrotoluene	0.258	0.262	0.080	1.7059	30.0
Acenaphthylene	1.939	1.951	0.400	0.6187	20.0
3-Nitroaniline	0.312	0.308	0.010	-1.1724	40.0
Acenaphthene	1.371	1.365	0.200	-0.4175	20.0
2,4-Dinitrophenol	0.159	0.128	0.010	-19.4003	40.0
4-Nitrophenol	0.242	0.237	0.010	-2.2966	40.0
Dibenzofuran	1.845	1.833	0.300	-0.6482	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM092824 SAS No.: BM092824 SDG No.: BM092824

Instrument ID: BNA_M Calibration Date/Time: 9/28/2024 12 12:04

Lab File ID: BM047687.D Init. Calib. Date(s):

EPA Sample No.: SSTD020147 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	0.394	0.070	1.7908	30.0
Diethylphthalate	1.469	1.479	0.300	0.6511	20.0
Fluorene	1.539	1.534	0.200	-0.3237	20.0
4-Chlorophenyl-phenylether	0.727	0.723	0.100	-0.5962	20.0
4-Nitroaniline	0.303	0.324	0.010	6.7641	40.0
4,6-Dinitro-2-methylphenol	0.130	0.121	0.010	-6.9777	40.0
N-Nitrosodiphenylamine	0.623	0.629	0.050	0.8556	20.0
1,2,4,5-Tetrachlorobenzene	0.651	0.638	0.100	-2.025	20.0
4-Bromophenyl-phenylether	0.206	0.205	0.070	-0.5147	20.0
Hexachlorobenzene	0.240	0.236	0.050	-1.4735	25.0
Atrazine	0.207	0.207	0.010	-0.2524	25.0
Pentachlorophenol	0.153	0.139	0.010	-8.8187	40.0
Phenanthrene	1.173	1.161	0.200	-1.0171	20.0
Pentachlorobenzene	0.323	0.313	0.050	-3.0459	20.0
Anthracene	1.196	1.205	0.200	0.741	20.0
1,2,3,4-Tetrachlorobenzene	0.331	0.329	0.050	-0.5474	20.0
Carbazole	1.084	1.063	0.050	-1.9736	40.0
Di-n-butylphthalate	1.207	1.234	0.500	2.2112	25.0
Fluoranthene	1.337	1.342	0.400	0.3515	25.0
Pyrene	1.488	1.484	0.400	-0.2941	25.0
Butylbenzylphthalate	0.526	0.537	0.100	2.1264	40.0
3,3-Dichlorobenzidine	0.423	0.413	0.010	-2.273	40.0
Benzo(a)anthracene	1.400	1.393	0.300	-0.5338	30.0
Chrysene	1.365	1.346	0.200	-1.4107	30.0
Bis(2-ethylhexyl)phthalate	0.790	0.806	0.200	2.0634	40.0
Di-n-octyl phthalate	1.290	1.210	0.010	-6.1958	40.0
Benzo(b)fluoranthene	1.247	1.253	0.200	0.4935	25.0
Benzo(k)fluoranthene	1.275	1.258	0.200	-1.3839	25.0
Benzo(a)pyrene	1.185	1.181	0.200	-0.3218	20.0
Indeno(1,2,3-cd)pyrene	1.518	1.486	0.200	-2.0812	25.0
Dibenzo(a,h)anthracene	1.244	1.210	0.200	-2.7297	30.0
Benzo(g,h,i)perylene	1.189	1.158	0.200	-2.6312	30.0
2,3,4,6-Tetrachlorophenol	0.325	0.336	0.040	3.3367	20.0
1,4-Dioxane-d8	0.619	0.639	0.010	3.2551	25.0
Pyridine-d5	1.812	1.835	0.010	1.2429	40.0
Phenol-d5	1.891	1.845	0.010	-2.4167	25.0
Bis-(2-Chloroethyl)ether-d8	1.342	1.345	0.050	0.1875	25.0
2-Chlorophenol-d4	1.376	1.425	0.200	3.5515	20.0
4-Methylphenol-d8	1.406	1.364	0.010	-2.9605	20.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM092824 SAS No.: BM092824 SDG No.: BM092824

Instrument ID: BNA_M Calibration Date/Time: 9/28/2024 12 12:04

Lab File ID: BM047687.D Init. Calib. Date(s):

EPA Sample No.: SSTD020147 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.160	0.050	0.5263	20.0
2-Nitrophenol-d4	0.153	0.153	0.050	0.5141	30.0
2,4-Dichlorophenol-d3	0.305	0.306	0.060	0.4857	20.0
4-Chloroaniline-d4	0.471	0.457	0.010	-2.9858	40.0
Dimethylphthalate-d6	1.450	1.457	0.300	0.4989	20.0
Acenaphthylene-d8	1.719	1.735	0.400	0.9272	20.0
4-Nitrophenol-d4	0.289	0.273	0.010	-5.3584	40.0
Fluorene-d10	1.256	1.242	0.100	-1.1109	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.104	0.010	-11.1078	40.0
Anthracene-d10	0.983	0.979	0.300	-0.4081	20.0
Pyrene-d10	1.135	1.122	0.300	-1.1856	25.0
Benzo(a)pyrene-d12	1.038	1.030	0.010	-0.724	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM092824 SAS No.: BM092824 SDG No.: BM092824

Instrument ID: BNA_M Calibration Date/Time: 9/28/2024 12 17:20

Lab File ID: BM047695.D Init. Calib. Date(s):

EPA Sample No.: SSTD020148 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	0.619	0.010	-8.4897	40.0
Benzaldehyde	1.028	1.177	0.010	14.3918	40.0
Pyridine	1.908	1.737	0.010	-8.9697	40.0
Phenol	2.012	1.848	0.080	-8.1864	20.0
Bis(2-Chloroethyl)ether	1.603	1.487	0.100	-7.2541	20.0
2-Chlorophenol	1.458	1.463	0.200	0.3691	20.0
2-Methylphenol	1.403	1.362	0.010	-2.9267	20.0
2,2-oxybis(1-Chloropropane)	3.018	2.575	0.010	-14.7046	40.0
Acetophenone	2.406	2.254	0.060	-6.295	20.0
4-Methylphenol	1.577	1.514	0.010	-3.9785	20.0
N-Nitroso-di-n-propylamine	1.274	1.230	0.050	-3.4397	30.0
Hexachloroethane	0.655	0.626	0.100	-4.5257	20.0
Nitrobenzene	0.452	0.426	0.050	-5.7385	25.0
Isophorone	0.809	0.813	0.050	0.4412	25.0
2-Nitrophenol	0.175	0.190	0.050	9.0434	25.0
2,4-Dimethylphenol	0.374	0.376	0.050	0.52	25.0
Bis(2-Chloroethoxy)methane	0.495	0.478	0.050	-3.504	20.0
2,4-Dichlorophenol	0.315	0.333	0.060	5.7025	20.0
Naphthalene	1.150	1.142	0.200	-0.712	20.0
4-Chloroaniline	0.464	0.459	0.010	-1.0997	40.0
Hexachlorobutadiene	0.208	0.211	0.040	1.6052	30.0
Caprolactam	0.101	0.111	0.010	9.7796	40.0
4-Chloro-3-methylphenol	0.326	0.354	0.040	8.662	25.0
1-Methylnaphthalene	0.744	0.765	0.100	2.8023	20.0
2-Methylnaphthalene	0.731	0.750	0.100	2.5541	20.0
Hexachlorocyclopentadiene	0.394	0.368	0.010	-6.613	40.0
2,4,6-Trichlorophenol	0.377	0.409	0.090	8.5454	25.0
2,4,5-Trichlorophenol	0.412	0.437	0.100	6.0201	25.0
1,1-Biphenyl	1.601	1.550	0.200	-3.2058	20.0
2-Chloronaphthalene	1.238	1.197	0.300	-3.384	20.0
2-Nitroaniline	0.393	0.375	0.050	-4.5164	40.0
Dimethylphthalate	1.468	1.451	0.300	-1.1612	20.0
2,6-Dinitrotoluene	0.258	0.275	0.080	6.7825	30.0
Acenaphthylene	1.939	1.903	0.400	-1.8682	20.0
3-Nitroaniline	0.312	0.320	0.010	2.5788	40.0
Acenaphthene	1.371	1.314	0.200	-4.0922	20.0
2,4-Dinitrophenol	0.159	0.116	0.010	-27.1872	40.0
4-Nitrophenol	0.242	0.226	0.010	-6.7766	40.0
Dibenzofuran	1.845	1.792	0.300	-2.8635	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM092824 SAS No.: BM092824 SDG No.: BM092824

Instrument ID: BNA_M Calibration Date/Time: 9/28/2024 1: 17:20

Lab File ID: BM047695.D Init. Calib. Date(s):

EPA Sample No.: SSTD020148 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	0.411	0.070	6.0174	30.0
Diethylphthalate	1.469	1.472	0.300	0.1926	20.0
Fluorene	1.539	1.454	0.200	-5.5522	20.0
4-Chlorophenyl-phenylether	0.727	0.710	0.100	-2.3326	20.0
4-Nitroaniline	0.303	0.336	0.010	10.6988	40.0
4,6-Dinitro-2-methylphenol	0.130	0.106	0.010	-18.2251	40.0
N-Nitrosodiphenylamine	0.623	0.615	0.050	-1.3184	20.0
1,2,4,5-Tetrachlorobenzene	0.651	0.623	0.100	-4.3514	20.0
4-Bromophenyl-phenylether	0.206	0.211	0.070	2.4617	20.0
Hexachlorobenzene	0.240	0.250	0.050	4.1391	25.0
Atrazine	0.207	0.215	0.010	3.6659	25.0
Pentachlorophenol	0.153	0.199	0.010	30.6785	40.0
Phenanthrene	1.173	1.121	0.200	-4.4355	20.0
Pentachlorobenzene	0.323	0.312	0.050	-3.5077	20.0
Anthracene	1.196	1.151	0.200	-3.8198	20.0
1,2,3,4-Tetrachlorobenzene	0.331	0.315	0.050	-5.0139	20.0
Carbazole	1.084	1.062	0.050	-2.0799	40.0
Di-n-butylphthalate	1.207	1.256	0.500	4.0468	25.0
Fluoranthene	1.337	1.382	0.400	3.3397	25.0
Pyrene	1.488	1.486	0.400	-0.1329	25.0
Butylbenzylphthalate	0.526	0.609	0.100	15.7998	40.0
3,3-Dichlorobenzidine	0.423	0.466	0.010	10.2945	40.0
Benzo(a)anthracene	1.400	1.417	0.300	1.1643	30.0
Chrysene	1.365	1.352	0.200	-0.9525	30.0
Bis(2-ethylhexyl)phthalate	0.790	0.883	0.200	11.8473	40.0
Di-n-octyl phthalate	1.290	1.310	0.010	1.5647	40.0
Benzo(b)fluoranthene	1.247	1.242	0.200	-0.3942	25.0
Benzo(k)fluoranthene	1.275	1.215	0.200	-4.7282	25.0
Benzo(a)pyrene	1.185	1.161	0.200	-1.9934	20.0
Indeno(1,2,3-cd)pyrene	1.518	1.503	0.200	-0.9899	25.0
Dibenzo(a,h)anthracene	1.244	1.229	0.200	-1.2409	30.0
Benzo(g,h,i)perylene	1.189	1.167	0.200	-1.9082	30.0
2,3,4,6-Tetrachlorophenol	0.325	0.363	0.040	11.9188	20.0
1,4-Dioxane-d8	0.619	0.567	0.010	-8.4058	25.0
Pyridine-d5	1.812	1.644	0.010	-9.2783	40.0
Phenol-d5	1.891	1.767	0.010	-6.5645	25.0
Bis-(2-Chloroethyl)ether-d8	1.342	1.165	0.050	-13.2188	25.0
2-Chlorophenol-d4	1.376	1.426	0.200	3.6133	20.0
4-Methylphenol-d8	1.406	1.366	0.010	-2.8341	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM092824 SAS No.: BM092824 SDG No.: BM092824

Instrument ID: BNA_M Calibration Date/Time: 9/28/2024 12 17:20

Lab File ID: BM047695.D Init. Calib. Date(s):

EPA Sample No.: SSTD020148 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.169	0.050	6.2463	20.0
2-Nitrophenol-d4	0.153	0.173	0.050	13.097	30.0
2,4-Dichlorophenol-d3	0.305	0.330	0.060	8.1321	20.0
4-Chloroaniline-d4	0.471	0.476	0.010	1.0082	40.0
Dimethylphthalate-d6	1.450	1.459	0.300	0.6328	20.0
Acenaphthylene-d8	1.719	1.706	0.400	-0.7714	20.0
4-Nitrophenol-d4	0.289	0.284	0.010	-1.6499	40.0
Fluorene-d10	1.256	1.254	0.100	-0.1446	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.092	0.010	-21.0505	40.0
Anthracene-d10	0.983	0.972	0.300	-1.1215	20.0
Pyrene-d10	1.135	1.183	0.300	4.2616	25.0
Benzo(a)pyrene-d12	1.038	1.073	0.010	3.4038	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM092824 SAS No.: BM092824 SDG No.: BM092824

Instrument ID: BNA_M Calibration Date/Time: 9/29/2024 12 03:16

Lab File ID: BM047709.D Init. Calib. Date(s):

EPA Sample No.: SSTD020149 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	0.666	0.010	-1.4135	50.0
Benzaldehyde	1.028	1.268	0.010	23.3304	50.0
Pyridine	1.908	1.934	0.010	1.3806	50.0
Phenol	2.012	2.015	0.080	0.1457	50.0
Bis(2-Chloroethyl)ether	1.603	1.633	0.100	1.873	50.0
2-Chlorophenol	1.458	1.548	0.200	6.2291	50.0
2-Methylphenol	1.403	1.421	0.010	1.2413	50.0
2,2-oxybis(1-Chloropropane)	3.018	3.006	0.010	-0.4172	50.0
Acetophenone	2.406	2.453	0.060	1.9561	50.0
4-Methylphenol	1.577	1.603	0.010	1.6704	50.0
N-Nitroso-di-n-propylamine	1.274	1.373	0.050	7.764	50.0
Hexachloroethane	0.655	0.674	0.100	2.8681	50.0
Nitrobenzene	0.452	0.453	0.050	0.1116	50.0
Isophorone	0.809	0.843	0.050	4.2333	50.0
2-Nitrophenol	0.175	0.181	0.050	3.5214	50.0
2,4-Dimethylphenol	0.374	0.389	0.050	3.9972	50.0
Bis(2-Chloroethoxy)methane	0.495	0.503	0.050	1.6482	50.0
2,4-Dichlorophenol	0.315	0.326	0.060	3.585	50.0
Naphthalene	1.150	1.143	0.200	-0.6435	50.0
4-Chloroaniline	0.464	0.472	0.010	1.6287	50.0
Hexachlorobutadiene	0.208	0.203	0.040	-2.3145	50.0
Caprolactam	0.101	0.105	0.010	4.7583	50.0
4-Chloro-3-methylphenol	0.326	0.349	0.040	6.9899	50.0
1-Methylnaphthalene	0.744	0.754	0.100	1.3783	50.0
2-Methylnaphthalene	0.731	0.746	0.100	2.1043	50.0
Hexachlorocyclopentadiene	0.394	0.359	0.010	-8.748	50.0
2,4,6-Trichlorophenol	0.377	0.388	0.090	2.9112	50.0
2,4,5-Trichlorophenol	0.412	0.423	0.100	2.5872	50.0
1,1-Biphenyl	1.601	1.571	0.200	-1.8925	50.0
2-Chloronaphthalene	1.238	1.222	0.300	-1.3507	50.0
2-Nitroaniline	0.393	0.405	0.050	2.9368	50.0
Dimethylphthalate	1.468	1.471	0.300	0.1547	50.0
2,6-Dinitrotoluene	0.258	0.268	0.080	3.8875	50.0
Acenaphthylene	1.939	1.944	0.400	0.2896	50.0
3-Nitroaniline	0.312	0.310	0.010	-0.7697	50.0
Acenaphthene	1.371	1.358	0.200	-0.895	50.0
2,4-Dinitrophenol	0.159	0.127	0.010	-20.4894	50.0
4-Nitrophenol	0.242	0.241	0.010	-0.3727	50.0
Dibenzofuran	1.845	1.844	0.300	-0.0559	50.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM092824 SAS No.: BM092824 SDG No.: BM092824

Instrument ID: BNA_M Calibration Date/Time: 9/29/2024 12 03:16

Lab File ID: BM047709.D Init. Calib. Date(s):

EPA Sample No.: SSTD020149 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	0.410	0.070	5.7655	50.0
Diethylphthalate	1.469	1.502	0.300	2.2119	50.0
Fluorene	1.539	1.533	0.200	-0.3833	50.0
4-Chlorophenyl-phenylether	0.727	0.720	0.100	-0.9642	50.0
4-Nitroaniline	0.303	0.335	0.010	10.648	50.0
4,6-Dinitro-2-methylphenol	0.130	0.117	0.010	-9.5783	50.0
N-Nitrosodiphenylamine	0.623	0.628	0.050	0.8312	50.0
1,2,4,5-Tetrachlorobenzene	0.651	0.629	0.100	-3.3438	50.0
4-Bromophenyl-phenylether	0.206	0.204	0.070	-0.8124	50.0
Hexachlorobenzene	0.240	0.235	0.050	-1.8708	50.0
Atrazine	0.207	0.205	0.010	-1.149	50.0
Pentachlorophenol	0.153	0.147	0.010	-3.883	50.0
Phenanthrene	1.173	1.163	0.200	-0.8498	50.0
Pentachlorobenzene	0.323	0.303	0.050	-6.335	50.0
Anthracene	1.196	1.194	0.200	-0.2092	50.0
1,2,3,4-Tetrachlorobenzene	0.331	0.316	0.050	-4.5825	50.0
Carbazole	1.084	1.080	0.050	-0.405	50.0
Di-n-butylphthalate	1.207	1.224	0.500	1.4121	50.0
Fluoranthene	1.337	1.334	0.400	-0.2283	50.0
Pyrene	1.488	1.493	0.400	0.3287	50.0
Butylbenzylphthalate	0.526	0.541	0.100	2.772	50.0
3,3-Dichlorobenzidine	0.423	0.402	0.010	-4.8514	50.0
Benzo(a)anthracene	1.400	1.399	0.300	-0.0839	50.0
Chrysene	1.365	1.368	0.200	0.1769	50.0
Bis(2-ethylhexyl)phthalate	0.790	0.810	0.200	2.5	50.0
Di-n-octyl phthalate	1.290	1.188	0.010	-7.9154	50.0
Benzo(b)fluoranthene	1.247	1.205	0.200	-3.3641	50.0
Benzo(k)fluoranthene	1.275	1.271	0.200	-0.3708	50.0
Benzo(a)pyrene	1.185	1.160	0.200	-2.0747	50.0
Indeno(1,2,3-cd)pyrene	1.518	1.468	0.200	-3.2612	50.0
Dibenzo(a,h)anthracene	1.244	1.197	0.200	-3.744	50.0
Benzo(g,h,i)perylene	1.189	1.136	0.200	-4.4984	50.0
2,3,4,6-Tetrachlorophenol	0.325	0.341	0.040	4.9104	50.0
1,4-Dioxane-d8	0.619	0.613	0.010	-0.8742	50.0
Pyridine-d5	1.812	1.851	0.010	2.134	50.0
Phenol-d5	1.891	1.877	0.010	-0.7278	50.0
Bis-(2-Chloroethyl)ether-d8	1.342	1.352	0.050	0.7289	50.0
2-Chlorophenol-d4	1.376	1.449	0.200	5.2817	50.0
4-Methylphenol-d8	1.406	1.446	0.010	2.8415	50.0

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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM092824 SAS No.: BM092824 SDG No.: BM092824

Instrument ID: BNA_M Calibration Date/Time: 9/29/2024 12 03:16

Lab File ID: BM047709.D Init. Calib. Date(s):

EPA Sample No.: SSTD020149 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.164	0.050	2.8383	50.0
2-Nitrophenol-d4	0.153	0.156	0.050	1.9051	50.0
2,4-Dichlorophenol-d3	0.305	0.318	0.060	4.2511	50.0
4-Chloroaniline-d4	0.471	0.472	0.010	0.1569	50.0
Dimethylphthalate-d6	1.450	1.452	0.300	0.144	50.0
Acenaphthylene-d8	1.719	1.736	0.400	0.9874	50.0
4-Nitrophenol-d4	0.289	0.285	0.010	-1.1218	50.0
Fluorene-d10	1.256	1.255	0.100	-0.0436	50.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.103	0.010	-12.059	50.0
Anthracene-d10	0.983	0.980	0.300	-0.3282	50.0
Pyrene-d10	1.135	1.134	0.300	-0.1387	50.0
Benzo(a)pyrene-d12	1.038	1.025	0.010	-1.1753	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SBLK765			SDG No.:	BM092824
Lab Sample ID:	PB163765BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	1.01	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047688.D	1	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

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

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SBLK765			SDG No.:	BM092824
Lab Sample ID:	PB163765BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	1.01	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047688.D	1	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

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

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SBLK765			SDG No.:	BM092824
Lab Sample ID:	PB163765BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	1.01	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047688.D	1	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400	U	1400	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	1100	U	1100	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	730	U	730	2500	9900	ug/Kg
56-55-3	Benzo(a)anthracene	1300	U	1300	1300	5000	ug/Kg
218-01-9	Chrysene	1400	U	1400	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500	U	1500	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	1100	U	1100	2500	9900	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300	U	1300	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600	U	1600	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	1500	U	1500	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200	U	1200	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	U	1300	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200	U	1200	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.743		15-120		72	SPK: -8
7291-22-7	Pyridine-d5	28.141		20-120		70	SPK: -40
4165-62-2	Phenol-d5	27.887		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	29.028		10-150		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.598		15-120		74	SPK: -40
190780-66-6	4-Methylphenol-d8	27.843		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	30.9		10-135		77	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.228		10-120		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.994		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.467		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.168		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	30.801		15-120		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.091		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	31.589		20-140		79	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/27/2024 12:00:00 AM
Project:				Date Received:	9/27/2024 12:00:00 AM
Client Sample ID:	SBLK765			SDG No.:	BM092824
Lab Sample ID:	PB163765BL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	0
Sample Wt/Vol:	1.01	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047688.D	1	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.848		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	31.417		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	35.494		10-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.325		10-140		78	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	193863	7.816				
1146-65-2	Naphthalene-d8	760972	10.61				
15067-26-2	Acenaphthene-d10	443105	14.445				
1517-22-2	Phenanthrene-d10	858061	17.186				
1719-03-5	Chrysene-d12	756789	21.409				
1520-96-3	Perylene-d12	881547	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1400	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC33ME			SDG No.:	BM092824
Lab Sample ID:	P3910-13ME			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	1.02	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047689.D	1	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	470	U	470	240	2400	ug/Kg
100-52-7	Benzaldehyde	2600	U	2600	3000	12000	ug/Kg
110-86-1	Pyridine	1600	U	1600	5900	12000	ug/Kg
108-95-2	Phenol	1200	U	1200	3000	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	3000	12000	ug/Kg
95-57-8	2-Chlorophenol	1100	U	1100	1500	6000	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	3000	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	920	U	920	3000	12000	ug/Kg
98-86-2	Acetophenone	1300	U	1300	3000	12000	ug/Kg
106-44-5	4-Methylphenol	1000	U	1000	3000	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	910	U	910	1500	6000	ug/Kg
67-72-1	Hexachloroethane	690	U	690	1500	6000	ug/Kg
98-95-3	Nitrobenzene	1100	U	1100	1500	6000	ug/Kg
78-59-1	Isophorone	1100	U	1100	1500	6000	ug/Kg
88-75-5	2-Nitrophenol	1300	U	1300	1500	6000	ug/Kg
105-67-9	2,4-Dimethylphenol	1000	U	1000	1500	6000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1500	6000	ug/Kg
120-83-2	2,4-Dichlorophenol	1600	U	1600	1500	6000	ug/Kg
91-20-3	Naphthalene	4000	J	1200	1500	6000	ug/Kg
106-47-8	4-Chloroaniline	1600	U	1600	1500	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1300	U	1300	1500	6000	ug/Kg
105-60-2	Caprolactam	3200	U	3200	3000	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	U	1100	1500	6000	ug/Kg
90-12-0	1-Methylnaphthalene	5000	J	1400	1500	6000	ug/Kg
91-57-6	2-Methylnaphthalene	8800		1400	1500	6000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2900	U	2900	3000	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1400	U	1400	1500	6000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700	U	1700	1500	6000	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC33ME			SDG No.:	BM092824
Lab Sample ID:	P3910-13ME			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	1.02	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047689.D	1	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

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	1700	U	1700	1500	6000	ug/Kg
88-74-4	2-Nitroaniline	810	U	810	1500	6000	ug/Kg
131-11-3	Dimethylphthalate	1600	U	1600	1500	6000	ug/Kg
606-20-2	2,6-Dinitrotoluene	890	U	890	1500	6000	ug/Kg
208-96-8	Acenaphthylene	1700	U	1700	1500	6000	ug/Kg
99-09-2	3-Nitroaniline	810	U	810	3000	12000	ug/Kg
83-32-9	Acenaphthene	1600	U	1600	1500	6000	ug/Kg
51-28-5	2,4-Dinitrophenol	3600	U	3600	3000	12000	ug/Kg
100-02-7	4-Nitrophenol	1600	U	1600	3000	12000	ug/Kg
132-64-9	Dibenzofuran	1700	U	1700	1500	6000	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100	U	1100	1500	6000	ug/Kg
84-66-2	Diethylphthalate	2200	U	2200	1500	6000	ug/Kg
86-73-7	Fluorene	1700	U	1700	1500	6000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1900	U	1900	1500	6000	ug/Kg
100-01-6	4-Nitroaniline	1300	U	1300	3000	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	570	U	570	3000	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600	U	1600	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	1100	U	1100	3000	12000	ug/Kg
87-86-5	Pentachlorophenol	770000	E	3000	3000	12000	ug/Kg
85-01-8	Phenanthrene	1700	U	1700	1500	6000	ug/Kg
608-93-5	Pentachlorobenzene	1900	U	1900	1500	6000	ug/Kg
120-12-7	Anthracene	1700	U	1700	1500	6000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1300	U	1300	1500	6000	ug/Kg
86-74-8	Carbazole	1800	U	1800	3000	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1700	U	1700	1500	6000	ug/Kg
206-44-0	Fluoranthene	1600	U	1600	3000	6000	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC33ME			SDG No.:	BM092824
Lab Sample ID:	P3910-13ME			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	1.02	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047689.D	1	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1700	U	1700	1500	6000	ug/Kg
85-68-7	Butylbenzylphthalate	1300	U	1300	1500	6000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	890	U	890	3000	12000	ug/Kg
56-55-3	Benzo(a)anthracene	1600	U	1600	1500	6000	ug/Kg
218-01-9	Chrysene	1700	U	1700	1500	6000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1800	U	1800	1500	6000	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	3000	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600	U	1600	1500	6000	ug/Kg
207-08-9	Benzo(k)fluoranthene	1900	U	1900	1500	6000	ug/Kg
50-32-8	Benzo(a)pyrene	1800	U	1800	1500	6000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	1500	6000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600	U	1600	1500	6000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600	U	1600	1500	6000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	60000		1400	1500	6000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.387		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	15.407		20-120		39	SPK: -40
4165-62-2	Phenol-d5	17.958		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.829		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.722		15-120		47	SPK: -40
190780-66-6	4-Methylphenol-d8	19.879		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	17.943		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.692		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.435		10-140		44	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.082		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.254		10-145		51	SPK: -40
93951-97-4	Acenaphthylene-d8	20.365		15-120		51	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.514		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	20.658		20-140		52	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC33ME			SDG No.:	BM092824
Lab Sample ID:	P3910-13ME			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	1.02	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047689.D	1	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.503		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	20.604		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	22.46		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.673		10-140		52	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	151889	7.816				
1146-65-2	Naphthalene-d8	663205	10.61				
15067-26-2	Acenaphthene-d10	381640	14.445				
1517-22-2	Phenanthrene-d10	750726	17.186				
1719-03-5	Chrysene-d12	685807	21.409				
1520-96-3	Perylene-d12	781894	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.840	27000	J			5.84	
	(DEL) Alkane: Straight-Chain6.316	6500	J			6.316	
	(DEL) Alkane: Straight-Chain6.387	7800	J			6.387	
013395-76-1	Cyclohexanone, 2,3-dimethyl-	8500	J			6.463	
	(DEL) Alkane: Straight-Chain6.728	5600	J			6.728	
	(DEL) Alkane: Straight-Chain6.816	11000	J			6.816	
	(DEL) Alkane: Straight-Chain6.875	13000	J			6.875	
000620-14-4	Benzene, 1-ethyl-3-methyl-	9200	J			6.91	
000108-67-8	Mesitylene	6600	J			7.045	
000611-14-3	Benzene, 1-ethyl-2-methyl-	7000	J			7.21	
019549-80-5	2-Heptanone, 4,6-dimethyl-	9500	J			7.245	
	(DEL) Alkane: Straight-Chain7.451	83000	J			7.451	
000104-76-7	1-Hexanol, 2-ethyl-	31000	J			7.886	
000526-73-8	Benzene, 1,2,3-trimethyl-	7400	J			7.934	
1000249-77-4	1,1-Hexylenedioxybutane	9800	J			8.039	
	(DEL) Alkane: Cyclic8.116	6500	J			8.116	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	16000	J			8.245	

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC33ME			SDG No.:	BM092824
Lab Sample ID:	P3910-13ME			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	1.02	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047689.D	1	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-01	7600	J			8.298	
	(DEL) Alkane: Straight-Chain8.357	16000	J			8.357	
	(DEL) Alkane: Straight-Chain8.416	8300	J			8.416	
000105-05-5	Benzene, 1,4-diethyl-	10000	J			8.463	
	(DEL) Alkane: Straight-Chain8.592	13000	J			8.592	
001074-55-1	Benzene, 1-methyl-4-propyl-	7400	J			8.622	
000527-84-4	o-Cymene	9400	J			8.822	
	(DEL) Alkane: Straight-Chain9.051	66000	J			9.051	
	unknown-02	15000	J			9.175	
	(DEL) Alkane: Straight-Chain9.904	2800	J			9.904	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	6700	J			10.992	
	(DEL) Alkane: Straight-Chain11.121	3100	J			11.121	
1000309-38-9	Oxalic acid, 2-ethylhexyl hexyl es	3300	J			11.645	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	4000	J			11.71	
054644-32-5	Oxirane, 2,3-bis(1-methylethyl)-,	3800	J			11.88	
	(DEL) Alkane: Straight-Chain12.039	6400	J			12.039	
	(DEL) Alkane: Cyclic12.074	2700	J			12.074	
	unknown-03	6400	J			12.686	
	(DEL) Alkane: Straight-Chain12.857	6100	J			12.857	
	(DEL) Alkane: Straight-Chain12.998	6100	J			12.998	
	(DEL) Alkane: Straight-Chain13.286	25000	J			13.286	
074367-31-0	Propanoic acid, 2-methyl-, 2-ethyl	6300	J			13.716	
000581-40-8	Naphthalene, 2,3-dimethyl-	5900	J			13.768	
019218-94-1	Tetradecane, 1-iodo-	11000	J			13.945	
	(DEL) Alkane: Straight-Chain14.357	55000	J			14.357	
	unknown-04	7900	J			14.527	
	(DEL) Alkane: Straight-Chain14.980	5800	J			14.98	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	13000	J			15.21	
	(DEL) Alkane: Straight-Chain15.304	26000	J			15.304	
	(DEL) Alkane: Straight-Chain15.710	8800	J			15.71	

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC33ME			SDG No.:	BM092824
Lab Sample ID:	P3910-13ME			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	1.02	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047689.D	1	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000119-61-9	Benzophenone	8100	J			15.804	
	(DEL) Alkane: Straight-Chain16.168	22000	J			16.168	
	(DEL) Alkane: Straight-Chain16.192	6300	J			16.192	
	(DEL) Alkane: Straight-Chain16.956	14000	J			16.956	
	(DEL) Alkane: Straight-Chain17.009	11000	J			17.009	
187328-55-8	9,9-Dimethyl-9-sila-9,10-dihydroph	5400	J			17.48	
	(DEL) Alkane: Straight-Chain17.692	13000	J			17.692	
005129-60-2	Pentadecanoic acid, 14-methyl-, me	6100	J			17.862	
	(DEL) Alkane: Straight-Chain18.380	9900	J			18.38	
	(DEL) Alkane: Straight-Chain19.015	9600	J			19.015	
	(DEL) Alkane: Straight-Chain20.121	6500	J			20.121	
1000309-38-8	Oxalic acid, 2-ethylhexyl isohexyl	12000	J			21.097	
	(DEL) Alkane: Straight-Chain22.180	6600	J			22.18	
E966796	Total Alkanes	510000				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC65ME			SDG No.:	BM092824
Lab Sample ID:	P3910-19ME			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	23
Sample Wt/Vol:	1.04	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047690.D	1	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	490	U	490	250	2500	ug/Kg
100-52-7	Benzaldehyde	2700	U	2700	3100	12000	ug/Kg
110-86-1	Pyridine	1600	U	1600	6200	12000	ug/Kg
108-95-2	Phenol	1200	U	1200	3100	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	3100	12000	ug/Kg
95-57-8	2-Chlorophenol	1100	U	1100	1600	6200	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	3100	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	960	U	960	3100	12000	ug/Kg
98-86-2	Acetophenone	1400	U	1400	3100	12000	ug/Kg
106-44-5	4-Methylphenol	1100	U	1100	3100	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	950	U	950	1600	6200	ug/Kg
67-72-1	Hexachloroethane	720	U	720	1600	6200	ug/Kg
98-95-3	Nitrobenzene	1200	U	1200	1600	6200	ug/Kg
78-59-1	Isophorone	1100	U	1100	1600	6200	ug/Kg
88-75-5	2-Nitrophenol	1400	U	1400	1600	6200	ug/Kg
105-67-9	2,4-Dimethylphenol	1100	U	1100	1600	6200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400	U	1400	1600	6200	ug/Kg
120-83-2	2,4-Dichlorophenol	1600	U	1600	1600	6200	ug/Kg
91-20-3	Naphthalene	12000		1200	1600	6200	ug/Kg
106-47-8	4-Chloroaniline	1600	U	1600	1600	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1400	U	1400	1600	6200	ug/Kg
105-60-2	Caprolactam	3400	U	3400	3100	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	U	1100	1600	6200	ug/Kg
90-12-0	1-Methylnaphthalene	16000		1500	1600	6200	ug/Kg
91-57-6	2-Methylnaphthalene	28000		1500	1600	6200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	U	3000	3100	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500	U	1500	1600	6200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1700	U	1700	1600	6200	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC65ME			SDG No.:	BM092824
Lab Sample ID:	P3910-19ME			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	23
Sample Wt/Vol:	1.04	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047690.D	1	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	2300	J	1700	1600	6200	ug/Kg
91-58-7	2-Chloronaphthalene	1700	U	1700	1600	6200	ug/Kg
88-74-4	2-Nitroaniline	850	U	850	1600	6200	ug/Kg
131-11-3	Dimethylphthalate	1600	U	1600	1600	6200	ug/Kg
606-20-2	2,6-Dinitrotoluene	920	U	920	1600	6200	ug/Kg
208-96-8	Acenaphthylene	1700	U	1700	1600	6200	ug/Kg
99-09-2	3-Nitroaniline	850	U	850	3100	12000	ug/Kg
83-32-9	Acenaphthene	1600	U	1600	1600	6200	ug/Kg
51-28-5	2,4-Dinitrophenol	3700	U	3700	3100	12000	ug/Kg
100-02-7	4-Nitrophenol	1600	U	1600	3100	12000	ug/Kg
132-64-9	Dibenzofuran	1700	U	1700	1600	6200	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100	U	1100	1600	6200	ug/Kg
84-66-2	Diethylphthalate	2200	U	2200	1600	6200	ug/Kg
86-73-7	Fluorene	1700	U	1700	1600	6200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2000	U	2000	1600	6200	ug/Kg
100-01-6	4-Nitroaniline	1400	U	1400	3100	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	600	U	600	3100	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600	U	1600	1600	6200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900	U	1900	1600	6200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600	U	1600	1600	6200	ug/Kg
118-74-1	Hexachlorobenzene	1900	U	1900	1600	6200	ug/Kg
1912-24-9	Atrazine	1200	U	1200	3100	12000	ug/Kg
87-86-5	Pentachlorophenol	2000000	E	3100	3100	12000	ug/Kg
85-01-8	Phenanthrene	4500	J	1700	1600	6200	ug/Kg
608-93-5	Pentachlorobenzene	2000	U	2000	1600	6200	ug/Kg
120-12-7	Anthracene	1700	U	1700	1600	6200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1400	U	1400	1600	6200	ug/Kg
86-74-8	Carbazole	1900	U	1900	3100	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1700	U	1700	1600	6200	ug/Kg
206-44-0	Fluoranthene	1600	U	1600	3100	6200	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC65ME			SDG No.:	BM092824
Lab Sample ID:	P3910-19ME			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	23
Sample Wt/Vol:	1.04	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047690.D	1	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1700	U	1700	1600	6200	ug/Kg
85-68-7	Butylbenzylphthalate	1400	U	1400	1600	6200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	920	U	920	3100	12000	ug/Kg
56-55-3	Benzo(a)anthracene	1600	U	1600	1600	6200	ug/Kg
218-01-9	Chrysene	1700	U	1700	1600	6200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1900	U	1900	1600	6200	ug/Kg
117-84-0	Di-n-octyl phthalate	1400	U	1400	3100	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600	U	1600	1600	6200	ug/Kg
207-08-9	Benzo(k)fluoranthene	2000	U	2000	1600	6200	ug/Kg
50-32-8	Benzo(a)pyrene	1900	U	1900	1600	6200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1500	U	1500	1600	6200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600	U	1600	1600	6200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600	U	1600	1600	6200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	240000	E	1500	1600	6200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.565		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	28.436		20-120		71	SPK: -40
4165-62-2	Phenol-d5	33.816		10-130		85	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.865		10-150		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.208		15-120		88	SPK: -40
190780-66-6	4-Methylphenol-d8	37.893		10-140		95	SPK: -40
4165-60-0	Nitrobenzene-d5	33.446		10-135		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.04		10-120		88	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.59		10-140		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.321		1-145		83	SPK: -40
85448-30-2	Dimethylphthalate-d6	35.186		10-145		88	SPK: -40
93951-97-4	Acenaphthylene-d8	35.805		15-120		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	31.012		10-150		78	SPK: -40
81103-79-9	Fluorene-d10	35.465		20-140		89	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC65ME			SDG No.:	BM092824
Lab Sample ID:	P3910-19ME			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	23
Sample Wt/Vol:	1.04	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047690.D	1	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.416		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	35.725		10-150		89	SPK: -40
1718-52-1	Pyrene-d10	38.235		10-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.094		10-140		93	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	176731	7.816				
1146-65-2	Naphthalene-d8	758232	10.61				
15067-26-2	Acenaphthene-d10	457304	14.451				
1517-22-2	Phenanthrene-d10	885820	17.192				
1719-03-5	Chrysene-d12	843558	21.409				
1520-96-3	Perylene-d12	979410	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.846	30000	J			5.846	
	(DEL) Alkane: Straight-Chain6.387	9300	J			6.387	
	(DEL) Alkane: Cyclic6.463	9800	J			6.463	
	(DEL) Alkane: Straight-Chain6.822	14000	J			6.822	
	(DEL) Alkane: Straight-Chain6.875	16000	J			6.875	
000611-14-3	Benzene, 1-ethyl-2-methyl-	14000	J			6.91	
000526-73-8	Benzene, 1,2,3-trimethyl-	9500	J			7.046	
000622-96-8	Benzene, 1-ethyl-4-methyl-	11000	J			7.21	
019549-80-5	2-Heptanone, 4,6-dimethyl-	24000	J			7.251	
	(DEL) Alkane: Straight-Chain7.457	110000	J			7.457	
	(DEL) Alkane: Straight-Chain7.745	9700	J			7.745	
000104-76-7	1-Hexanol, 2-ethyl-	42000	J			7.887	
000108-67-8	Mesitylene	10000	J			7.934	
1000309-31-2	Oxalic acid, cyclohexyl decyl este	31000	J			8.045	
	(DEL) Alkane: Cyclic8.116	9400	J			8.116	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	11000	J			8.251	
	unknown-01	15000	J			8.298	

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC65ME			SDG No.:	BM092824
Lab Sample ID:	P3910-19ME			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	23
Sample Wt/Vol:	1.04	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047690.D	1	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
001074-43-7	Benzene, 1-methyl-3-propyl-	24000	J			8.363	
	(DEL) Alkane: Straight-Chain8.416	13000	J			8.416	
000105-05-5	Benzene, 1,4-diethyl-	14000	J			8.463	
	(DEL) Alkane: Straight-Chain8.592	19000	J			8.592	
001074-55-1	Benzene, 1-methyl-4-propyl-	12000	J			8.628	
000527-84-4	o-Cymene	12000	J			8.822	
	(DEL) Alkane: Straight-Chain9.057	93000	J			9.057	
000149-57-5	Hexanoic acid, 2-ethyl-	38000	J			9.181	
	(DEL) Alkane: Straight-Chain9.616	2800	J			9.616	
	(DEL) Alkane: Cyclic9.763	3300	J			9.763	
	(DEL) Alkane: Straight-Chain9.904	4700	J			9.904	
	(DEL) Alkane: Straight-Chain10.051	2900	J			10.051	
	unknown-02	9800	J			10.998	
	(DEL) Alkane: Straight-Chain12.045	9300	J			12.045	
	unknown-03	28000	J			12.692	
	(DEL) Alkane: Straight-Chain13.004	24000	J			13.004	
000109-21-7	Butanoic acid, butyl ester	19000	J			13.204	
000097-85-8	Propanoic acid, 2-methyl-, 2-methy	30000	J			13.416	
	unknown-04	25000	J			13.504	
	unknown-05	19000	J			13.633	
	unknown-06	37000	J			13.722	
000581-40-8	Naphthalene, 2,3-dimethyl-	25000	J			13.769	
	(DEL) Alkane: Straight-Chain13.945	39000	J			13.945	
	unknown-07	25000	J			14.086	
1010309-19-2	Sulfurous acid, 2-ethylhexyl nonyl	170000	J			14.363	
	unknown-08	24000	J			14.533	
	(DEL) Alkane: Straight-Chain14.986	24000	J			14.986	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	70000	J			15.21	
	(DEL) Alkane: Straight-Chain15.310	84000	J			15.31	
	(DEL) Alkane: Straight-Chain15.716	37000	J			15.716	

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC65ME			SDG No.:	BM092824
Lab Sample ID:	P3910-19ME			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	23
Sample Wt/Vol:	1.04	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047690.D	1	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-09	20000	J			15.804	
	unknown-10	21000	J			16.08	
	(DEL) Alkane: Straight-Chain16.169	61000	J			16.169	
	(DEL) Alkane: Straight-Chain16.957	39000	J			16.957	
	(DEL) Alkane: Straight-Chain17.010	29000	J			17.01	
187328-55-8	9,9-Dimethyl-9-sila-9,10-dihydroph	17000	J			17.48	
	(DEL) Alkane: Straight-Chain17.692	38000	J			17.692	
000112-39-0	Hexadecanoic acid, methyl ester	19000	J			17.863	
	(DEL) Alkane: Straight-Chain18.380	28000	J			18.38	
	(DEL) Alkane: Straight-Chain19.015	27000	J			19.015	
	(DEL) Alkane: Straight-Chain20.121	20000	J			20.121	
	(DEL) Alkane: Straight-Chain21.098	37000	J			21.098	
	(DEL) Alkane: Straight-Chain22.180	21000	J			22.18	
E966796	Total Alkanes	860000				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC33MEDL			SDG No.:	BM092824
Lab Sample ID:	P3910-13MEDL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	1.02	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047691.D	10	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	4700	U	4700	2400	24000	ug/Kg
100-52-7	Benzaldehyde	26000	U	26000	29600	120000	ug/Kg
110-86-1	Pyridine	16000	U	16000	59300	120000	ug/Kg
108-95-2	Phenol	12000	U	12000	29600	120000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	11000	U	11000	29600	120000	ug/Kg
95-57-8	2-Chlorophenol	11000	U	11000	15300	60000	ug/Kg
95-48-7	2-Methylphenol	11000	U	11000	29600	120000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	9200	U	9200	29600	120000	ug/Kg
98-86-2	Acetophenone	13000	U	13000	29600	120000	ug/Kg
106-44-5	4-Methylphenol	10000	U	10000	29600	120000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	9100	U	9100	15300	60000	ug/Kg
67-72-1	Hexachloroethane	6900	U	6900	15300	60000	ug/Kg
98-95-3	Nitrobenzene	11000	U	11000	15300	60000	ug/Kg
78-59-1	Isophorone	11000	U	11000	15300	60000	ug/Kg
88-75-5	2-Nitrophenol	13000	U	13000	15300	60000	ug/Kg
105-67-9	2,4-Dimethylphenol	10000	U	10000	15300	60000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	13000	U	13000	15300	60000	ug/Kg
120-83-2	2,4-Dichlorophenol	16000	U	16000	15300	60000	ug/Kg
91-20-3	Naphthalene	12000	U	12000	15300	60000	ug/Kg
106-47-8	4-Chloroaniline	16000	U	16000	15300	120000	ug/Kg
87-68-3	Hexachlorobutadiene	13000	U	13000	15300	60000	ug/Kg
105-60-2	Caprolactam	32000	U	32000	29600	120000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	11000	U	11000	15300	60000	ug/Kg
90-12-0	1-Methylnaphthalene	14000	U	14000	15300	60000	ug/Kg
91-57-6	2-Methylnaphthalene	14000	U	14000	15300	60000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	29000	U	29000	29600	120000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	14000	U	14000	15300	60000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	17000	U	17000	15300	60000	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC33MEDL			SDG No.:	BM092824
Lab Sample ID:	P3910-13MEDL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	1.02	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047691.D	10	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	17000	U	17000	15300	60000	ug/Kg
91-58-7	2-Chloronaphthalene	17000	U	17000	15300	60000	ug/Kg
88-74-4	2-Nitroaniline	8100	U	8100	15300	60000	ug/Kg
131-11-3	Dimethylphthalate	16000	U	16000	15300	60000	ug/Kg
606-20-2	2,6-Dinitrotoluene	8900	U	8900	15300	60000	ug/Kg
208-96-8	Acenaphthylene	17000	U	17000	15300	60000	ug/Kg
99-09-2	3-Nitroaniline	8100	U	8100	29600	120000	ug/Kg
83-32-9	Acenaphthene	16000	U	16000	15300	60000	ug/Kg
51-28-5	2,4-Dinitrophenol	36000	U	36000	29600	120000	ug/Kg
100-02-7	4-Nitrophenol	16000	U	16000	29600	120000	ug/Kg
132-64-9	Dibenzofuran	17000	U	17000	15300	60000	ug/Kg
121-14-2	2,4-Dinitrotoluene	11000	U	11000	15300	60000	ug/Kg
84-66-2	Diethylphthalate	22000	U	22000	15300	60000	ug/Kg
86-73-7	Fluorene	17000	U	17000	15300	60000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	19000	U	19000	15300	60000	ug/Kg
100-01-6	4-Nitroaniline	13000	U	13000	29600	120000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5700	U	5700	29600	120000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	16000	U	16000	15300	60000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	18000	U	18000	15300	60000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	16000	U	16000	15300	60000	ug/Kg
118-74-1	Hexachlorobenzene	18000	U	18000	15300	60000	ug/Kg
1912-24-9	Atrazine	11000	U	11000	29600	120000	ug/Kg
87-86-5	Pentachlorophenol	690000	D	30000	29600	120000	ug/Kg
85-01-8	Phenanthrene	17000	U	17000	15300	60000	ug/Kg
608-93-5	Pentachlorobenzene	19000	U	19000	15300	60000	ug/Kg
120-12-7	Anthracene	17000	U	17000	15300	60000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	13000	U	13000	15300	60000	ug/Kg
86-74-8	Carbazole	18000	U	18000	29600	120000	ug/Kg
84-74-2	Di-n-butylphthalate	17000	U	17000	15300	60000	ug/Kg
206-44-0	Fluoranthene	16000	U	16000	29600	60000	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC33MEDL			SDG No.:	BM092824
Lab Sample ID:	P3910-13MEDL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	1.02	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047691.D	10	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	17000	U	17000	15300	60000	ug/Kg
85-68-7	Butylbenzylphthalate	13000	U	13000	15300	60000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	8900	U	8900	29600	120000	ug/Kg
56-55-3	Benzo(a)anthracene	16000	U	16000	15300	60000	ug/Kg
218-01-9	Chrysene	17000	U	17000	15300	60000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	18000	U	18000	15300	60000	ug/Kg
117-84-0	Di-n-octyl phthalate	13000	U	13000	29600	120000	ug/Kg
205-99-2	Benzo(b)fluoranthene	16000	U	16000	15300	60000	ug/Kg
207-08-9	Benzo(k)fluoranthene	19000	U	19000	15300	60000	ug/Kg
50-32-8	Benzo(a)pyrene	18000	U	18000	15300	60000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	14000	U	14000	15300	60000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	16000	U	16000	15300	60000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	16000	U	16000	15300	60000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54000	JD	14000	15300	60000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.62		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	14.95		20-120		37	SPK: -40
4165-62-2	Phenol-d5	15.46		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.17		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.22		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	16.11		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	16.42		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.39		10-120		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.06		10-140		40	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.12		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.18		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	18.24		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	20.24		20-140		51	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC33MEDL			SDG No.:	BM092824
Lab Sample ID:	P3910-13MEDL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.1
Sample Wt/Vol:	1.02	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047691.D	10	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2		U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	19.55		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	21.35		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.98		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	216777	7.816				
1146-65-2	Naphthalene-d8	875937	10.61				
15067-26-2	Acenaphthene-d10	539425	14.445				
1517-22-2	Phenanthrene-d10	1092901	17.186				
1719-03-5	Chrysene-d12	977338	21.409				
1520-96-3	Perylene-d12	1134232	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.840	52000	JD			5.84	
	(DEL) Alkane: Straight-Chain7.451	150000	JD			7.451	
000104-76-7	1-Hexanol, 2-ethyl-	52000	JD			7.881	
1000309-31-2	Oxalic acid, cyclohexyl decyl este	24000	JD			8.039	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	29000	JD			8.245	
	(DEL) Alkane: Straight-Chain8.357	28000	JD			8.357	
	(DEL) Alkane: Straight-Chain9.051	130000	JD			9.051	
	unknown-01	27000	JD			9.175	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	26000	JD			10.992	
	(DEL) Alkane: Straight-Chain12.039	26000	JD			12.039	
	(DEL) Alkane: Straight-Chain12.286	29000	JD			12.286	
	(DEL) Alkane: Straight-Chain13.286	25000	JD			13.286	
	(DEL) Alkane: Straight-Chain14.357	54000	JD			14.357	
	(DEL) Alkane: Straight-Chain15.304	25000	JD			15.304	
E966796	Total Alkanes	520000	D			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC65MEDL			SDG No.:	BM092824
Lab Sample ID:	P3910-19MEDL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	23
Sample Wt/Vol:	1.04	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047692.D	20	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	9700	U	9700	4900	50000	ug/Kg
100-52-7	Benzaldehyde	55000	U	55000	61800	250000	ug/Kg
110-86-1	Pyridine	32000	U	32000	123600	250000	ug/Kg
108-95-2	Phenol	25000	U	25000	61800	250000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	23000	U	23000	61800	250000	ug/Kg
95-57-8	2-Chlorophenol	22000	U	22000	31800	120000	ug/Kg
95-48-7	2-Methylphenol	24000	U	24000	61800	250000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	19000	U	19000	61800	250000	ug/Kg
98-86-2	Acetophenone	27000	U	27000	61800	250000	ug/Kg
106-44-5	4-Methylphenol	22000	U	22000	61800	250000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	19000	U	19000	31800	120000	ug/Kg
67-72-1	Hexachloroethane	14000	U	14000	31800	120000	ug/Kg
98-95-3	Nitrobenzene	24000	U	24000	31800	120000	ug/Kg
78-59-1	Isophorone	23000	U	23000	31800	120000	ug/Kg
88-75-5	2-Nitrophenol	27000	U	27000	31800	120000	ug/Kg
105-67-9	2,4-Dimethylphenol	21000	U	21000	31800	120000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	27000	U	27000	31800	120000	ug/Kg
120-83-2	2,4-Dichlorophenol	32000	U	32000	31800	120000	ug/Kg
91-20-3	Naphthalene	24000	U	24000	31800	120000	ug/Kg
106-47-8	4-Chloroaniline	32000	U	32000	31800	250000	ug/Kg
87-68-3	Hexachlorobutadiene	27000	U	27000	31800	120000	ug/Kg
105-60-2	Caprolactam	67000	U	67000	61800	250000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	22000	U	22000	31800	120000	ug/Kg
90-12-0	1-Methylnaphthalene	30000	U	30000	31800	120000	ug/Kg
91-57-6	2-Methylnaphthalene	30000	U	30000	31800	120000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	60000	U	60000	61800	250000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	30000	U	30000	31800	120000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	35000	U	35000	31800	120000	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC65MEDL			SDG No.:	BM092824
Lab Sample ID:	P3910-19MEDL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	23
Sample Wt/Vol:	1.04	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047692.D	20	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35000	U	35000	31800	120000	ug/Kg
91-58-7	2-Chloronaphthalene	35000	U	35000	31800	120000	ug/Kg
88-74-4	2-Nitroaniline	17000	U	17000	31800	120000	ug/Kg
131-11-3	Dimethylphthalate	32000	U	32000	31800	120000	ug/Kg
606-20-2	2,6-Dinitrotoluene	18000	U	18000	31800	120000	ug/Kg
208-96-8	Acenaphthylene	35000	U	35000	31800	120000	ug/Kg
99-09-2	3-Nitroaniline	17000	U	17000	61800	250000	ug/Kg
83-32-9	Acenaphthene	32000	U	32000	31800	120000	ug/Kg
51-28-5	2,4-Dinitrophenol	75000	U	75000	61800	250000	ug/Kg
100-02-7	4-Nitrophenol	32000	U	32000	61800	250000	ug/Kg
132-64-9	Dibenzofuran	35000	U	35000	31800	120000	ug/Kg
121-14-2	2,4-Dinitrotoluene	22000	U	22000	31800	120000	ug/Kg
84-66-2	Diethylphthalate	45000	U	45000	31800	120000	ug/Kg
86-73-7	Fluorene	35000	U	35000	31800	120000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	40000	U	40000	31800	120000	ug/Kg
100-01-6	4-Nitroaniline	27000	U	27000	61800	250000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	12000	U	12000	61800	250000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	32000	U	32000	31800	120000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	37000	U	37000	31800	120000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	32000	U	32000	31800	120000	ug/Kg
118-74-1	Hexachlorobenzene	37000	U	37000	31800	120000	ug/Kg
1912-24-9	Atrazine	23000	U	23000	61800	250000	ug/Kg
87-86-5	Pentachlorophenol	2400000	D	62000	61800	250000	ug/Kg
85-01-8	Phenanthrene	35000	U	35000	31800	120000	ug/Kg
608-93-5	Pentachlorobenzene	40000	U	40000	31800	120000	ug/Kg
120-12-7	Anthracene	35000	U	35000	31800	120000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	27000	U	27000	31800	120000	ug/Kg
86-74-8	Carbazole	37000	U	37000	61800	250000	ug/Kg
84-74-2	Di-n-butylphthalate	35000	U	35000	31800	120000	ug/Kg
206-44-0	Fluoranthene	32000	U	32000	61800	120000	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC65MEDL			SDG No.:	BM092824
Lab Sample ID:	P3910-19MEDL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	23
Sample Wt/Vol:	1.04	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047692.D	20	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	35000	U	35000	31800	120000	ug/Kg
85-68-7	Butylbenzylphthalate	27000	U	27000	31800	120000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	18000	U	18000	61800	250000	ug/Kg
56-55-3	Benzo(a)anthracene	32000	U	32000	31800	120000	ug/Kg
218-01-9	Chrysene	35000	U	35000	31800	120000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	37000	U	37000	31800	120000	ug/Kg
117-84-0	Di-n-octyl phthalate	27000	U	27000	61800	250000	ug/Kg
205-99-2	Benzo(b)fluoranthene	32000	U	32000	31800	120000	ug/Kg
207-08-9	Benzo(k)fluoranthene	40000	U	40000	31800	120000	ug/Kg
50-32-8	Benzo(a)pyrene	37000	U	37000	31800	120000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30000	U	30000	31800	120000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	32000	U	32000	31800	120000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32000	U	32000	31800	120000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	180000	D	30000	31800	120000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.7		15-120		84	SPK: -8
7291-22-7	Pyridine-d5	21.4		20-120		53	SPK: -40
4165-62-2	Phenol-d5	24.74		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.92		10-150		70	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.5		15-120		66	SPK: -40
190780-66-6	4-Methylphenol-d8	27.9		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	24.8		10-135		62	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.82		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.22		10-140		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.4		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.28		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	28.92		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4		U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	30.7		20-140		77	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC65MEDL			SDG No.:	BM092824
Lab Sample ID:	P3910-19MEDL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	23
Sample Wt/Vol:	1.04	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047692.D	20	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.78		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	29.1		10-150		73	SPK: -40
1718-52-1	Pyrene-d10	32.02		10-130		80	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.36		10-140		68	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	175311	7.816				
1146-65-2	Naphthalene-d8	707956	10.61				
15067-26-2	Acenaphthene-d10	420787	14.445				
1517-22-2	Phenanthrene-d10	843655	17.186				
1719-03-5	Chrysene-d12	737851	21.409				
1520-96-3	Perylene-d12	830970	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.840	110000	JD			5.84	
	(DEL) Alkane: Straight-Chain6.816	54000	JD			6.816	
	(DEL) Alkane: Straight-Chain6.875	59000	JD			6.875	
019549-80-5	2-Heptanone, 4,6-dimethyl-	79000	JD			7.245	
	(DEL) Alkane: Straight-Chain7.451	410000	JD			7.451	
000104-76-7	1-Hexanol, 2-ethyl-	110000	JD			7.881	
1000249-77-4	1,1-Hexylenedioxybutane	110000	JD			8.04	
	(DEL) Alkane: Straight-Chain8.357	69000	JD			8.357	
	(DEL) Alkane: Straight-Chain8.592	73000	JD			8.592	
	(DEL) Alkane: Straight-Chain9.051	350000	JD			9.051	
	unknown-01	70000	JD			9.175	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	70000	JD			10.992	
	(DEL) Alkane: Straight-Chain12.039	60000	JD			12.039	
025415-84-3	n-Butyric acid 2-ethylhexyl ester	78000	JD			12.286	
	(DEL) Alkane: Straight-Chain13.286	82000	JD			13.286	
	(DEL) Alkane: Straight-Chain14.357	180000	JD			14.357	
004948-51-0	9-Methyl-S-octahydroanthracene	52000	JD			14.592	

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC65MEDL			SDG No.:	BM092824
Lab Sample ID:	P3910-19MEDL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	23
Sample Wt/Vol:	1.04	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:	100		uL	Test:	
Extraction Type :			Decanted :	Level :	MED
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047692.D	20	9/27/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163765

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
065539-79-9	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d	67000	JD			15.21	
	(DEL) Alkane: Straight-Chain15.304	85000	JD			15.304	
	(DEL) Alkane: Straight-Chain16.163	60000	JD			16.163	
	(DEL) Alkane: Straight-Chain16.957	53000	JD			16.957	
E966796	Total Alkanes	1600000	D			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC92			SDG No.:	BM092824
Lab Sample ID:	P3927-07			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
BM047693.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

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	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	52.5	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	40	U	40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	52.5	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	52.5	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	52.5	210	ug/Kg
78-59-1	Isophorone	42	U	42	52.5	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	52.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	52.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	52.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	52.5	210	ug/Kg
91-20-3	Naphthalene	200	J	42	52.5	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	52.5	410	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	52.5	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	52.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	140	J	51	52.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	210		46	52.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	98	U	98	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	52.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	52.5	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC92			SDG No.:	BM092824
Lab Sample ID:	P3927-07			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
BM047693.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	52.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	52.5	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.5	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	52.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52.5	210	ug/Kg
208-96-8	Acenaphthylene	53	U	53	52.5	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	51	U	51	52.5	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	52.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	52.5	210	ug/Kg
84-66-2	Diethylphthalate	74	U	74	52.5	210	ug/Kg
86-73-7	Fluorene	56	U	56	52.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	52.5	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	52.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	52.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	52.5	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.5	210	ug/Kg
1912-24-9	Atrazine	48	U	48	100	410	ug/Kg
87-86-5	Pentachlorophenol	100000	E	110	100	410	ug/Kg
85-01-8	Phenanthrene	96	J	54	52.5	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	52.5	210	ug/Kg
120-12-7	Anthracene	53	U	53	52.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	52.5	210	ug/Kg
86-74-8	Carbazole	56	U	56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	52.5	210	ug/Kg
206-44-0	Fluoranthene	54	U	54	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC92			SDG No.:	BM092824
Lab Sample ID:	P3927-07			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
BM047693.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	52.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	52.5	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	52.5	210	ug/Kg
218-01-9	Chrysene	56	U	56	52.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	52.5	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	52.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	52.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	52.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	52.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	52.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	52.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	20000	E	46	52.5	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.054		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	9.516		20-120		24	SPK: -40
4165-62-2	Phenol-d5	17.489		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.13		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.842		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	18.01		10-140		45	SPK: -40
4165-60-0	Nitrobenzene-d5	16.384		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.825		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.89		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.285		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.063		10-145		48	SPK: -40
93951-97-4	Acenaphthylene-d8	19.094		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	14.257		10-150		36	SPK: -40
81103-79-9	Fluorene-d10	19.399		20-140		48	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC92			SDG No.:	BM092824
Lab Sample ID:	P3927-07			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
BM047693.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.031		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	18.366		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	20.903		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.928		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	167540	7.816				
1146-65-2	Naphthalene-d8	752670	10.61				
15067-26-2	Acenaphthene-d10	443851	14.445				
1517-22-2	Phenanthrene-d10	860005	17.192				
1719-03-5	Chrysene-d12	837212	21.409				
1520-96-3	Perylene-d12	968350	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
000103-65-1	Benzene, propyl-	330	J			6.81	
000611-14-3	Benzene, 1-ethyl-2-methyl-	400	J			6.91	
000108-67-8	Mesitylene	330	J			7.046	
000526-73-8	Benzene, 1,2,3-trimethyl-	320	J			7.21	
000095-63-6	Benzene, 1,2,4-trimethyl-	1100	J			7.463	
000104-76-7	1-Hexanol, 2-ethyl-	560	J			7.881	
	unknown-01	380	J			7.934	
	unknown-02	370	J			8.293	
001074-43-7	Benzene, 1-methyl-3-propyl-	490	J			8.357	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	300	J			8.457	
	(DEL) Alkane: Straight-Chain8.592	360	J			8.592	
000099-87-6	p-Cymene	410	J			8.816	
	(DEL) Alkane: Straight-Chain9.051	980	J			9.051	
	unknown-03	380	J			9.169	
	unknown-04	350	J			11.122	
	(DEL) Alkane: Straight-Chain12.039	100	J			12.039	
	(DEL) Alkane: Cyclic12.698	370	J			12.698	

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC92			SDG No.:	BM092824
Lab Sample ID:	P3927-07			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
BM047693.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-05	240	J			12.798	
	(DEL) Alkane: Straight-Chain13.286	710	J			13.286	
	unknown-06	660	J			13.504	
000575-43-9	Naphthalene, 1,6-dimethyl-	590	J			13.633	
000581-40-8	Naphthalene, 2,3-dimethyl-	230	J			13.769	
1000406-38-6	Hexadecyl octyl ether	260	J			13.945	
025103-09-7	Isooctyl mercaptoacetate	4700	J			14.363	
	unknown-07	280	J			14.533	
	unknown-08	200	J			14.71	
	(DEL) Alkane: Straight-Chain14.769	260	J			14.769	
	unknown-09	170	J			14.851	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	210	J			14.922	
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	890	J			14.986	
	unknown-10	460	J			15.18	
	(DEL) Alkane: Straight-Chain15.310	1400	J			15.31	
	(DEL) Alkane: Straight-Chain15.716	730	J			15.716	
000119-61-9	Benzophenone	580	J			15.804	
	(DEL) Alkane: Straight-Chain15.863	110	J			15.863	
	(DEL) Alkane: Straight-Chain16.169	640	J			16.169	
	unknown-11	190	J			16.274	
	(DEL) Alkane: Straight-Chain16.957	660	J			16.957	
	(DEL) Alkane: Straight-Chain17.010	380	J			17.01	
	(DEL) Alkane: Straight-Chain17.692	500	J			17.692	
000057-10-3	n-Hexadecanoic acid	280	J			18.086	
	(DEL) Alkane: Straight-Chain18.380	440	J			18.38	
	(DEL) Alkane: Straight-Chain18.845	93	J			18.845	
	(DEL) Alkane: Straight-Chain19.015	400	J			19.015	
	(DEL) Alkane: Straight-Chain20.121	710	J			20.121	
	(DEL) Alkane: Straight-Chain20.615	370	J			20.615	
1000309-39-7	Oxalic acid, 2-ethylhexyl tetradec	800	J			21.098	

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC92			SDG No.:	BM092824
Lab Sample ID:	P3927-07			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
BM047693.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain21.609	320	J			21.609	
	unknown-12	830	J			22.18	
	(DEL) Alkane: Straight-Chain22.833	250	J			22.833	
	(DEL) Alkane: Straight-Chain23.586	100	J			23.586	
E966796	Total Alkanes	9900				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC93			SDG No.:	BM092824
Lab Sample ID:	P3927-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047694.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

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
110-86-1	Pyridine	50	U	50	190	380	ug/Kg
100-52-7	Benzaldehyde	87	U	87	96.2	380	ug/Kg
108-95-2	Phenol	41	U	41	96.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	96.2	380	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.5	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	96.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	96.2	380	ug/Kg
98-86-2	Acetophenone	44	U	44	96.2	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	96.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	49.5	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49.5	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49.5	200	ug/Kg
78-59-1	Isophorone	40	U	40	49.5	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	49.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	49.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	110	J	45	49.5	200	ug/Kg
91-20-3	Naphthalene	1500		40	49.5	200	ug/Kg
106-47-8	4-Chloroaniline	50	U	50	49.5	380	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	49.5	200	ug/Kg
105-60-2	Caprolactam	140	U	140	96.2	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	49.5	200	ug/Kg
90-12-0	1-Methylnaphthalene	2100		48	49.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	3800	E	43	49.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	92	U	92	96.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	120	J	50	49.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	68	J	49	49.5	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC93			SDG No.:	BM092824
Lab Sample ID:	P3927-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047694.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	200		56	49.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49.5	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.5	200	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	49.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	49.5	200	ug/Kg
208-96-8	Acenaphthylene	50	U	50	49.5	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	96.2	380	ug/Kg
83-32-9	Acenaphthene	150	J	48	49.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	96.2	380	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	96.2	380	ug/Kg
132-64-9	Dibenzofuran	54	U	54	49.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	49.5	200	ug/Kg
84-66-2	Diethylphthalate	70	U	70	49.5	200	ug/Kg
86-73-7	Fluorene	180	J	52	49.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49.5	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	96.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	96.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	49.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	49.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	49.5	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.5	200	ug/Kg
1912-24-9	Atrazine	45	U	45	96.2	380	ug/Kg
87-86-5	Pentachlorophenol	140000	E	100	96.2	380	ug/Kg
85-01-8	Phenanthrene	480		51	49.5	200	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	49.5	200	ug/Kg
120-12-7	Anthracene	50	U	50	49.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	49.5	200	ug/Kg
86-74-8	Carbazole	52	U	52	96.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	49.5	200	ug/Kg
206-44-0	Fluoranthene	51	U	51	96.2	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC93			SDG No.:	BM092824
Lab Sample ID:	P3927-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047694.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	J	51	49.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	49.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	96.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	49.5	200	ug/Kg
218-01-9	Chrysene	52	U	52	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62	J	51	49.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	96.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	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	19000	E	43	49.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.84		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	12.603		20-120		32	SPK: -40
4165-62-2	Phenol-d5	15.925		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.035		10-150		45	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.793		15-120		42	SPK: -40
190780-66-6	4-Methylphenol-d8	28.046		10-140		70	SPK: -40
4165-60-0	Nitrobenzene-d5	14.943		10-135		37	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.782		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.129		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.38		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.653		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	17.004		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.874		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	17.126		20-140		43	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC93			SDG No.:	BM092824
Lab Sample ID:	P3927-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047694.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.641		10-130		34	SPK: -40
1719-06-8	Anthracene-d10	16.883		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	18.074		10-130		45	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.34		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	214692	7.822				
1146-65-2	Naphthalene-d8	738720	10.61				
15067-26-2	Acenaphthene-d10	539533	14.451				
1517-22-2	Phenanthrene-d10	1015715	17.204				
1719-03-5	Chrysene-d12	995882	21.409				
1520-96-3	Perylene-d12	1206896	24.421				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.846	1000	J			5.846	
000098-82-8	Benzene, (1-methylethyl)-	240	J			6.316	
	(DEL) Alkane: Straight-Chain6.387	350	J			6.387	
	(DEL) Alkane: Cyclic6.469	390	J			6.469	
	(DEL) Alkane: Straight-Chain6.728	240	J			6.728	
	(DEL) Alkane: Straight-Chain6.822	850	J			6.822	
	(DEL) Alkane: Straight-Chain6.881	630	J			6.881	
000611-14-3	Benzene, 1-ethyl-2-methyl-	630	J			6.916	
000108-67-8	Mesitylene	410	J			7.051	
000622-96-8	Benzene, 1-ethyl-4-methyl-	440	J			7.216	
019549-80-5	2-Heptanone, 4,6-dimethyl-	410	J			7.251	
	(DEL) Alkane: Straight-Chain7.463	2700	J			7.463	
1000309-17-3	Sulfurous acid, butyl hexyl ester	240	J			7.663	
	(DEL) Alkane: Straight-Chain7.751	460	J			7.751	
000103-44-6	Heptane, 3-[(ethenyloxy)methyl]-	530	J			7.892	
000526-73-8	Benzene, 1,2,3-trimethyl-	490	J			7.94	
	(DEL) Alkane: Straight-Chain8.022	320	J			8.022	

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC93			SDG No.:	BM092824
Lab Sample ID:	P3927-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047694.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000249-77-4	1,1-Hexylenedioxybutane	350	J			8.045	
	(DEL) Alkane: Straight-Chain8.092	280	J			8.092	
	(DEL) Alkane: Cyclic8.116	330	J			8.116	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	670	J			8.251	
	unknown-02	460	J			8.304	
	(DEL) Alkane: Straight-Chain8.363	870	J			8.363	
	(DEL) Alkane: Straight-Chain8.422	440	J			8.422	
000105-05-5	Benzene, 1,4-diethyl-	550	J			8.469	
	(DEL) Alkane: Straight-Chain8.598	710	J			8.598	
001074-55-1	Benzene, 1-methyl-4-propyl-	360	J			8.628	
000527-84-4	o-Cymene	290	J			8.781	
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	520	J			8.828	
	(DEL) Alkane: Straight-Chain9.069	2300	J			9.069	
002096-86-8	4-Methylphenyl acetone	690	J			9.181	
	(DEL) Alkane: Straight-Chain9.622	87	J			9.622	
	(DEL) Alkane: Cyclic9.763	110	J			9.763	
	(DEL) Alkane: Straight-Chain9.904	160	J			9.904	
	(DEL) Alkane: Straight-Chain9.975	82	J			9.975	
	(DEL) Alkane: Straight-Chain10.051	110	J			10.051	
	unknown-03	310	J			11.004	
	(DEL) Alkane: Straight-Chain11.128	140	J			11.128	
076649-14-4	3-Octen-2-ol	160	J			11.651	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	260	J			11.716	
	(DEL) Alkane: Straight-Chain12.051	290	J			12.051	
000582-16-1	Naphthalene, 2,7-dimethyl-	200	J			13.639	
	(DEL) Alkane: Straight-Chain14.374	780	J			14.374	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	340	J			15.216	
	(DEL) Alkane: Straight-Chain15.316	390	J			15.316	
	(DEL) Alkane: Straight-Chain15.716	170	J			15.716	
	unknown-04	1500	J			16.08	

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC93			SDG No.:	BM092824
Lab Sample ID:	P3927-08			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047694.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain16.174	3000	J			16.174	
	unknown-05	1100	J			16.374	
	unknown-06	1000	J			16.515	
	(DEL) Alkane: Straight-Chain17.015	1700	J			17.015	
093946-48-6	2-Amino-5-isopropyl-8-methyl-1-azu	1100	J			17.492	
	(DEL) Alkane: Straight-Chain17.698	2100	J			17.698	
000112-39-0	Hexadecanoic acid, methyl ester	2000	J			17.868	
	(DEL) Alkane: Straight-Chain18.386	1600	J			18.386	
002462-84-2	9-Octadecenoic acid, methyl ester	2900	J			19.033	
000112-61-8	Methyl stearate	870	J			19.168	
	(DEL) Alkane: Straight-Chain20.121	980	J			20.121	
	(DEL) Alkane: Straight-Chain21.098	1700	J			21.098	
	(DEL) Alkane: Straight-Chain21.615	780	J			21.615	
000150-86-7	Phytol	690	J			22.068	
	unknown-07	1800	J			22.18	
E966796	Total Alkanes	26000				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/16/2024 12:00:00 AM
Project:				Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	SBLK431			SDG No.:	BM092824
Lab Sample ID:	PB163431BL			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
BM047696.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

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

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Report of Analysis

Client:				Date Collected:	9/16/2024 12:00:00 AM
Project:				Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	SBLK431			SDG No.:	BM092824
Lab Sample ID:	PB163431BL			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
BM047696.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

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

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Report of Analysis

Client:				Date Collected:	9/16/2024 12:00:00 AM
Project:				Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	SBLK431			SDG No.:	BM092824
Lab Sample ID:	PB163431BL			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
BM047696.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.175		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	26.242		20-120		66	SPK: -40
4165-62-2	Phenol-d5	28.025		10-130		70	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.985		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.117		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	29.048		10-140		73	SPK: -40
4165-60-0	Nitrobenzene-d5	32.495		10-135		81	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.934		10-120		87	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.155		10-140		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.937		1-145		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.173		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	31.045		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.418		10-150		74	SPK: -40
81103-79-9	Fluorene-d10	32.067		20-140		80	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/16/2024 12:00:00 AM
Project:				Date Received:	9/16/2024 12:00:00 AM
Client Sample ID:	SBLK431			SDG No.:	BM092824
Lab Sample ID:	PB163431BL			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
BM047696.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.977		10-130		57	SPK: -40
1719-06-8	Anthracene-d10	30.995		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	33.215		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.189		10-140		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	232350	7.816				
1146-65-2	Naphthalene-d8	932036	10.61				
15067-26-2	Acenaphthene-d10	580221	14.445				
1517-22-2	Phenanthrene-d10	1165698	17.186				
1719-03-5	Chrysene-d12	1125386	21.409				
1520-96-3	Perylene-d12	1351303	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

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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:	DDCA6			SDG No.:	BM092824
Lab Sample ID:	P3927-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047697.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.4	75	ug/Kg
100-52-7	Benzaldehyde	84	U	84	92.9	370	ug/Kg
110-86-1	Pyridine	48	U	48	190	370	ug/Kg
108-95-2	Phenol	39	U	39	92.9	370	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	38	U	38	92.9	370	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	47.9	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	92.9	370	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	30	U	30	92.9	370	ug/Kg
98-86-2	Acetophenone	43	U	43	92.9	370	ug/Kg
106-44-5	4-Methylphenol	36	U	36	92.9	370	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	47.9	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	47.9	190	ug/Kg
98-95-3	Nitrobenzene	41	U	41	47.9	190	ug/Kg
78-59-1	Isophorone	38	U	38	47.9	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	47.9	190	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	47.9	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	47.9	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	47.9	190	ug/Kg
91-20-3	Naphthalene	110	J	38	47.9	190	ug/Kg
106-47-8	4-Chloroaniline	48	U	48	47.9	370	ug/Kg
87-68-3	Hexachlorobutadiene	38	U	38	47.9	190	ug/Kg
105-60-2	Caprolactam	140	U	140	92.9	370	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	47.9	190	ug/Kg
90-12-0	1-Methylnaphthalene	180	J	46	47.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	300		42	47.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	89	U	89	92.9	370	ug/Kg
88-06-2	2,4,6-Trichlorophenol	48	U	48	47.9	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	47	U	47	47.9	190	ug/Kg

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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:	DDCA6			SDG No.:	BM092824
Lab Sample ID:	P3927-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047697.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	54	U	54	47.9	190	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	47.9	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	47.9	190	ug/Kg
131-11-3	Dimethylphthalate	47	U	47	47.9	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	47.9	190	ug/Kg
208-96-8	Acenaphthylene	48	U	48	47.9	190	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	92.9	370	ug/Kg
83-32-9	Acenaphthene	46	U	46	47.9	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	92.9	370	ug/Kg
100-02-7	4-Nitrophenol	46	U	46	92.9	370	ug/Kg
132-64-9	Dibenzofuran	52	U	52	47.9	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	30	U	30	47.9	190	ug/Kg
84-66-2	Diethylphthalate	68	U	68	47.9	190	ug/Kg
86-73-7	Fluorene	51	U	51	47.9	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	47.9	190	ug/Kg
100-01-6	4-Nitroaniline	47	U	47	92.9	370	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	92.9	370	ug/Kg
86-30-6	N-Nitrosodiphenylamine	47	U	47	47.9	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	57	U	57	47.9	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	47.9	190	ug/Kg
118-74-1	Hexachlorobenzene	56	U	56	47.9	190	ug/Kg
1912-24-9	Atrazine	44	U	44	92.9	370	ug/Kg
87-86-5	Pentachlorophenol	37000	E	98	92.9	370	ug/Kg
85-01-8	Phenanthrene	56	J	50	47.9	190	ug/Kg
608-93-5	Pentachlorobenzene	57	U	57	47.9	190	ug/Kg
120-12-7	Anthracene	48	U	48	47.9	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	37	U	37	47.9	190	ug/Kg
86-74-8	Carbazole	51	U	51	92.9	370	ug/Kg
84-74-2	Di-n-butylphthalate	47	U	47	47.9	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	92.9	190	ug/Kg

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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:	DDCA6			SDG No.:	BM092824
Lab Sample ID:	P3927-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047697.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	50	U	50	47.9	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	47.9	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	92.9	370	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	47.9	190	ug/Kg
218-01-9	Chrysene	51	U	51	47.9	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	50	U	50	47.9	190	ug/Kg
117-84-0	Di-n-octyl phthalate	38	U	38	92.9	370	ug/Kg
205-99-2	Benzo(b)fluoranthene	47	U	47	47.9	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	47.9	190	ug/Kg
50-32-8	Benzo(a)pyrene	47	U	47	47.9	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	47.9	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	47.9	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	39	U	39	47.9	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4200	E	42	47.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.958		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	13.141		20-120		33	SPK: -40
4165-62-2	Phenol-d5	17.687		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.528		10-150		44	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.461		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	20.468		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	20.729		10-135		52	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.429		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.536		10-140		51	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.37		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.795		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	23.353		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.078		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	23.546		20-140		59	SPK: -40

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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:	DDCA6			SDG No.:	BM092824
Lab Sample ID:	P3927-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047697.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.826		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	22.899		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	24.815		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.935		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	193627	7.816				
1146-65-2	Naphthalene-d8	792995	10.61				
15067-26-2	Acenaphthene-d10	474816	14.445				
1517-22-2	Phenanthrene-d10	937435	17.186				
1719-03-5	Chrysene-d12	899518	21.403				
1520-96-3	Perylene-d12	1037029	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.840	660	J			5.84	
	(DEL) Alkane: Straight-Chain6.387	220	J			6.387	
	(DEL) Alkane: Cyclic6.463	250	J			6.463	
	(DEL) Alkane: Straight-Chain6.816	300	J			6.816	
	(DEL) Alkane: Straight-Chain6.875	370	J			6.875	
000620-14-4	Benzene, 1-ethyl-3-methyl-	280	J			6.91	
000526-73-8	Benzene, 1,2,3-trimethyl-	290	J			7.045	
000611-14-3	Benzene, 1-ethyl-2-methyl-	220	J			7.21	
019549-80-5	2-Heptanone, 4,6-dimethyl-	180	J			7.245	
	(DEL) Alkane: Straight-Chain7.451	2500	J			7.451	
000104-76-7	1-Hexanol, 2-ethyl-	1300	J			7.886	
000108-67-8	Mesitylene	280	J			7.933	
	(DEL) Alkane: Straight-Chain8.016	180	J			8.016	
	(DEL) Alkane: Cyclic8.110	230	J			8.11	
	(DEL) Alkane: Straight-Chain8.357	520	J			8.357	
	(DEL) Alkane: Straight-Chain8.416	240	J			8.416	
000105-05-5	Benzene, 1,4-diethyl-	340	J			8.457	

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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:	DDCA6			SDG No.:	BM092824
Lab Sample ID:	P3927-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047697.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain8.592	420	J			8.592	
000135-98-8	Benzene, (1-methylpropyl)-	210	J			8.622	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	190	J			8.775	
000527-84-4	o-Cymene	250	J			8.822	
	(DEL) Alkane: Straight-Chain9.051	1900	J			9.051	
	unknown-01	330	J			9.175	
	(DEL) Alkane: Straight-Chain10.045	84	J			10.045	
	(DEL) Alkane: Cyclic10.992	230	J			10.992	
	(DEL) Alkane: Straight-Chain11.645	130	J			11.645	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	430	J			11.71	
	unknown-02	200	J			11.88	
	(DEL) Alkane: Straight-Chain12.039	320	J			12.039	
	(DEL) Alkane: Cyclic12.074	130	J			12.074	
116436-59-0	3-Trifluoroacetoxy-6-ethyldecane	780	J			12.686	
	(DEL) Alkane: Straight-Chain12.998	240	J			12.998	
	(DEL) Alkane: Straight-Chain13.286	830	J			13.286	
000582-16-1	Naphthalene, 2,7-dimethyl-	290	J			13.768	
	(DEL) Alkane: Straight-Chain13.945	330	J			13.945	
065539-79-9	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d	550	J			14.086	
	(DEL) Alkane: Straight-Chain14.363	9200	J			14.363	
	unknown-03	190	J			14.821	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	230	J			14.915	
1000309-12-6	Sulfurous acid, pentadecyl 2-propy	250	J			14.98	
1000080-19-3	4b,5,6,7,8,8a,9,10-Octahydro-1-met	270	J			15.009	
004948-51-0	9-Methyl-S-octahydroanthracene	450	J			15.139	
075122-81-5	Methyl 2-diethylamino-3-methyl-but-2-enoate	600	J			15.21	
	(DEL) Alkane: Straight-Chain15.304	1500	J			15.304	
	(DEL) Alkane: Straight-Chain15.710	350	J			15.71	
000119-61-9	Benzophenone	450	J			15.804	
	unknown-04	550	J			16.08	

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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:	DDCA6			SDG No.:	BM092824
Lab Sample ID:	P3927-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047697.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain16.168	880	J			16.168	
	unknown-05	260	J			16.509	
	(DEL) Alkane: Straight-Chain16.956	670	J			16.956	
	(DEL) Alkane: Straight-Chain17.009	440	J			17.009	
187328-55-8	9,9-Dimethyl-9-sila-9,10-dihydroph	340	J			17.48	
	(DEL) Alkane: Straight-Chain17.692	560	J			17.692	
000112-39-0	Hexadecanoic acid, methyl ester	280	J			17.862	
000057-10-3	n-Hexadecanoic acid	210	J			18.08	
	(DEL) Alkane: Straight-Chain18.380	410	J			18.38	
	(DEL) Alkane: Straight-Chain19.015	340	J			19.015	
	(DEL) Alkane: Straight-Chain20.121	340	J			20.121	
004292-19-7	Dodecane, 1-iodo-	190	J			20.609	
1000382-54-3	Carbonic acid, eicosyl vinyl ester	520	J			21.092	
	(DEL) Alkane: Straight-Chain21.609	250	J			21.609	
	(DEL) Alkane: Straight-Chain22.180	290	J			22.18	
E966796	Total Alkanes	25000				99	ug/Kg

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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:	DDCA7			SDG No.:	BM092824
Lab Sample ID:	P3927-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	22.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047698.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	8.5	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	44	U	44	110	420	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.4	220	ug/Kg
95-48-7	2-Methylphenol	38	U	38	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	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	54.4	220	ug/Kg
67-72-1	Hexachloroethane	29	U	29	54.4	220	ug/Kg
98-95-3	Nitrobenzene	46	U	46	54.4	220	ug/Kg
78-59-1	Isophorone	44	U	44	54.4	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	54.4	220	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	54.4	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	54.4	220	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	54.4	220	ug/Kg
91-20-3	Naphthalene	44	U	44	54.4	220	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	54.4	420	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	54.4	220	ug/Kg
105-60-2	Caprolactam	150	U	150	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	54.4	220	ug/Kg
90-12-0	1-Methylnaphthalene	53	U	53	54.4	220	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	54.4	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	54.4	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	54.4	220	ug/Kg

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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:	DDCA7			SDG No.:	BM092824
Lab Sample ID:	P3927-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	22.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047698.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	54.4	220	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	54.4	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	54.4	220	ug/Kg
131-11-3	Dimethylphthalate	54	U	54	54.4	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	54.4	220	ug/Kg
208-96-8	Acenaphthylene	55	U	55	54.4	220	ug/Kg
99-09-2	3-Nitroaniline	26	U	26	110	420	ug/Kg
83-32-9	Acenaphthene	53	U	53	54.4	220	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	110	420	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	110	420	ug/Kg
132-64-9	Dibenzofuran	59	U	59	54.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	54.4	220	ug/Kg
84-66-2	Diethylphthalate	77	U	77	54.4	220	ug/Kg
86-73-7	Fluorene	58	U	58	54.4	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	54.4	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	54.4	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	65	U	65	54.4	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58	U	58	54.4	220	ug/Kg
118-74-1	Hexachlorobenzene	64	U	64	54.4	220	ug/Kg
1912-24-9	Atrazine	50	U	50	110	420	ug/Kg
87-86-5	Pentachlorophenol	17000	E	110	110	420	ug/Kg
85-01-8	Phenanthrene	56	U	56	54.4	220	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	54.4	220	ug/Kg
120-12-7	Anthracene	55	U	55	54.4	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	54.4	220	ug/Kg
86-74-8	Carbazole	58	U	58	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	54	54.4	220	ug/Kg
206-44-0	Fluoranthene	56	U	56	110	220	ug/Kg

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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:	DDCA7			SDG No.:	BM092824
Lab Sample ID:	P3927-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	22.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047698.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	54.4	220	ug/Kg
85-68-7	Butylbenzylphthalate	41	U	41	54.4	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	54.4	220	ug/Kg
218-01-9	Chrysene	58	U	58	54.4	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	54.4	220	ug/Kg
117-84-0	Di-n-octyl phthalate	44	U	44	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	U	54	54.4	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	54.4	220	ug/Kg
50-32-8	Benzo(a)pyrene	54	U	54	54.4	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	54.4	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	47	U	47	54.4	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	54.4	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2000		47	54.4	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.006		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	16.037		20-120		40	SPK: -40
4165-62-2	Phenol-d5	18.915		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.34		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.071		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	20.508		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	20.413		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.214		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.525		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.304		1-145		43	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.338		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	23.519		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.319		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	24.972		20-140		62	SPK: -40

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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:	DDCA7			SDG No.:	BM092824
Lab Sample ID:	P3927-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	22.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047698.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.355		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	24.27		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	27.017		10-130		68	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.936		10-140		65	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163455	7.816				
1146-65-2	Naphthalene-d8	664642	10.61				
15067-26-2	Acenaphthene-d10	412626	14.445				
1517-22-2	Phenanthrene-d10	841944	17.186				
1719-03-5	Chrysene-d12	771397	21.404				
1520-96-3	Perylene-d12	891651	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	170	A			4.928	
	(DEL) Alkane: Straight-Chain5.840	150	J			5.84	
000107-41-5	Hexylene glycol	340	J			6.128	
	(DEL) Alkane: Straight-Chain6.816	110	J			6.816	
000526-73-8	Benzene, 1,2,3-trimethyl-	110	J			7.204	
019549-80-5	2-Heptanone, 4,6-dimethyl-	99	J			7.246	
	(DEL) Alkane: Straight-Chain7.452	430	J			7.452	
000106-67-2	1-Pentanol, 2-ethyl-4-methyl-	1600	J			7.881	
1000431-42-6	Hexanal ethyl trans-2-hexenyl acet	400	J			8.046	
	(DEL) Alkane: Straight-Chain9.051	180	J			9.051	
000149-57-5	Hexanoic acid, 2-ethyl-	390	J			9.116	
000504-20-1	Phorone	96	J			9.245	
073583-56-9	2,6-Dimethyl-6-nitro-2-hepten-4-on	190	J			9.763	
069775-79-7	Ether, hexyl t-butyl	610	J			10.487	
1000484-18-1	1,3-Hexanediol, 2-ethyl- (isomer 2	120	J			10.81	
1000484-18-2	1,3-Hexanediol, 2-ethyl- (isomer 1	140	J			10.898	
	unknown-01	90	J			12.692	

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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:	DDCA7			SDG No.:	BM092824
Lab Sample ID:	P3927-21			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	22.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047698.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000357-85-7	Carbonic acid, neopentyl 2-ethylhe	500	J			14.357	
000119-61-9	Benzophenone	320	J			15.804	
000087-87-6	Hydroquinone, tetrachloro-	130	J			16.951	
000057-10-3	n-Hexadecanoic acid	160	J			18.08	
000557-61-9	Octacosanol	110	J			21.086	
E966796	Total Alkanes	870				99	ug/Kg

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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:	DDCE3			SDG No.:	BM092824
Lab Sample ID:	P3927-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.1
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
BM047699.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.2	82	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	52.5	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	40	U	40	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	52.5	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	52.5	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	52.5	210	ug/Kg
78-59-1	Isophorone	42	U	42	52.5	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	52.5	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	52.5	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	52.5	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	52.5	210	ug/Kg
91-20-3	Naphthalene	42	U	42	52.5	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	52.5	410	ug/Kg
87-68-3	Hexachlorobutadiene	42	U	42	52.5	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	52.5	210	ug/Kg
90-12-0	1-Methylnaphthalene	51	U	51	52.5	210	ug/Kg
91-57-6	2-Methylnaphthalene	46	U	46	52.5	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	98	U	98	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	52.5	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	52.5	210	ug/Kg

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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:	DDCE3			SDG No.:	BM092824
Lab Sample ID:	P3927-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.1
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
BM047699.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	52.5	210	ug/Kg
91-58-7	2-Chloronaphthalene	56	U	56	52.5	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.5	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	52.5	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52.5	210	ug/Kg
208-96-8	Acenaphthylene	53	U	53	52.5	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	51	U	51	52.5	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	52.5	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	52.5	210	ug/Kg
84-66-2	Diethylphthalate	74	U	74	52.5	210	ug/Kg
86-73-7	Fluorene	56	U	56	52.5	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	52.5	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	52.5	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	52.5	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	56	U	56	52.5	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.5	210	ug/Kg
1912-24-9	Atrazine	48	U	48	100	410	ug/Kg
87-86-5	Pentachlorophenol	1800		110	100	410	ug/Kg
85-01-8	Phenanthrene	54	U	54	52.5	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	52.5	210	ug/Kg
120-12-7	Anthracene	53	U	53	52.5	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	52.5	210	ug/Kg
86-74-8	Carbazole	56	U	56	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	52.5	210	ug/Kg
206-44-0	Fluoranthene	54	U	54	100	210	ug/Kg

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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:	DDCE3			SDG No.:	BM092824
Lab Sample ID:	P3927-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.1
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
BM047699.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	52.5	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	52.5	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	52.5	210	ug/Kg
218-01-9	Chrysene	56	U	56	52.5	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	52.5	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	52.5	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	56	U	56	52.5	210	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	52.5	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	52.5	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	52.5	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	52.5	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	180	J	46	52.5	210	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	14.689		20-120		37	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.421		15-120		43	SPK: -8
4165-62-2	Phenol-d5	19.256		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.419		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.034		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	20.181		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	21.258		10-135		53	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.007		10-120		55	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.92		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.162		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.444		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	22.815		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.205		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	24.31		20-140		61	SPK: -40

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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:	DDCE3			SDG No.:	BM092824
Lab Sample ID:	P3927-22			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.1
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
BM047699.D	1	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.577		10-130		36	SPK: -40
1719-06-8	Anthracene-d10	23.676		10-150		59	SPK: -40
1718-52-1	Pyrene-d10	26.595		10-130		66	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.615		10-140		64	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	155287	7.816				
1146-65-2	Naphthalene-d8	618788	10.61				
15067-26-2	Acenaphthene-d10	378780	14.445				
1517-22-2	Phenanthrene-d10	773966	17.186				
1719-03-5	Chrysene-d12	711321	21.403				
1520-96-3	Perylene-d12	827010	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	170	J			7.881	
	unknown-01	110	J			8.045	
000119-61-9	Benzophenone	460	J			15.798	
000640-61-9	Benzenesulfonamide, N,4-dimethyl-	150	J			16.127	
000057-10-3	n-Hexadecanoic acid	240	J			18.08	
E966796	Total Alkanes	59	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC93DL			SDG No.:	BM092824
Lab Sample ID:	P3927-08DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047700.D	5	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	76	U	76	38.5	390	ug/Kg
100-52-7	Benzaldehyde	440	U	440	480	1900	ug/Kg
110-86-1	Pyridine	250	U	250	960	1900	ug/Kg
108-95-2	Phenol	200	U	200	480	1900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	200	U	200	480	1900	ug/Kg
95-57-8	2-Chlorophenol	160	U	160	250	990	ug/Kg
95-48-7	2-Methylphenol	170	U	170	480	1900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	U	160	480	1900	ug/Kg
98-86-2	Acetophenone	220	U	220	480	1900	ug/Kg
106-44-5	4-Methylphenol	190	U	190	480	1900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	170	U	170	250	990	ug/Kg
67-72-1	Hexachloroethane	130	U	130	250	990	ug/Kg
98-95-3	Nitrobenzene	210	U	210	250	990	ug/Kg
78-59-1	Isophorone	200	U	200	250	990	ug/Kg
88-75-5	2-Nitrophenol	190	U	190	250	990	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	250	990	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	220	U	220	250	990	ug/Kg
120-83-2	2,4-Dichlorophenol	230	U	230	250	990	ug/Kg
91-20-3	Naphthalene	1100	D	200	250	990	ug/Kg
106-47-8	4-Chloroaniline	250	U	250	250	1900	ug/Kg
87-68-3	Hexachlorobutadiene	200	U	200	250	990	ug/Kg
105-60-2	Caprolactam	700	U	700	480	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	250	990	ug/Kg
90-12-0	1-Methylnaphthalene	1700	D	240	250	990	ug/Kg
91-57-6	2-Methylnaphthalene	3000	D	220	250	990	ug/Kg
77-47-4	Hexachlorocyclopentadiene	460	U	460	480	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	250	U	250	250	990	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	250	990	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC93DL			SDG No.:	BM092824
Lab Sample ID:	P3927-08DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047700.D	5	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	280	U	280	250	990	ug/Kg
91-58-7	2-Chloronaphthalene	260	U	260	250	990	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	250	990	ug/Kg
131-11-3	Dimethylphthalate	240	U	240	250	990	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	250	990	ug/Kg
208-96-8	Acenaphthylene	250	U	250	250	990	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	480	1900	ug/Kg
83-32-9	Acenaphthene	240	U	240	250	990	ug/Kg
51-28-5	2,4-Dinitrophenol	700	U	700	480	1900	ug/Kg
100-02-7	4-Nitrophenol	240	U	240	480	1900	ug/Kg
132-64-9	Dibenzofuran	270	U	270	250	990	ug/Kg
121-14-2	2,4-Dinitrotoluene	160	U	160	250	990	ug/Kg
84-66-2	Diethylphthalate	350	U	350	250	990	ug/Kg
86-73-7	Fluorene	260	U	260	250	990	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	270	U	270	250	990	ug/Kg
100-01-6	4-Nitroaniline	240	U	240	480	1900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	93	U	93	480	1900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	240	U	240	250	990	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	300	U	300	250	990	ug/Kg
101-55-3	4-Bromophenyl-phenylether	260	U	260	250	990	ug/Kg
118-74-1	Hexachlorobenzene	290	U	290	250	990	ug/Kg
1912-24-9	Atrazine	230	U	230	480	1900	ug/Kg
87-86-5	Pentachlorophenol	190000	ED	510	480	1900	ug/Kg
85-01-8	Phenanthrene	430	JD	260	250	990	ug/Kg
608-93-5	Pentachlorobenzene	300	U	300	250	990	ug/Kg
120-12-7	Anthracene	250	U	250	250	990	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	190	U	190	250	990	ug/Kg
86-74-8	Carbazole	260	U	260	480	1900	ug/Kg
84-74-2	Di-n-butylphthalate	240	U	240	250	990	ug/Kg
206-44-0	Fluoranthene	260	U	260	480	990	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC93DL			SDG No.:	BM092824
Lab Sample ID:	P3927-08DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047700.D	5	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	260	U	260	250	990	ug/Kg
85-68-7	Butylbenzylphthalate	190	U	190	250	990	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	480	1900	ug/Kg
56-55-3	Benzo(a)anthracene	230	U	230	250	990	ug/Kg
218-01-9	Chrysene	260	U	260	250	990	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	260	U	260	250	990	ug/Kg
117-84-0	Di-n-octyl phthalate	200	U	200	480	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	240	U	240	250	990	ug/Kg
207-08-9	Benzo(k)fluoranthene	260	U	260	250	990	ug/Kg
50-32-8	Benzo(a)pyrene	240	U	240	250	990	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	U	220	250	990	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	220	U	220	250	990	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200	U	200	250	990	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	20000	ED	220	250	990	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.345		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	10.05		20-120		25	SPK: -40
4165-62-2	Phenol-d5	13.04		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.46		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.72		15-120		34	SPK: -40
190780-66-6	4-Methylphenol-d8	24.79		10-140		62	SPK: -40
4165-60-0	Nitrobenzene-d5	9.44		10-135		24	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.05		10-120		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.375		10-140		33	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.175		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.275		10-145		38	SPK: -40
93951-97-4	Acenaphthylene-d8	15.075		15-120		38	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.995		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	15.61		20-140		39	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC93DL			SDG No.:	BM092824
Lab Sample ID:	P3927-08DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047700.D	5	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.505		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	15.245		10-150		38	SPK: -40
1718-52-1	Pyrene-d10	16.46		10-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.43		10-140		36	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	207516	7.816				
1146-65-2	Naphthalene-d8	857152	10.61				
15067-26-2	Acenaphthene-d10	524288	14.445				
1517-22-2	Phenanthrene-d10	1029201	17.186				
1719-03-5	Chrysene-d12	992988	21.403				
1520-96-3	Perylene-d12	1151900	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.840	3800	JD			5.84	
	(DEL) Alkane: Straight-Chain6.381	1200	JD			6.381	
	(DEL) Alkane: Cyclic6.463	1500	JD			6.463	
	(DEL) Alkane: Straight-Chain6.816	3100	JD			6.816	
	(DEL) Alkane: Straight-Chain6.875	2300	JD			6.875	
000611-14-3	Benzene, 1-ethyl-2-methyl-	2400	JD			6.91	
000108-67-8	Mesitylene	1500	JD			7.046	
000095-63-6	Benzene, 1,2,4-trimethyl-	1600	JD			7.21	
019549-80-5	2-Heptanone, 4,6-dimethyl-	1600	JD			7.246	
	(DEL) Alkane: Straight-Chain7.451	15000	JD			7.451	
1000383-25-5	Carbonic acid, octyl vinyl ester	1800	JD			7.893	
000526-73-8	Benzene, 1,2,3-trimethyl-	1800	JD			7.934	
	(DEL) Alkane: Straight-Chain8.016	1200	JD			8.016	
	unknown-01	1300	JD			8.04	
	(DEL) Alkane: Straight-Chain8.087	1000	JD			8.087	
	(DEL) Alkane: Cyclic8.116	1200	JD			8.116	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	2500	JD			8.245	

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC93DL			SDG No.:	BM092824
Lab Sample ID:	P3927-08DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047700.D	5	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain8.298	1700	JD			8.298	
	(DEL) Alkane: Straight-Chain8.357	3400	JD			8.357	
	(DEL) Alkane: Straight-Chain8.416	1700	JD			8.416	
000105-05-5	Benzene, 1,4-diethyl-	2200	JD			8.457	
	(DEL) Alkane: Straight-Chain8.593	2800	JD			8.593	
001074-55-1	Benzene, 1-methyl-4-propyl-	1400	JD			8.622	
000527-84-4	o-Cymene	2000	JD			8.816	
	(DEL) Alkane: Straight-Chain9.051	12000	JD			9.051	
001595-16-0	Benzene, 1-methyl-4-(1-methylpropy	2400	JD			9.175	
	(DEL) Alkane: Straight-Chain9.898	470	JD			9.898	
	(DEL) Alkane: Straight-Chain11.122	410	JD			11.122	
	(DEL) Alkane: Straight-Chain11.645	490	JD			11.645	
	(DEL) Alkane: Straight-Chain12.039	880	JD			12.039	
	(DEL) Alkane: Straight-Chain12.686	2800	JD			12.686	
073105-67-6	1-Iodo-2-methylundecane	1300	JD			12.857	
	unknown-02	2100	JD			13.504	
000575-37-1	Naphthalene, 1,7-dimethyl-	3100	JD			13.633	
000109-21-7	Butanoic acid, butyl ester	1600	JD			13.716	
000571-58-4	Naphthalene, 1,4-dimethyl-	2400	JD			13.769	
	(DEL) Alkane: Straight-Chain13.945	1600	JD			13.945	
	unknown-03	2700	JD			14.086	
	(DEL) Alkane: Straight-Chain14.363	20000	JD			14.363	
	unknown-04	1700	JD			14.527	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	1500	JD			14.845	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	1400	JD			14.916	
	(DEL) Alkane: Straight-Chain14.980	1500	JD			14.98	
004948-51-0	9-Methyl-S-octahydroanthracene	1400	JD			15.139	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	6300	JD			15.21	
	(DEL) Alkane: Straight-Chain15.304	6800	JD			15.304	
	(DEL) Alkane: Straight-Chain15.710	2200	JD			15.71	

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC93DL			SDG No.:	BM092824
Lab Sample ID:	P3927-08DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047700.D	5	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-05	1700	JD			15.804	
	(DEL) Alkane: Straight-Chain15.922	1200	JD			15.922	
	unknown-06	1600	JD			16.08	
	(DEL) Alkane: Straight-Chain16.169	5500	JD			16.169	
	(DEL) Alkane: Straight-Chain16.957	4000	JD			16.957	
	(DEL) Alkane: Straight-Chain17.010	2600	JD			17.01	
187328-55-8	9,9-Dimethyl-9-sila-9,10-dihydroph	1600	JD			17.48	
	(DEL) Alkane: Straight-Chain17.692	3500	JD			17.692	
000112-39-0	Hexadecanoic acid, methyl ester	3100	JD			17.863	
	(DEL) Alkane: Straight-Chain18.380	2600	JD			18.38	
001937-63-9	11-Octadecenoic acid, methyl ester	4500	JD			19.027	
000112-61-8	Methyl stearate	1400	JD			19.162	
	(DEL) Alkane: Straight-Chain20.121	1600	JD			20.121	
1000309-39-7	Oxalic acid, 2-ethylhexyl tetradec	2500	JD			21.098	
	(DEL) Alkane: Straight-Chain22.174	2600	JD			22.174	
E966796	Total Alkanes	110000	D			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC93DL2			SDG No.:	BM092824
Lab Sample ID:	P3927-08DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047701.D	30	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	450	U	450	230	2300	ug/Kg
100-52-7	Benzaldehyde	2600	U	2600	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	980	U	980	1500	5900	ug/Kg
95-48-7	2-Methylphenol	1000	U	1000	2900	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	940	U	940	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	5900	ug/Kg
67-72-1	Hexachloroethane	800	U	800	1500	5900	ug/Kg
98-95-3	Nitrobenzene	1300	U	1300	1500	5900	ug/Kg
78-59-1	Isophorone	1200	U	1200	1500	5900	ug/Kg
88-75-5	2-Nitrophenol	1100	U	1100	1500	5900	ug/Kg
105-67-9	2,4-Dimethylphenol	980	U	980	1500	5900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1500	5900	ug/Kg
120-83-2	2,4-Dichlorophenol	1400	U	1400	1500	5900	ug/Kg
91-20-3	Naphthalene	1200	JD	1200	1500	5900	ug/Kg
106-47-8	4-Chloroaniline	1500	U	1500	1500	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1200	U	1200	1500	5900	ug/Kg
105-60-2	Caprolactam	4200	U	4200	2900	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	980	U	980	1500	5900	ug/Kg
90-12-0	1-Methylnaphthalene	1800	JD	1400	1500	5900	ug/Kg
91-57-6	2-Methylnaphthalene	3200	JD	1300	1500	5900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2800	U	2800	2900	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1500	U	1500	1500	5900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1500	U	1500	1500	5900	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC93DL2			SDG No.:	BM092824
Lab Sample ID:	P3927-08DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047701.D	30	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1700	U	1700	1500	5900	ug/Kg
91-58-7	2-Chloronaphthalene	1600	U	1600	1500	5900	ug/Kg
88-74-4	2-Nitroaniline	770	U	770	1500	5900	ug/Kg
131-11-3	Dimethylphthalate	1500	U	1500	1500	5900	ug/Kg
606-20-2	2,6-Dinitrotoluene	730	U	730	1500	5900	ug/Kg
208-96-8	Acenaphthylene	1500	U	1500	1500	5900	ug/Kg
99-09-2	3-Nitroaniline	700	U	700	2900	12000	ug/Kg
83-32-9	Acenaphthene	1400	U	1400	1500	5900	ug/Kg
51-28-5	2,4-Dinitrophenol	4200	U	4200	2900	12000	ug/Kg
100-02-7	4-Nitrophenol	1400	U	1400	2900	12000	ug/Kg
132-64-9	Dibenzofuran	1600	U	1600	1500	5900	ug/Kg
121-14-2	2,4-Dinitrotoluene	940	U	940	1500	5900	ug/Kg
84-66-2	Diethylphthalate	2100	U	2100	1500	5900	ug/Kg
86-73-7	Fluorene	1600	U	1600	1500	5900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600	U	1600	1500	5900	ug/Kg
100-01-6	4-Nitroaniline	1500	U	1500	2900	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	560	U	560	2900	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500	U	1500	1500	5900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1800	U	1800	1500	5900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1600	U	1600	1500	5900	ug/Kg
118-74-1	Hexachlorobenzene	1700	U	1700	1500	5900	ug/Kg
1912-24-9	Atrazine	1400	U	1400	2900	12000	ug/Kg
87-86-5	Pentachlorophenol	270000	ED	3000	2900	12000	ug/Kg
85-01-8	Phenanthrene	1500	U	1500	1500	5900	ug/Kg
608-93-5	Pentachlorobenzene	1800	U	1800	1500	5900	ug/Kg
120-12-7	Anthracene	1500	U	1500	1500	5900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200	U	1200	1500	5900	ug/Kg
86-74-8	Carbazole	1600	U	1600	2900	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1500	5900	ug/Kg
206-44-0	Fluoranthene	1500	U	1500	2900	5900	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC93DL2			SDG No.:	BM092824
Lab Sample ID:	P3927-08DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047701.D	30	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500	U	1500	1500	5900	ug/Kg
85-68-7	Butylbenzylphthalate	1100	U	1100	1500	5900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	800	U	800	2900	12000	ug/Kg
56-55-3	Benzo(a)anthracene	1400	U	1400	1500	5900	ug/Kg
218-01-9	Chrysene	1600	U	1600	1500	5900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500	U	1500	1500	5900	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	5900	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600	U	1600	1500	5900	ug/Kg
50-32-8	Benzo(a)pyrene	1500	U	1500	1500	5900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1300	U	1300	1500	5900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	1500	5900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200	U	1200	1500	5900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	20000	D	1300	1500	5900	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	13.02		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.37		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.56		15-120		34	SPK: -40
190780-66-6	4-Methylphenol-d8	24.45		10-140		61	SPK: -40
4165-60-0	Nitrobenzene-d5	13.98		10-135		35	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.22		10-120		28	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.45		10-140		31	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.18		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.83		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	15.63		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	17.49		20-140		44	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC93DL2			SDG No.:	BM092824
Lab Sample ID:	P3927-08DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047701.D	30	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

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	16.77		10-150		42	SPK: -40
1718-52-1	Pyrene-d10	18.24		10-130		46	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.61		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	180411	7.816				
1146-65-2	Naphthalene-d8	743047	10.61				
15067-26-2	Acenaphthene-d10	463789	14.445				
1517-22-2	Phenanthrene-d10	952863	17.186				
1719-03-5	Chrysene-d12	857802	21.403				
1520-96-3	Perylene-d12	978132	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.840	9600	JD			5.84	
	(DEL) Alkane: Straight-Chain6.381	3000	JD			6.381	
	(DEL) Alkane: Cyclic6.463	3500	JD			6.463	
	(DEL) Alkane: Straight-Chain6.816	7600	JD			6.816	
	(DEL) Alkane: Straight-Chain6.875	5700	JD			6.875	
000611-14-3	Benzene, 1-ethyl-2-methyl-	5900	JD			6.91	
	(DEL) Alkane: Straight-Chain6.981	10000	JD			6.981	
000108-67-8	Mesitylene	3900	JD			7.04	
000622-96-8	Benzene, 1-ethyl-4-methyl-	4000	JD			7.21	
1000382-54-2	Carbonic acid, hexyl prop-1-en-2-y	4700	JD			7.246	
	(DEL) Alkane: Straight-Chain7.451	38000	JD			7.451	
	(DEL) Alkane: Straight-Chain7.657	2400	JD			7.657	
	(DEL) Alkane: Straight-Chain7.887	2800	JD			7.887	
000526-73-8	Benzene, 1,2,3-trimethyl-	4400	JD			7.934	
1000249-77-4	1,1-Hexylenedioxybutane	3000	JD			8.04	
	(DEL) Alkane: Cyclic8.110	2900	JD			8.11	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	6300	JD			8.245	

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC93DL2			SDG No.:	BM092824
Lab Sample ID:	P3927-08DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047701.D	30	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-01	3600	JD			8.298	
	(DEL) Alkane: Straight-Chain8.357	7700	JD			8.357	
	(DEL) Alkane: Straight-Chain8.416	3800	JD			8.416	
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	5500	JD			8.457	
	(DEL) Alkane: Straight-Chain8.481	8800	JD			8.481	
	(DEL) Alkane: Straight-Chain8.587	7000	JD			8.587	
001074-55-1	Benzene, 1-methyl-4-propyl-	3300	JD			8.622	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	2700	JD			8.769	
000527-84-4	o-Cymene	4900	JD			8.816	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	8100	JD			8.922	
	(DEL) Alkane: Straight-Chain9.051	34000	JD			9.051	
	unknown-02	6400	JD			9.175	
000123-18-2	4-Nonanone, 2,6,8-trimethyl-	4000	JD			10.734	
	(DEL) Alkane: Cyclic10.992	4100	JD			10.992	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	3300	JD			11.71	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	3100	JD			11.881	
	(DEL) Alkane: Straight-Chain12.039	3700	JD			12.039	
	unknown-03	4600	JD			12.686	
	(DEL) Alkane: Straight-Chain13.281	6400	JD			13.281	
	unknown-04	2500	JD			13.498	
000582-16-1	Naphthalene, 2,7-dimethyl-	3400	JD			13.628	
000575-41-7	Naphthalene, 1,3-dimethyl-	2600	JD			13.769	
1000309-38-8	Oxalic acid, 2-ethylhexyl isohexyl	2900	JD			13.945	
	unknown-05	4000	JD			14.086	
1000309-39-0	Oxalic acid, bis(2-ethylhexyl) est	25000	JD			14.357	
1000271-83-0	Cyclopropane, 1-methoxy-2,2-dimeth	5900	JD			14.592	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	7700	JD			15.21	
	(DEL) Alkane: Straight-Chain15.304	8000	JD			15.304	
005409-55-2	1(2H)-Naphthalenone, 3,4-dihydro-3	2400	JD			15.545	
	(DEL) Alkane: Straight-Chain15.710	3200	JD			15.71	

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC93DL2			SDG No.:	BM092824
Lab Sample ID:	P3927-08DL2			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.5
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047701.D	30	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain16.163	5800	JD			16.163	
	(DEL) Alkane: Straight-Chain16.951	5100	JD			16.951	
	(DEL) Alkane: Straight-Chain17.010	3200	JD			17.01	
	(DEL) Alkane: Straight-Chain17.692	3800	JD			17.692	
000112-39-0	Hexadecanoic acid, methyl ester	3200	JD			17.863	
	(DEL) Alkane: Straight-Chain18.380	2700	JD			18.38	
	(DEL) Alkane: Straight-Chain19.015	2500	JD			19.015	
E966796	Total Alkanes	200000	D			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC82DL			SDG No.:	BM092824
Lab Sample ID:	P3927-04DL			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
BM047702.D	5	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

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

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC82DL			SDG No.:	BM092824
Lab Sample ID:	P3927-04DL			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
BM047702.D	5	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

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	8200	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

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC82DL			SDG No.:	BM092824
Lab Sample ID:	P3927-04DL			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
BM047702.D	5	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

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	680	JD	230	260	1000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.68		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	7.115	*	20-120		18	SPK: -40
4165-62-2	Phenol-d5	13.055		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.005		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.195		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	13.595		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	12.57		10-135		31	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.555		10-120		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.085		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.605		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.55		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	14.985		15-120		37	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.515		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	16.53		20-140		41	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC82DL			SDG No.:	BM092824
Lab Sample ID:	P3927-04DL			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
BM047702.D	5	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.795		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	15.56		10-150		39	SPK: -40
1718-52-1	Pyrene-d10	17.01		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.3		10-140		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	219364	7.816				
1146-65-2	Naphthalene-d8	883801	10.61				
15067-26-2	Acenaphthene-d10	544263	14.445				
1517-22-2	Phenanthrene-d10	1114103	17.186				
1719-03-5	Chrysene-d12	1016356	21.409				
1520-96-3	Perylene-d12	1175542	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain7.451	460	JD			7.451	
000149-57-5	Hexanoic acid, 2-ethyl-	830	JD			9.104	
E966796	Total Alkanes	460	D			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC80DL			SDG No.:	BM092824
Lab Sample ID:	P3927-02DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.3
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
BM047703.D	10	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	150	U	150	75	760	ug/Kg
100-52-7	Benzaldehyde	850	U	850	940	3800	ug/Kg
110-86-1	Pyridine	490	U	490	1900	3800	ug/Kg
108-95-2	Phenol	400	U	400	940	3800	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	390	U	390	940	3800	ug/Kg
95-57-8	2-Chlorophenol	320	U	320	480	1900	ug/Kg
95-48-7	2-Methylphenol	340	U	340	940	3800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	310	U	310	940	3800	ug/Kg
98-86-2	Acetophenone	430	U	430	940	3800	ug/Kg
106-44-5	4-Methylphenol	360	U	360	940	3800	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	330	U	330	480	1900	ug/Kg
67-72-1	Hexachloroethane	260	U	260	480	1900	ug/Kg
98-95-3	Nitrobenzene	410	U	410	480	1900	ug/Kg
78-59-1	Isophorone	390	U	390	480	1900	ug/Kg
88-75-5	2-Nitrophenol	360	U	360	480	1900	ug/Kg
105-67-9	2,4-Dimethylphenol	320	U	320	480	1900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	430	U	430	480	1900	ug/Kg
120-83-2	2,4-Dichlorophenol	440	U	440	480	1900	ug/Kg
91-20-3	Naphthalene	390	U	390	480	1900	ug/Kg
106-47-8	4-Chloroaniline	490	U	490	480	3800	ug/Kg
87-68-3	Hexachlorobutadiene	390	U	390	480	1900	ug/Kg
105-60-2	Caprolactam	1400	U	1400	940	3800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	320	U	320	480	1900	ug/Kg
90-12-0	1-Methylnaphthalene	470	U	470	480	1900	ug/Kg
91-57-6	2-Methylnaphthalene	420	U	420	480	1900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	900	U	900	940	3800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	490	U	490	480	1900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	480	U	480	480	1900	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC80DL			SDG No.:	BM092824
Lab Sample ID:	P3927-02DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.3
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
BM047703.D	10	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	550	U	550	480	1900	ug/Kg
91-58-7	2-Chloronaphthalene	510	U	510	480	1900	ug/Kg
88-74-4	2-Nitroaniline	250	U	250	480	1900	ug/Kg
131-11-3	Dimethylphthalate	480	U	480	480	1900	ug/Kg
606-20-2	2,6-Dinitrotoluene	240	U	240	480	1900	ug/Kg
208-96-8	Acenaphthylene	490	U	490	480	1900	ug/Kg
99-09-2	3-Nitroaniline	230	U	230	940	3800	ug/Kg
83-32-9	Acenaphthene	470	U	470	480	1900	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	940	3800	ug/Kg
100-02-7	4-Nitrophenol	470	U	470	940	3800	ug/Kg
132-64-9	Dibenzofuran	520	U	520	480	1900	ug/Kg
121-14-2	2,4-Dinitrotoluene	310	U	310	480	1900	ug/Kg
84-66-2	Diethylphthalate	680	U	680	480	1900	ug/Kg
86-73-7	Fluorene	510	U	510	480	1900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	530	U	530	480	1900	ug/Kg
100-01-6	4-Nitroaniline	480	U	480	940	3800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	180	U	180	940	3800	ug/Kg
86-30-6	N-Nitrosodiphenylamine	480	U	480	480	1900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	580	U	580	480	1900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	510	U	510	480	1900	ug/Kg
118-74-1	Hexachlorobenzene	570	U	570	480	1900	ug/Kg
1912-24-9	Atrazine	440	U	440	940	3800	ug/Kg
87-86-5	Pentachlorophenol	21000	D	990	940	3800	ug/Kg
85-01-8	Phenanthrene	500	U	500	480	1900	ug/Kg
608-93-5	Pentachlorobenzene	580	U	580	480	1900	ug/Kg
120-12-7	Anthracene	490	U	490	480	1900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	380	U	380	480	1900	ug/Kg
86-74-8	Carbazole	510	U	510	940	3800	ug/Kg
84-74-2	Di-n-butylphthalate	480	U	480	480	1900	ug/Kg
206-44-0	Fluoranthene	500	U	500	940	1900	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC80DL			SDG No.:	BM092824
Lab Sample ID:	P3927-02DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.3
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
BM047703.D	10	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	500	U	500	480	1900	ug/Kg
85-68-7	Butylbenzylphthalate	360	U	360	480	1900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	260	U	260	940	3800	ug/Kg
56-55-3	Benzo(a)anthracene	440	U	440	480	1900	ug/Kg
218-01-9	Chrysene	510	U	510	480	1900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	500	U	500	480	1900	ug/Kg
117-84-0	Di-n-octyl phthalate	390	U	390	940	3800	ug/Kg
205-99-2	Benzo(b)fluoranthene	480	U	480	480	1900	ug/Kg
207-08-9	Benzo(k)fluoranthene	510	U	510	480	1900	ug/Kg
50-32-8	Benzo(a)pyrene	480	U	480	480	1900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	420	U	420	480	1900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	420	U	420	480	1900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	400	U	400	480	1900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	520	JD	420	480	1900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.18		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	14.79		20-120		37	SPK: -40
4165-62-2	Phenol-d5	14.08		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.23		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.46		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	13.49		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	14.09		10-135		35	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.71		10-120		32	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.79		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.25		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.16		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	17.25		15-120		43	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	19.68		20-140		49	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC80DL			SDG No.:	BM092824
Lab Sample ID:	P3927-02DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	12.3
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
BM047703.D	10	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

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	18.32		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	19.89		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.65		10-140		44	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	188131	7.816				
1146-65-2	Naphthalene-d8	738015	10.61				
15067-26-2	Acenaphthene-d10	447827	14.445				
1517-22-2	Phenanthrene-d10	946804	17.186				
1719-03-5	Chrysene-d12	867295	21.409				
1520-96-3	Perylene-d12	998860	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	550	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC9DL			SDG No.:	BM092824
Lab Sample ID:	P3927-12DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.8
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
BM047704.D	5	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	77	U	77	39.2	400	ug/Kg
100-52-7	Benzaldehyde	450	U	450	490	2000	ug/Kg
110-86-1	Pyridine	260	U	260	980	2000	ug/Kg
108-95-2	Phenol	210	U	210	490	2000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	200	U	200	490	2000	ug/Kg
95-57-8	2-Chlorophenol	170	U	170	250	1000	ug/Kg
95-48-7	2-Methylphenol	180	U	180	490	2000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	U	160	490	2000	ug/Kg
98-86-2	Acetophenone	230	U	230	490	2000	ug/Kg
106-44-5	4-Methylphenol	190	U	190	490	2000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	170	U	170	250	1000	ug/Kg
67-72-1	Hexachloroethane	140	U	140	250	1000	ug/Kg
98-95-3	Nitrobenzene	210	U	210	250	1000	ug/Kg
78-59-1	Isophorone	200	U	200	250	1000	ug/Kg
88-75-5	2-Nitrophenol	190	U	190	250	1000	ug/Kg
105-67-9	2,4-Dimethylphenol	170	U	170	250	1000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	230	U	230	250	1000	ug/Kg
120-83-2	2,4-Dichlorophenol	230	U	230	250	1000	ug/Kg
91-20-3	Naphthalene	200	U	200	250	1000	ug/Kg
106-47-8	4-Chloroaniline	260	U	260	250	2000	ug/Kg
87-68-3	Hexachlorobutadiene	200	U	200	250	1000	ug/Kg
105-60-2	Caprolactam	710	U	710	490	2000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	170	U	170	250	1000	ug/Kg
90-12-0	1-Methylnaphthalene	240	U	240	250	1000	ug/Kg
91-57-6	2-Methylnaphthalene	220	U	220	250	1000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	470	U	470	490	2000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	260	U	260	250	1000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	250	U	250	250	1000	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC9DL			SDG No.:	BM092824
Lab Sample ID:	P3927-12DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.8
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
BM047704.D	5	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	290	U	290	250	1000	ug/Kg
91-58-7	2-Chloronaphthalene	270	U	270	250	1000	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	250	1000	ug/Kg
131-11-3	Dimethylphthalate	250	U	250	250	1000	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	250	1000	ug/Kg
208-96-8	Acenaphthylene	260	U	260	250	1000	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	490	2000	ug/Kg
83-32-9	Acenaphthene	240	U	240	250	1000	ug/Kg
51-28-5	2,4-Dinitrophenol	710	U	710	490	2000	ug/Kg
100-02-7	4-Nitrophenol	240	U	240	490	2000	ug/Kg
132-64-9	Dibenzofuran	270	U	270	250	1000	ug/Kg
121-14-2	2,4-Dinitrotoluene	160	U	160	250	1000	ug/Kg
84-66-2	Diethylphthalate	360	U	360	250	1000	ug/Kg
86-73-7	Fluorene	270	U	270	250	1000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	280	U	280	250	1000	ug/Kg
100-01-6	4-Nitroaniline	250	U	250	490	2000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	95	U	95	490	2000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	250	U	250	250	1000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	300	U	300	250	1000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	270	U	270	250	1000	ug/Kg
118-74-1	Hexachlorobenzene	300	U	300	250	1000	ug/Kg
1912-24-9	Atrazine	230	U	230	490	2000	ug/Kg
87-86-5	Pentachlorophenol	12000	D	520	490	2000	ug/Kg
85-01-8	Phenanthrene	260	U	260	250	1000	ug/Kg
608-93-5	Pentachlorobenzene	300	U	300	250	1000	ug/Kg
120-12-7	Anthracene	260	U	260	250	1000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	200	U	200	250	1000	ug/Kg
86-74-8	Carbazole	270	U	270	490	2000	ug/Kg
84-74-2	Di-n-butylphthalate	250	U	250	250	1000	ug/Kg
206-44-0	Fluoranthene	260	U	260	490	1000	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC9DL			SDG No.:	BM092824
Lab Sample ID:	P3927-12DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.8
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
BM047704.D	5	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	260	U	260	250	1000	ug/Kg
85-68-7	Butylbenzylphthalate	190	U	190	250	1000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	140	U	140	490	2000	ug/Kg
56-55-3	Benzo(a)anthracene	230	U	230	250	1000	ug/Kg
218-01-9	Chrysene	270	U	270	250	1000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	260	U	260	250	1000	ug/Kg
117-84-0	Di-n-octyl phthalate	200	U	200	490	2000	ug/Kg
205-99-2	Benzo(b)fluoranthene	250	U	250	250	1000	ug/Kg
207-08-9	Benzo(k)fluoranthene	270	U	270	250	1000	ug/Kg
50-32-8	Benzo(a)pyrene	250	U	250	250	1000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	220	U	220	250	1000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	220	U	220	250	1000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	210	U	210	250	1000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	690	JD	220	250	1000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.815		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	12.135		20-120		30	SPK: -40
4165-62-2	Phenol-d5	19.21		10-130		48	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.875		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.485		15-120		51	SPK: -40
190780-66-6	4-Methylphenol-d8	20.23		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	18.745		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.67		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	19.51		10-140		49	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.47		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.215		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	23.045		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	24.035		20-140		60	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC9DL			SDG No.:	BM092824
Lab Sample ID:	P3927-12DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.8
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
BM047704.D	5	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.435		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	22.765		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	24.575		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	21.825		10-140		55	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	182144	7.816				
1146-65-2	Naphthalene-d8	765366	10.61				
15067-26-2	Acenaphthene-d10	442876	14.445				
1517-22-2	Phenanthrene-d10	899999	17.186				
1719-03-5	Chrysene-d12	816493	21.409				
1520-96-3	Perylene-d12	931681	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.840	430	JD			5.84	
	(DEL) Alkane: Straight-Chain6.875	420	JD			6.875	
	(DEL) Alkane: Straight-Chain7.451	2400	JD			7.451	
	(DEL) Alkane: Straight-Chain8.357	570	JD			8.357	
	(DEL) Alkane: Straight-Chain8.592	590	JD			8.592	
000105-42-0	2-Hexanone, 4-methyl-	3500	JD			8.81	
	(DEL) Alkane: Straight-Chain9.051	2100	JD			9.051	
	unknown-01	520	JD			9.169	
042152-47-6	7-Methyl-1,6-octadiene	870	JD			13.028	
000119-61-9	Benzophenone	480	JD			15.798	
1010383-14-1	Carbonic acid, 2-ethylhexyl tetrad	1600	JD			22.174	
E966796	Total Alkanes	6500	D			99	ug/Kg

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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:	DDCA4DL			SDG No.:	BM092824
Lab Sample ID:	P3927-16DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.9
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
BM047705.D	2	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	31	U	31	15.7	160	ug/Kg
100-52-7	Benzaldehyde	180	U	180	200	780	ug/Kg
110-86-1	Pyridine	100	U	100	390	780	ug/Kg
108-95-2	Phenol	83	U	83	200	780	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	81	U	81	200	780	ug/Kg
95-57-8	2-Chlorophenol	67	U	67	100	400	ug/Kg
95-48-7	2-Methylphenol	71	U	71	200	780	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	64	U	64	200	780	ug/Kg
98-86-2	Acetophenone	90	U	90	200	780	ug/Kg
106-44-5	4-Methylphenol	76	U	76	200	780	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	69	U	69	100	400	ug/Kg
67-72-1	Hexachloroethane	55	U	55	100	400	ug/Kg
98-95-3	Nitrobenzene	86	U	86	100	400	ug/Kg
78-59-1	Isophorone	81	U	81	100	400	ug/Kg
88-75-5	2-Nitrophenol	76	U	76	100	400	ug/Kg
105-67-9	2,4-Dimethylphenol	67	U	67	100	400	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	90	U	90	100	400	ug/Kg
120-83-2	2,4-Dichlorophenol	93	U	93	100	400	ug/Kg
91-20-3	Naphthalene	81	U	81	100	400	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	100	780	ug/Kg
87-68-3	Hexachlorobutadiene	81	U	81	100	400	ug/Kg
105-60-2	Caprolactam	290	U	290	200	780	ug/Kg
59-50-7	4-Chloro-3-methylphenol	67	U	67	100	400	ug/Kg
90-12-0	1-Methylnaphthalene	98	U	98	100	400	ug/Kg
91-57-6	2-Methylnaphthalene	88	U	88	100	400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	190	U	190	200	780	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	U	100	100	400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	100	400	ug/Kg

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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:	DDCA4DL			SDG No.:	BM092824
Lab Sample ID:	P3927-16DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.9
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
BM047705.D	2	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	110	U	110	100	400	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	100	400	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	100	400	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	100	400	ug/Kg
606-20-2	2,6-Dinitrotoluene	50	U	50	100	400	ug/Kg
208-96-8	Acenaphthylene	100	U	100	100	400	ug/Kg
99-09-2	3-Nitroaniline	48	U	48	200	780	ug/Kg
83-32-9	Acenaphthene	98	U	98	100	400	ug/Kg
51-28-5	2,4-Dinitrophenol	290	U	290	200	780	ug/Kg
100-02-7	4-Nitrophenol	98	U	98	200	780	ug/Kg
132-64-9	Dibenzofuran	110	U	110	100	400	ug/Kg
121-14-2	2,4-Dinitrotoluene	64	U	64	100	400	ug/Kg
84-66-2	Diethylphthalate	140	U	140	100	400	ug/Kg
86-73-7	Fluorene	110	U	110	100	400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	100	400	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	200	780	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	200	780	ug/Kg
86-30-6	N-Nitrosodiphenylamine	100	U	100	100	400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	100	400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	100	400	ug/Kg
118-74-1	Hexachlorobenzene	120	U	120	100	400	ug/Kg
1912-24-9	Atrazine	93	U	93	200	780	ug/Kg
87-86-5	Pentachlorophenol	6400	D	210	200	780	ug/Kg
85-01-8	Phenanthrene	100	U	100	100	400	ug/Kg
608-93-5	Pentachlorobenzene	120	U	120	100	400	ug/Kg
120-12-7	Anthracene	100	U	100	100	400	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	78	U	78	100	400	ug/Kg
86-74-8	Carbazole	110	U	110	200	780	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	100	400	ug/Kg
206-44-0	Fluoranthene	100	U	100	200	400	ug/Kg

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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:	DDCA4DL			SDG No.:	BM092824
Lab Sample ID:	P3927-16DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.9
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
BM047705.D	2	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	100	U	100	100	400	ug/Kg
85-68-7	Butylbenzylphthalate	76	U	76	100	400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55	U	55	200	780	ug/Kg
56-55-3	Benzo(a)anthracene	93	U	93	100	400	ug/Kg
218-01-9	Chrysene	110	U	110	100	400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	U	100	100	400	ug/Kg
117-84-0	Di-n-octyl phthalate	81	U	81	200	780	ug/Kg
205-99-2	Benzo(b)fluoranthene	100	U	100	100	400	ug/Kg
207-08-9	Benzo(k)fluoranthene	110	U	110	100	400	ug/Kg
50-32-8	Benzo(a)pyrene	100	U	100	100	400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	88	U	88	100	400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	88	U	88	100	400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	83	U	83	100	400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	88	U	88	100	400	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.934		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	14.218		20-120		36	SPK: -40
4165-62-2	Phenol-d5	15.17		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.55		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.238		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	15.31		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	15.5		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.478		10-120		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.79		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.416		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	19.626		10-145		49	SPK: -40
93951-97-4	Acenaphthylene-d8	18.03		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.908		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	19.138		20-140		48	SPK: -40

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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:	DDCA4DL			SDG No.:	BM092824
Lab Sample ID:	P3927-16DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.9
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
BM047705.D	2	9/16/2024 12:00:00 AM	9/28/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.366		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	18.436		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	20.826		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.342		10-140		48	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	193397	7.816				
1146-65-2	Naphthalene-d8	780929	10.61				
15067-26-2	Acenaphthene-d10	461242	14.445				
1517-22-2	Phenanthrene-d10	945976	17.186				
1719-03-5	Chrysene-d12	845114	21.409				
1520-96-3	Perylene-d12	970875	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	170	JD			15.798	
E966796	Total Alkanes	110	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC81DL			SDG No.:	BM092824
Lab Sample ID:	P3927-03DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047706.D	10	9/16/2024 12:00:00 AM	9/29/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	150	U	150	77.6	780	ug/Kg
100-52-7	Benzaldehyde	880	U	880	970	3900	ug/Kg
110-86-1	Pyridine	510	U	510	1900	3900	ug/Kg
108-95-2	Phenol	410	U	410	970	3900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	400	U	400	970	3900	ug/Kg
95-57-8	2-Chlorophenol	330	U	330	500	2000	ug/Kg
95-48-7	2-Methylphenol	350	U	350	970	3900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	320	U	320	970	3900	ug/Kg
98-86-2	Acetophenone	450	U	450	970	3900	ug/Kg
106-44-5	4-Methylphenol	380	U	380	970	3900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	340	U	340	500	2000	ug/Kg
67-72-1	Hexachloroethane	270	U	270	500	2000	ug/Kg
98-95-3	Nitrobenzene	420	U	420	500	2000	ug/Kg
78-59-1	Isophorone	400	U	400	500	2000	ug/Kg
88-75-5	2-Nitrophenol	380	U	380	500	2000	ug/Kg
105-67-9	2,4-Dimethylphenol	330	U	330	500	2000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	450	U	450	500	2000	ug/Kg
120-83-2	2,4-Dichlorophenol	460	U	460	500	2000	ug/Kg
91-20-3	Naphthalene	400	U	400	500	2000	ug/Kg
106-47-8	4-Chloroaniline	510	U	510	500	3900	ug/Kg
87-68-3	Hexachlorobutadiene	400	U	400	500	2000	ug/Kg
105-60-2	Caprolactam	1400	U	1400	970	3900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	330	U	330	500	2000	ug/Kg
90-12-0	1-Methylnaphthalene	480	U	480	500	2000	ug/Kg
91-57-6	2-Methylnaphthalene	430	U	430	500	2000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	930	U	930	970	3900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	510	U	510	500	2000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	490	U	490	500	2000	ug/Kg

Alliance TECHNICAL GROUP
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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC81DL			SDG No.:	BM092824
Lab Sample ID:	P3927-03DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047706.D	10	9/16/2024 12:00:00 AM	9/29/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	560	U	560	500	2000	ug/Kg
91-58-7	2-Chloronaphthalene	530	U	530	500	2000	ug/Kg
88-74-4	2-Nitroaniline	260	U	260	500	2000	ug/Kg
131-11-3	Dimethylphthalate	490	U	490	500	2000	ug/Kg
606-20-2	2,6-Dinitrotoluene	250	U	250	500	2000	ug/Kg
208-96-8	Acenaphthylene	510	U	510	500	2000	ug/Kg
99-09-2	3-Nitroaniline	240	U	240	970	3900	ug/Kg
83-32-9	Acenaphthene	480	U	480	500	2000	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	970	3900	ug/Kg
100-02-7	4-Nitrophenol	480	U	480	970	3900	ug/Kg
132-64-9	Dibenzofuran	540	U	540	500	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	320	U	320	500	2000	ug/Kg
84-66-2	Diethylphthalate	710	U	710	500	2000	ug/Kg
86-73-7	Fluorene	530	U	530	500	2000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	550	U	550	500	2000	ug/Kg
100-01-6	4-Nitroaniline	490	U	490	970	3900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	970	3900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	490	U	490	500	2000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	600	U	600	500	2000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	530	U	530	500	2000	ug/Kg
118-74-1	Hexachlorobenzene	590	U	590	500	2000	ug/Kg
1912-24-9	Atrazine	460	U	460	970	3900	ug/Kg
87-86-5	Pentachlorophenol	72000	ED	1000	970	3900	ug/Kg
85-01-8	Phenanthrene	520	U	520	500	2000	ug/Kg
608-93-5	Pentachlorobenzene	600	U	600	500	2000	ug/Kg
120-12-7	Anthracene	510	U	510	500	2000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	390	U	390	500	2000	ug/Kg
86-74-8	Carbazole	530	U	530	970	3900	ug/Kg
84-74-2	Di-n-butylphthalate	490	U	490	500	2000	ug/Kg
206-44-0	Fluoranthene	520	U	520	970	2000	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC81DL			SDG No.:	BM092824
Lab Sample ID:	P3927-03DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047706.D	10	9/16/2024 12:00:00 AM	9/29/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	520	U	520	500	2000	ug/Kg
85-68-7	Butylbenzylphthalate	380	U	380	500	2000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	270	U	270	970	3900	ug/Kg
56-55-3	Benzo(a)anthracene	460	U	460	500	2000	ug/Kg
218-01-9	Chrysene	530	U	530	500	2000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	520	U	520	500	2000	ug/Kg
117-84-0	Di-n-octyl phthalate	400	U	400	970	3900	ug/Kg
205-99-2	Benzo(b)fluoranthene	490	U	490	500	2000	ug/Kg
207-08-9	Benzo(k)fluoranthene	530	U	530	500	2000	ug/Kg
50-32-8	Benzo(a)pyrene	490	U	490	500	2000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	430	U	430	500	2000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	430	U	430	500	2000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	410	U	410	500	2000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	7300	D	430	500	2000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.04		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	3.4	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	15.21		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	17.18		10-150		43	SPK: -40
93951-73-6	2-Chlorophenol-d4	16.48		15-120		41	SPK: -40
190780-66-6	4-Methylphenol-d8	15.81		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	13.08		10-135		33	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.84		10-120		32	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.76		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.99		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.1		10-145		50	SPK: -40
93951-97-4	Acenaphthylene-d8	17.91		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	20.2		20-140		50	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/5/2024 12:00:00 AM
Project:				Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDC81DL			SDG No.:	BM092824
Lab Sample ID:	P3927-03DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.2
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047706.D	10	9/16/2024 12:00:00 AM	9/29/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.07		10-130		20	SPK: -40
1719-06-8	Anthracene-d10	17.95		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	20.17		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.1		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	216159	7.816				
1146-65-2	Naphthalene-d8	915754	10.61				
15067-26-2	Acenaphthene-d10	542565	14.451				
1517-22-2	Phenanthrene-d10	1142802	17.186				
1719-03-5	Chrysene-d12	1054679	21.409				
1520-96-3	Perylene-d12	1202292	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
000103-65-1	Benzene, propyl-	1100	JD			6.804	
000620-14-4	Benzene, 1-ethyl-3-methyl-	1700	JD			6.91	
000526-73-8	Benzene, 1,2,3-trimethyl-	960	JD			7.046	
000611-14-3	Benzene, 1-ethyl-2-methyl-	1000	JD			7.21	
000108-67-8	Mesitylene	3500	JD			7.463	
000095-63-6	Benzene, 1,2,4-trimethyl-	960	JD			7.934	
	unknown-01	930	JD			8.293	
	(DEL) Alkane: Straight-Chain8.357	840	JD			8.357	
	unknown-02	1200	JD			8.816	
	(DEL) Alkane: Straight-Chain9.051	1700	JD			9.051	
	unknown-03	1000	JD			11.122	
033083-83-9	5-Undecanone	1400	JD			12.445	
	unknown-04	810	JD			13.504	
	(DEL) Alkane: Straight-Chain16.951	930	JD			16.951	
E966796	Total Alkanes	3500	D			99	ug/Kg

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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:	DDCA5DL			SDG No.:	BM092824
Lab Sample ID:	P3927-17DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.9
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
BM047707.D	30	9/16/2024 12:00:00 AM	9/29/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	460	U	460	230	2300	ug/Kg
100-52-7	Benzaldehyde	2600	U	2600	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	980	U	980	1500	6000	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	2900	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	950	U	950	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	980	U	980	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	4200	U	4200	2900	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	980	U	980	1500	6000	ug/Kg
90-12-0	1-Methylnaphthalene	1400	U	1400	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

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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:	DDCA5DL			SDG No.:	BM092824
Lab Sample ID:	P3927-17DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.9
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
BM047707.D	30	9/16/2024 12:00:00 AM	9/29/2024 12:00:00 AM	PB163431

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	770	U	770	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	700	U	700	2900	12000	ug/Kg
83-32-9	Acenaphthene	1400	U	1400	1500	6000	ug/Kg
51-28-5	2,4-Dinitrophenol	4200	U	4200	2900	12000	ug/Kg
100-02-7	4-Nitrophenol	1400	U	1400	2900	12000	ug/Kg
132-64-9	Dibenzofuran	1600	U	1600	1500	6000	ug/Kg
121-14-2	2,4-Dinitrotoluene	950	U	950	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	560	U	560	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	89000	D	3100	2900	12000	ug/Kg
85-01-8	Phenanthrene	1500	U	1500	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	1500	U	1500	2900	6000	ug/Kg

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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:	DDCA5DL			SDG No.:	BM092824
Lab Sample ID:	P3927-17DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.9
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
BM047707.D	30	9/16/2024 12:00:00 AM	9/29/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1500	U	1500	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	1500	U	1500	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	1300	U	1300	1500	6000	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	18.93		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.92		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.62		15-120		49	SPK: -40
190780-66-6	4-Methylphenol-d8	17.31		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	19.11		10-135		48	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.98		10-120		42	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.91		10-140		45	SPK: -40
191656-33-4	4-Chloroaniline-d4	18		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.38		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	26.28		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	27.51		20-140		69	SPK: -40

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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:	DDCA5DL			SDG No.:	BM092824
Lab Sample ID:	P3927-17DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.9
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
BM047707.D	30	9/16/2024 12:00:00 AM	9/29/2024 12:00:00 AM	PB163431

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	26.01		10-150		65	SPK: -40
1718-52-1	Pyrene-d10	28.62		10-130		72	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.29		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	187195	7.816				
1146-65-2	Naphthalene-d8	722453	10.61				
15067-26-2	Acenaphthene-d10	433884	14.445				
1517-22-2	Phenanthrene-d10	911777	17.186				
1719-03-5	Chrysene-d12	818742	21.409				
1520-96-3	Perylene-d12	935009	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
025103-09-7	Isooctyl mercaptoacetate	8500	JD			14.357	
E966796	Total Alkanes	1700	U			99	ug/Kg

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Fax : 908 789 8922

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:	DDCA6DL			SDG No.:	BM092824
Lab Sample ID:	P3927-20DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047708.D	20	9/16/2024 12:00:00 AM	9/29/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	290	U	290	150	1500	ug/Kg
100-52-7	Benzaldehyde	1700	U	1700	1900	7400	ug/Kg
110-86-1	Pyridine	970	U	970	3700	7400	ug/Kg
108-95-2	Phenol	790	U	790	1900	7400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	770	U	770	1900	7400	ug/Kg
95-57-8	2-Chlorophenol	630	U	630	960	3800	ug/Kg
95-48-7	2-Methylphenol	680	U	680	1900	7400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	610	U	610	1900	7400	ug/Kg
98-86-2	Acetophenone	860	U	860	1900	7400	ug/Kg
106-44-5	4-Methylphenol	720	U	720	1900	7400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	650	U	650	960	3800	ug/Kg
67-72-1	Hexachloroethane	520	U	520	960	3800	ug/Kg
98-95-3	Nitrobenzene	810	U	810	960	3800	ug/Kg
78-59-1	Isophorone	770	U	770	960	3800	ug/Kg
88-75-5	2-Nitrophenol	720	U	720	960	3800	ug/Kg
105-67-9	2,4-Dimethylphenol	630	U	630	960	3800	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	860	U	860	960	3800	ug/Kg
120-83-2	2,4-Dichlorophenol	880	U	880	960	3800	ug/Kg
91-20-3	Naphthalene	770	U	770	960	3800	ug/Kg
106-47-8	4-Chloroaniline	970	U	970	960	7400	ug/Kg
87-68-3	Hexachlorobutadiene	770	U	770	960	3800	ug/Kg
105-60-2	Caprolactam	2700	U	2700	1900	7400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	630	U	630	960	3800	ug/Kg
90-12-0	1-Methylnaphthalene	920	U	920	960	3800	ug/Kg
91-57-6	2-Methylnaphthalene	830	U	830	960	3800	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1800	U	1800	1900	7400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	970	U	970	960	3800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	950	U	950	960	3800	ug/Kg

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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:	DDCA6DL			SDG No.:	BM092824
Lab Sample ID:	P3927-20DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047708.D	20	9/16/2024 12:00:00 AM	9/29/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100	U	1100	960	3800	ug/Kg
91-58-7	2-Chloronaphthalene	1000	U	1000	960	3800	ug/Kg
88-74-4	2-Nitroaniline	500	U	500	960	3800	ug/Kg
131-11-3	Dimethylphthalate	950	U	950	960	3800	ug/Kg
606-20-2	2,6-Dinitrotoluene	470	U	470	960	3800	ug/Kg
208-96-8	Acenaphthylene	970	U	970	960	3800	ug/Kg
99-09-2	3-Nitroaniline	450	U	450	1900	7400	ug/Kg
83-32-9	Acenaphthene	920	U	920	960	3800	ug/Kg
51-28-5	2,4-Dinitrophenol	2700	U	2700	1900	7400	ug/Kg
100-02-7	4-Nitrophenol	920	U	920	1900	7400	ug/Kg
132-64-9	Dibenzofuran	1000	U	1000	960	3800	ug/Kg
121-14-2	2,4-Dinitrotoluene	610	U	610	960	3800	ug/Kg
84-66-2	Diethylphthalate	1400	U	1400	960	3800	ug/Kg
86-73-7	Fluorene	1000	U	1000	960	3800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100	U	1100	960	3800	ug/Kg
100-01-6	4-Nitroaniline	950	U	950	1900	7400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	360	U	360	1900	7400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	950	U	950	960	3800	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100	U	1100	960	3800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000	U	1000	960	3800	ug/Kg
118-74-1	Hexachlorobenzene	1100	U	1100	960	3800	ug/Kg
1912-24-9	Atrazine	880	U	880	1900	7400	ug/Kg
87-86-5	Pentachlorophenol	40000	D	2000	1900	7400	ug/Kg
85-01-8	Phenanthrene	990	U	990	960	3800	ug/Kg
608-93-5	Pentachlorobenzene	1100	U	1100	960	3800	ug/Kg
120-12-7	Anthracene	970	U	970	960	3800	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	740	U	740	960	3800	ug/Kg
86-74-8	Carbazole	1000	U	1000	1900	7400	ug/Kg
84-74-2	Di-n-butylphthalate	950	U	950	960	3800	ug/Kg
206-44-0	Fluoranthene	990	U	990	1900	3800	ug/Kg

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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:	DDCA6DL			SDG No.:	BM092824
Lab Sample ID:	P3927-20DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047708.D	20	9/16/2024 12:00:00 AM	9/29/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	990	U	990	960	3800	ug/Kg
85-68-7	Butylbenzylphthalate	720	U	720	960	3800	ug/Kg
91-94-1	3,3-Dichlorobenzidine	520	U	520	1900	7400	ug/Kg
56-55-3	Benzo(a)anthracene	880	U	880	960	3800	ug/Kg
218-01-9	Chrysene	1000	U	1000	960	3800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	990	U	990	960	3800	ug/Kg
117-84-0	Di-n-octyl phthalate	770	U	770	1900	7400	ug/Kg
205-99-2	Benzo(b)fluoranthene	950	U	950	960	3800	ug/Kg
207-08-9	Benzo(k)fluoranthene	1000	U	1000	960	3800	ug/Kg
50-32-8	Benzo(a)pyrene	950	U	950	960	3800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	830	U	830	960	3800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	830	U	830	960	3800	ug/Kg
191-24-2	Benzo(g,h,i)perylene	790	U	790	960	3800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3000	JD	830	960	3800	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.56		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	6.8	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	13.9		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.68		10-150		42	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.78		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	15.16		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	14.56		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.46		10-120		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.2		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.04		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.74		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	18.48		15-120		46	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	21.14		20-140		53	SPK: -40

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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:	DDCA6DL			SDG No.:	BM092824
Lab Sample ID:	P3927-20DL			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	11.2
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047708.D	20	9/16/2024 12:00:00 AM	9/29/2024 12:00:00 AM	PB163431

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	19.44		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	20.44		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.08		10-140		43	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	157432	7.816				
1146-65-2	Naphthalene-d8	619919	10.61				
15067-26-2	Acenaphthene-d10	364009	14.445				
1517-22-2	Phenanthrene-d10	750049	17.186				
1719-03-5	Chrysene-d12	671080	21.409				
1520-96-3	Perylene-d12	765159	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain6.981	1700	JD			6.981	
004860-03-1	Hexadecane, 1-chloro-	5100	JD			7.451	
000104-76-7	1-Hexanol, 2-ethyl-	2200	JD			7.881	
	(DEL) Alkane: Straight-Chain9.051	4000	JD			9.051	
007659-86-1	2-Ethylhexyl mercaptoacetate	12000	JD			14.357	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	1600	JD			15.21	
	(DEL) Alkane: Straight-Chain15.304	1600	JD			15.304	
E966796	Total Alkanes	7300	D			99	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BM092824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**DDC33ME**								
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Cyclic12.074	*	2,700.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Cyclic8.116	*	6,500.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain11.1	*	3,100.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain12.(	*	6,400.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain12.8	*	6,100.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain12.9	*	6,100.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain13.2	*	25,000.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain14.3	*	55,000.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain14.9	*	5,800.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain15.3	*	26,000.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain15.7	*	8,800.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain16.1	*	22,000.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain16.1	*	6,300.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain16.9	*	14,000.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain17.(	*	11,000.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain17.6	*	13,000.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain18.3	*	9,900.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain19.(	*	9,600.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain20.1	*	6,500.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain22.1	*	6,600.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain5.84	*	27,000.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain6.31	*	6,500.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain6.38	*	7,800.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain6.72	*	5,600.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain6.81	*	11,000.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain6.87	*	13,000.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain7.45	*	83,000.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain8.35	*	16,000.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain8.41	*	8,300.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain8.59	*	13,000.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain9.05	*	66,000.000	J			
P3910-13ME	DDC33ME	Solid	(DEL) Alkane: Straight-Chain9.90	*	2,800.000	J			
P3910-13ME	DDC33ME	Solid	1,1-Hexylenedioxybutane	*	9,800.000	J			
P3910-13ME	DDC33ME	Solid	1-Hexanol, 2-ethyl-	*	31,000.000	J			
P3910-13ME	DDC33ME	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane	*	6,700.000	J			
P3910-13ME	DDC33ME	Solid	2-Heptanone, 4,6-dimethyl-	*	9,500.000	J			
P3910-13ME	DDC33ME	Solid	9,9-Dimethyl-9-sila-9,10-dihydro	*	5,400.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BM092824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3910-13ME	DDC33ME	Solid	Benzene, 1,2,3-trimethyl-	*	7,400.000	J			
P3910-13ME	DDC33ME	Solid	Benzene, 1,3,5-trimethyl-2-(1-met	*	4,000.000	J			
P3910-13ME	DDC33ME	Solid	Benzene, 1,4-diethyl-	*	10,000.000	J			
P3910-13ME	DDC33ME	Solid	Benzene, 1-ethyl-2-methyl-	*	7,000.000	J			
P3910-13ME	DDC33ME	Solid	Benzene, 1-ethyl-3-methyl-	*	9,200.000	J			
P3910-13ME	DDC33ME	Solid	Benzene, 1-methyl-4-propyl-	*	7,400.000	J			
P3910-13ME	DDC33ME	Solid	Benzophenone	*	8,100.000	J			
P3910-13ME	DDC33ME	Solid	Cyclohexanone, 2,3-dimethyl-	*	8,500.000	J			
P3910-13ME	DDC33ME	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	16,000.000	J			
P3910-13ME	DDC33ME	Solid	Mesitylene	*	6,600.000	J			
P3910-13ME	DDC33ME	Solid	Naphthalene, 2,3,6-trimethyl-	*	13,000.000	J			
P3910-13ME	DDC33ME	Solid	Naphthalene, 2,3-dimethyl-	*	5,900.000	J			
P3910-13ME	DDC33ME	Solid	o-Cymene	*	9,400.000	J			
P3910-13ME	DDC33ME	Solid	Oxalic acid, 2-ethylhexyl hexyl es	*	3,300.000	J			
P3910-13ME	DDC33ME	Solid	Oxalic acid, 2-ethylhexyl isohexyl	*	12,000.000	J			
P3910-13ME	DDC33ME	Solid	Oxirane, 2,3-bis(1-methylethyl)-,	*	3,800.000	J			
P3910-13ME	DDC33ME	Solid	Pentadecanoic acid, 14-methyl-, n	*	6,100.000	J			
P3910-13ME	DDC33ME	Solid	Propanoic acid, 2-methyl-, 2-ethyl	*	6,300.000	J			
P3910-13ME	DDC33ME	Solid	Tetradecane, 1-iodo-	*	11,000.000	J			
P3910-13ME	DDC33ME	Solid	unknown-01	*	7,600.000	J			
P3910-13ME	DDC33ME	Solid	unknown-02	*	15,000.000	J			
P3910-13ME	DDC33ME	Solid	unknown-03	*	6,400.000	J			
P3910-13ME	DDC33ME	Solid	unknown-04	*	7,900.000	J			
P3910-13ME	DDC33ME	Solid	Total Alkanes	*	510,000.000		1700	6000	ug/Kg
			Total Tics :		**1,274,700.00**				
P3910-13ME	DDC33ME	Solid	1-Methylnaphthalene		5,000.000	J	1400	6000	ug/Kg
P3910-13ME	DDC33ME	Solid	2,3,4,6-Tetrachlorophenol		60,000.000		1400	6000	ug/Kg
P3910-13ME	DDC33ME	Solid	2-Methylnaphthalene		8,800.000		1400	6000	ug/Kg
P3910-13ME	DDC33ME	Solid	Naphthalene		4,000.000	J	1200	6000	ug/Kg
P3910-13ME	DDC33ME	Solid	Pentachlorophenol		770,000.000	E	3000	12000	ug/Kg
			Total Svoc :		**847,800.00**				
			Total Concentration:		**2,122,500.00**				
Client ID :	**DDC33MEDL**								
P3910-13MEDL	DDC33MEDL	Solid	(DEL) Alkane: Straight-Chain12.(	*	26,000.000	JD			
P3910-13MEDL	DDC33MEDL	Solid	(DEL) Alkane: Straight-Chain12.2	*	29,000.000	JD			
P3910-13MEDL	DDC33MEDL	Solid	(DEL) Alkane: Straight-Chain13.2	*	25,000.000	JD			
P3910-13MEDL	DDC33MEDL	Solid	(DEL) Alkane: Straight-Chain14.3	*	54,000.000	JD			
P3910-13MEDL	DDC33MEDL	Solid	(DEL) Alkane: Straight-Chain15.3	*	25,000.000	JD			
P3910-13MEDL	DDC33MEDL	Solid	(DEL) Alkane: Straight-Chain5.84	*	52,000.000	JD			
P3910-13MEDL	DDC33MEDL	Solid	(DEL) Alkane: Straight-Chain7.45	*	150,000.000	JD			

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Hit Summary Sheet
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SDG No.: BM092824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3910-13MEDL	DDC33MEDL	Solid	(DEL) Alkane: Straight-Chain8.3	*	28,000.000	JD			
P3910-13MEDL	DDC33MEDL	Solid	(DEL) Alkane: Straight-Chain9.0	*	130,000.000	JD			
P3910-13MEDL	DDC33MEDL	Solid	1-Hexanol, 2-ethyl-	*	52,000.000	JD			
P3910-13MEDL	DDC33MEDL	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane	*	26,000.000	JD			
P3910-13MEDL	DDC33MEDL	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	29,000.000	JD			
P3910-13MEDL	DDC33MEDL	Solid	Oxalic acid, cyclohexyl decyl este	*	24,000.000	JD			
P3910-13MEDL	DDC33MEDL	Solid	unknown-01	*	27,000.000	JD			
P3910-13MEDL	DDC33MEDL	Solid	Total Alkanes	*	520,000.000	D	17000	60000	ug/Kg
			Total Tics :		**1,197,000.00**				
P3910-13MEDL	DDC33MEDL	Solid	2,3,4,6-Tetrachlorophenol		54,000.000	JD	14000	60000	ug/Kg
P3910-13MEDL	DDC33MEDL	Solid	Pentachlorophenol		690,000.000	D	30000	120000	ug/Kg
			Total Svoc :		**744,000.00**				
			Total Concentration:		**1,941,000.00**				
Client ID :	**DDC65ME**								
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Cyclic6.463	*	9,800.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Cyclic8.116	*	9,400.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Cyclic9.763	*	3,300.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain10.0	*	2,900.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain12.0	*	9,300.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain13.0	*	24,000.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain13.9	*	39,000.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain14.9	*	24,000.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain15.3	*	84,000.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain15.7	*	37,000.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain16.1	*	61,000.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain16.9	*	39,000.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain17.0	*	29,000.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain17.6	*	38,000.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain18.3	*	28,000.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain19.0	*	27,000.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain20.1	*	20,000.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain21.0	*	37,000.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain22.1	*	21,000.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain5.84	*	30,000.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain6.38	*	9,300.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain6.82	*	14,000.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain6.87	*	16,000.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain7.45	*	110,000.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain7.74	*	9,700.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain8.41	*	13,000.000	J			

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Hit Summary Sheet
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SDG No.: BM092824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain8.5	*	19,000.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain9.0	*	93,000.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain9.6	*	2,800.000	J			
P3910-19ME	DDC65ME	Solid	(DEL) Alkane: Straight-Chain9.9	*	4,700.000	J			
P3910-19ME	DDC65ME	Solid	1-Hexanol, 2-ethyl-	*	42,000.000	J			
P3910-19ME	DDC65ME	Solid	2-Heptanone, 4,6-dimethyl-	*	24,000.000	J			
P3910-19ME	DDC65ME	Solid	9,9-Dimethyl-9-sila-9,10-dihydro	*	17,000.000	J			
P3910-19ME	DDC65ME	Solid	Benzene, 1,2,3-trimethyl-	*	9,500.000	J			
P3910-19ME	DDC65ME	Solid	Benzene, 1,4-diethyl-	*	14,000.000	J			
P3910-19ME	DDC65ME	Solid	Benzene, 1-ethyl-2-methyl-	*	14,000.000	J			
P3910-19ME	DDC65ME	Solid	Benzene, 1-ethyl-4-methyl-	*	11,000.000	J			
P3910-19ME	DDC65ME	Solid	Benzene, 1-methyl-3-propyl-	*	24,000.000	J			
P3910-19ME	DDC65ME	Solid	Benzene, 1-methyl-4-propyl-	*	12,000.000	J			
P3910-19ME	DDC65ME	Solid	Butanoic acid, butyl ester	*	19,000.000	J			
P3910-19ME	DDC65ME	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	11,000.000	J			
P3910-19ME	DDC65ME	Solid	Hexadecanoic acid, methyl ester	*	19,000.000	J			
P3910-19ME	DDC65ME	Solid	Hexanoic acid, 2-ethyl-	*	38,000.000	J			
P3910-19ME	DDC65ME	Solid	Mesitylene	*	10,000.000	J			
P3910-19ME	DDC65ME	Solid	Naphthalene, 2,3,6-trimethyl-	*	70,000.000	J			
P3910-19ME	DDC65ME	Solid	Naphthalene, 2,3-dimethyl-	*	25,000.000	J			
P3910-19ME	DDC65ME	Solid	o-Cymene	*	12,000.000	J			
P3910-19ME	DDC65ME	Solid	Oxalic acid, cyclohexyl decyl este	*	31,000.000	J			
P3910-19ME	DDC65ME	Solid	Propanoic acid, 2-methyl-, 2-meth	*	30,000.000	J			
P3910-19ME	DDC65ME	Solid	Sulfurous acid, 2-ethylhexyl nony	*	170,000.000	J			
P3910-19ME	DDC65ME	Solid	unknown-01	*	15,000.000	J			
P3910-19ME	DDC65ME	Solid	unknown-02	*	9,800.000	J			
P3910-19ME	DDC65ME	Solid	unknown-03	*	28,000.000	J			
P3910-19ME	DDC65ME	Solid	unknown-04	*	25,000.000	J			
P3910-19ME	DDC65ME	Solid	unknown-05	*	19,000.000	J			
P3910-19ME	DDC65ME	Solid	unknown-06	*	37,000.000	J			
P3910-19ME	DDC65ME	Solid	unknown-07	*	25,000.000	J			
P3910-19ME	DDC65ME	Solid	unknown-08	*	24,000.000	J			
P3910-19ME	DDC65ME	Solid	unknown-09	*	20,000.000	J			
P3910-19ME	DDC65ME	Solid	unknown-10	*	21,000.000	J			
P3910-19ME	DDC65ME	Solid	Total Alkanes	*	860,000.000		1700	6200	ug/Kg
			Total Tics :		**2,550,500.00**				
P3910-19ME	DDC65ME	Solid	1,1-Biphenyl		2,300.000	J	1700	6200	ug/Kg
P3910-19ME	DDC65ME	Solid	1-Methylnaphthalene		16,000.000		1500	6200	ug/Kg
P3910-19ME	DDC65ME	Solid	2,3,4,6-Tetrachlorophenol		240,000.000	E	1500	6200	ug/Kg
P3910-19ME	DDC65ME	Solid	2-Methylnaphthalene		28,000.000		1500	6200	ug/Kg

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Hit Summary Sheet
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SDG No.: BM092824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3910-19ME	DDC65ME	Solid	Naphthalene		12,000.000		1200	6200	ug/Kg
P3910-19ME	DDC65ME	Solid	Pentachlorophenol		2,000,000.000	E	3100	12000	ug/Kg
P3910-19ME	DDC65ME	Solid	Phenanthrene		4,500.000	J	1700	6200	ug/Kg
			Total Svoc :		**2,302,800.00**				
			Total Concentration:		**4,853,300.00**				
Client ID : DDC65MEDL									
P3910-19MEDL	DDC65MEDL	Solid	(DEL) Alkane: Straight-Chain12.(	*	60,000.000	JD			
P3910-19MEDL	DDC65MEDL	Solid	(DEL) Alkane: Straight-Chain13.2	*	82,000.000	JD			
P3910-19MEDL	DDC65MEDL	Solid	(DEL) Alkane: Straight-Chain14.3	*	180,000.000	JD			
P3910-19MEDL	DDC65MEDL	Solid	(DEL) Alkane: Straight-Chain15.3	*	85,000.000	JD			
P3910-19MEDL	DDC65MEDL	Solid	(DEL) Alkane: Straight-Chain16.1	*	60,000.000	JD			
P3910-19MEDL	DDC65MEDL	Solid	(DEL) Alkane: Straight-Chain16.9	*	53,000.000	JD			
P3910-19MEDL	DDC65MEDL	Solid	(DEL) Alkane: Straight-Chain5.84	*	110,000.000	JD			
P3910-19MEDL	DDC65MEDL	Solid	(DEL) Alkane: Straight-Chain6.81	*	54,000.000	JD			
P3910-19MEDL	DDC65MEDL	Solid	(DEL) Alkane: Straight-Chain6.87	*	59,000.000	JD			
P3910-19MEDL	DDC65MEDL	Solid	(DEL) Alkane: Straight-Chain7.45	*	410,000.000	JD			
P3910-19MEDL	DDC65MEDL	Solid	(DEL) Alkane: Straight-Chain8.35	*	69,000.000	JD			
P3910-19MEDL	DDC65MEDL	Solid	(DEL) Alkane: Straight-Chain8.59	*	73,000.000	JD			
P3910-19MEDL	DDC65MEDL	Solid	(DEL) Alkane: Straight-Chain9.05	*	350,000.000	JD			
P3910-19MEDL	DDC65MEDL	Solid	1,1-Hexylenedioxybutane	*	110,000.000	JD			
P3910-19MEDL	DDC65MEDL	Solid	1-Hexanol, 2-ethyl-	*	110,000.000	JD			
P3910-19MEDL	DDC65MEDL	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane	*	70,000.000	JD			
P3910-19MEDL	DDC65MEDL	Solid	2-Heptanone, 4,6-dimethyl-	*	79,000.000	JD			
P3910-19MEDL	DDC65MEDL	Solid	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-	*	67,000.000	JD			
P3910-19MEDL	DDC65MEDL	Solid	9-Methyl-S-octahydroanthracene	*	52,000.000	JD			
P3910-19MEDL	DDC65MEDL	Solid	n-Butyric acid 2-ethylhexyl ester	*	78,000.000	JD			
P3910-19MEDL	DDC65MEDL	Solid	unknown-01	*	70,000.000	JD			
P3910-19MEDL	DDC65MEDL	Solid	Total Alkanes	*	1,600,000.000	D	35000	120000	ug/Kg
			Total Tics :		**3,881,000.00**				
P3910-19MEDL	DDC65MEDL	Solid	2,3,4,6-Tetrachlorophenol		180,000.000	D	30000	120000	ug/Kg
P3910-19MEDL	DDC65MEDL	Solid	Pentachlorophenol		2,400,000.000	D	62000	250000	ug/Kg
			Total Svoc :		**2,580,000.00**				
			Total Concentration:		**6,461,000.00**				
Client ID : DDC80DL									
P3927-02DL	DDC80DL	Solid	Total Alkanes	*	0.000	D	550	1900	ug/Kg
			Total Tics :		**0.00**				
P3927-02DL	DDC80DL	Solid	2,3,4,6-Tetrachlorophenol		520.000	JD	420	1900	ug/Kg
P3927-02DL	DDC80DL	Solid	Pentachlorophenol		21,000.000	D	990	3800	ug/Kg
			Total Svoc :		**21,520.00**				

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Hit Summary Sheet
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SDG No.: BM092824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Concentration:		**21,520.00**				
Client ID :	**DDC81DL**								
P3927-03DL	DDC81DL	Solid	(DEL) Alkane: Straight-Chain16.9	*	930.000	JD			
P3927-03DL	DDC81DL	Solid	(DEL) Alkane: Straight-Chain8.35	*	840.000	JD			
P3927-03DL	DDC81DL	Solid	(DEL) Alkane: Straight-Chain9.05	*	1,700.000	JD			
P3927-03DL	DDC81DL	Solid	5-Undecanone	*	1,400.000	JD			
P3927-03DL	DDC81DL	Solid	Benzene, 1,2,3-trimethyl-	*	960.000	JD			
P3927-03DL	DDC81DL	Solid	Benzene, 1,2,4-trimethyl-	*	960.000	JD			
P3927-03DL	DDC81DL	Solid	Benzene, 1-ethyl-2-methyl-	*	1,000.000	JD			
P3927-03DL	DDC81DL	Solid	Benzene, 1-ethyl-3-methyl-	*	1,700.000	JD			
P3927-03DL	DDC81DL	Solid	Benzene, propyl-	*	1,100.000	JD			
P3927-03DL	DDC81DL	Solid	Mesitylene	*	3,500.000	JD			
P3927-03DL	DDC81DL	Solid	unknown-01	*	930.000	JD			
P3927-03DL	DDC81DL	Solid	unknown-02	*	1,200.000	JD			
P3927-03DL	DDC81DL	Solid	unknown-03	*	1,000.000	JD			
P3927-03DL	DDC81DL	Solid	unknown-04	*	810.000	JD			
P3927-03DL	DDC81DL	Solid	Total Alkanes	*	3,500.000	D	560	2000	ug/Kg
			Total Tics :		**21,530.00**				
P3927-03DL	DDC81DL	Solid	2,3,4,6-Tetrachlorophenol		7,300.000	D	430	2000	ug/Kg
P3927-03DL	DDC81DL	Solid	Pentachlorophenol		72,000.000	ED	1000	3900	ug/Kg
			Total Svoc :		**79,300.00**				
			Total Concentration:		**100,830.00**				
Client ID :	**DDC82DL**								
P3927-04DL	DDC82DL	Solid	(DEL) Alkane: Straight-Chain7.45	*	460.000	JD			
P3927-04DL	DDC82DL	Solid	Hexanoic acid, 2-ethyl-	*	830.000	JD			
P3927-04DL	DDC82DL	Solid	Total Alkanes	*	460.000	D	300	1000	ug/Kg
			Total Tics :		**1,750.00**				
P3927-04DL	DDC82DL	Solid	2,3,4,6-Tetrachlorophenol		680.000	JD	230	1000	ug/Kg
P3927-04DL	DDC82DL	Solid	Pentachlorophenol		8,200.000	D	540	2000	ug/Kg
			Total Svoc :		**8,880.00**				
			Total Concentration:		**10,630.00**				
Client ID :	**DDC92**								
P3927-07	DDC92	Solid	(DEL) Alkane: Cyclic12.698	*	370.000	J			
P3927-07	DDC92	Solid	(DEL) Alkane: Straight-Chain12.0	*	100.000	J			
P3927-07	DDC92	Solid	(DEL) Alkane: Straight-Chain13.2	*	710.000	J			
P3927-07	DDC92	Solid	(DEL) Alkane: Straight-Chain14.7	*	260.000	J			
P3927-07	DDC92	Solid	(DEL) Alkane: Straight-Chain15.3	*	1,400.000	J			
P3927-07	DDC92	Solid	(DEL) Alkane: Straight-Chain15.7	*	730.000	J			
P3927-07	DDC92	Solid	(DEL) Alkane: Straight-Chain15.8	*	110.000	J			

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Hit Summary Sheet
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SDG No.: BM092824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3927-07	DDC92	Solid	(DEL) Alkane: Straight-Chain16.1	*	640.000	J			
P3927-07	DDC92	Solid	(DEL) Alkane: Straight-Chain16.9	*	660.000	J			
P3927-07	DDC92	Solid	(DEL) Alkane: Straight-Chain17.0	*	380.000	J			
P3927-07	DDC92	Solid	(DEL) Alkane: Straight-Chain17.6	*	500.000	J			
P3927-07	DDC92	Solid	(DEL) Alkane: Straight-Chain18.3	*	440.000	J			
P3927-07	DDC92	Solid	(DEL) Alkane: Straight-Chain18.8	*	93.000	J			
P3927-07	DDC92	Solid	(DEL) Alkane: Straight-Chain19.0	*	400.000	J			
P3927-07	DDC92	Solid	(DEL) Alkane: Straight-Chain20.1	*	710.000	J			
P3927-07	DDC92	Solid	(DEL) Alkane: Straight-Chain20.6	*	370.000	J			
P3927-07	DDC92	Solid	(DEL) Alkane: Straight-Chain21.6	*	320.000	J			
P3927-07	DDC92	Solid	(DEL) Alkane: Straight-Chain22.8	*	250.000	J			
P3927-07	DDC92	Solid	(DEL) Alkane: Straight-Chain23.5	*	100.000	J			
P3927-07	DDC92	Solid	(DEL) Alkane: Straight-Chain8.59	*	360.000	J			
P3927-07	DDC92	Solid	(DEL) Alkane: Straight-Chain9.05	*	980.000	J			
P3927-07	DDC92	Solid	1-Hexanol, 2-ethyl-	*	560.000	J			
P3927-07	DDC92	Solid	Benzene, 1,2,3-trimethyl-	*	320.000	J			
P3927-07	DDC92	Solid	Benzene, 1,2,4-trimethyl-	*	1,100.000	J			
P3927-07	DDC92	Solid	Benzene, 1-ethyl-2-methyl-	*	400.000	J			
P3927-07	DDC92	Solid	Benzene, 1-methyl-3-propyl-	*	490.000	J			
P3927-07	DDC92	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	300.000	J			
P3927-07	DDC92	Solid	Benzene, propyl-	*	330.000	J			
P3927-07	DDC92	Solid	Benzophenone	*	580.000	J			
P3927-07	DDC92	Solid	Hexadecyl octyl ether	*	260.000	J			
P3927-07	DDC92	Solid	Isooctyl mercaptoacetate	*	4,700.000	J			
P3927-07	DDC92	Solid	Mesitylene	*	330.000	J			
P3927-07	DDC92	Solid	n-Hexadecanoic acid	*	280.000	J			
P3927-07	DDC92	Solid	Naphthalene, 1,6-dimethyl-	*	590.000	J			
P3927-07	DDC92	Solid	Naphthalene, 2,3,6-trimethyl-	*	210.000	J			
P3927-07	DDC92	Solid	Naphthalene, 2,3-dimethyl-	*	230.000	J			
P3927-07	DDC92	Solid	Oxalic acid, 2-ethylhexyl tetradec	*	800.000	J			
P3927-07	DDC92	Solid	p-Cymene	*	410.000	J			
P3927-07	DDC92	Solid	Phenol, 2,3,5,6-tetrachloro-	*	890.000	J			
P3927-07	DDC92	Solid	unknown-01	*	380.000	J			
P3927-07	DDC92	Solid	unknown-02	*	370.000	J			
P3927-07	DDC92	Solid	unknown-03	*	380.000	J			
P3927-07	DDC92	Solid	unknown-04	*	350.000	J			
P3927-07	DDC92	Solid	unknown-05	*	240.000	J			
P3927-07	DDC92	Solid	unknown-06	*	660.000	J			
P3927-07	DDC92	Solid	unknown-07	*	280.000	J			
P3927-07	DDC92	Solid	unknown-08	*	200.000	J			

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Hit Summary Sheet
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SDG No.: BM092824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3927-07	DDC92	Solid	unknown-09	*	170.000	J			
P3927-07	DDC92	Solid	unknown-10	*	460.000	J			
P3927-07	DDC92	Solid	unknown-11	*	190.000	J			
P3927-07	DDC92	Solid	unknown-12	*	830.000	J			
P3927-07	DDC92	Solid	Total Alkanes	*	9,900.000		59	210	ug/Kg
			Total Tics :		**37,073.00**				
P3927-07	DDC92	Solid	1-Methylnaphthalene		140.000	J	51	210	ug/Kg
P3927-07	DDC92	Solid	2,3,4,6-Tetrachlorophenol		20,000.000	E	46	210	ug/Kg
P3927-07	DDC92	Solid	2-Methylnaphthalene		210.000		46	210	ug/Kg
P3927-07	DDC92	Solid	Naphthalene		200.000	J	42	210	ug/Kg
P3927-07	DDC92	Solid	Pentachlorophenol		100,000.000	E	110	410	ug/Kg
P3927-07	DDC92	Solid	Phenanthrene		96.000	J	54	210	ug/Kg
			Total Svoc :		**120,646.00**				
			Total Concentration:		**157,719.00**				
Client ID :	**DDC93**								
P3927-08	DDC93	Solid	(DEL) Alkane: Cyclic6.469	*	390.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Cyclic8.116	*	330.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Cyclic9.763	*	110.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain10.(	*	110.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain11.1	*	140.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain12.(	*	290.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain14.3	*	780.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain15.3	*	390.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain15.7	*	170.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain16.1	*	3,000.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain17.(	*	1,700.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain17.(	*	2,100.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain18.3	*	1,600.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain20.1	*	980.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain21.(	*	1,700.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain21.(	*	780.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain5.84	*	1,000.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain6.38	*	350.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain6.72	*	240.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain6.82	*	850.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain6.88	*	630.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain7.46	*	2,700.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain7.75	*	460.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain8.02	*	320.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain8.09	*	280.000	J			

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

Hit Summary Sheet
SW-846

SDG No.: BM092824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain8.3(	*	870.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain8.4:	*	440.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain8.5(	*	710.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain9.0(	*	2,300.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain9.6:	*	87.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain9.9(	*	160.000	J			
P3927-08	DDC93	Solid	(DEL) Alkane: Straight-Chain9.9'	*	82.000	J			
P3927-08	DDC93	Solid	1,1-Hexylenedioxybutane	*	350.000	J			
P3927-08	DDC93	Solid	2-Amino-5-isopropyl-8-methyl-1-	*	1,100.000	J			
P3927-08	DDC93	Solid	2-Heptanone, 4,6-dimethyl-	*	410.000	J			
P3927-08	DDC93	Solid	3-Octen-2-ol	*	160.000	J			
P3927-08	DDC93	Solid	4-Methylphenyl acetone	*	690.000	J			
P3927-08	DDC93	Solid	9-Octadecenoic acid, methyl ester	*	2,900.000	J			
P3927-08	DDC93	Solid	Benzene, (1-methylethyl)-	*	240.000	J			
P3927-08	DDC93	Solid	Benzene, 1,2,3-trimethyl-	*	490.000	J			
P3927-08	DDC93	Solid	Benzene, 1,3,5-trimethyl-2-(1-met	*	260.000	J			
P3927-08	DDC93	Solid	Benzene, 1,4-diethyl-	*	550.000	J			
P3927-08	DDC93	Solid	Benzene, 1-ethyl-2-methyl-	*	630.000	J			
P3927-08	DDC93	Solid	Benzene, 1-ethyl-4-methyl-	*	440.000	J			
P3927-08	DDC93	Solid	Benzene, 1-methyl-3-(1-methyleth	*	520.000	J			
P3927-08	DDC93	Solid	Benzene, 1-methyl-4-propyl-	*	360.000	J			
P3927-08	DDC93	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	670.000	J			
P3927-08	DDC93	Solid	Heptane, 3-[(ethenyloxy)methyl]-	*	530.000	J			
P3927-08	DDC93	Solid	Hexadecanoic acid, methyl ester	*	2,000.000	J			
P3927-08	DDC93	Solid	Mesitylene	*	410.000	J			
P3927-08	DDC93	Solid	Methyl stearate	*	870.000	J			
P3927-08	DDC93	Solid	Naphthalene, 1,4,6-trimethyl-	*	340.000	J			
P3927-08	DDC93	Solid	Naphthalene, 2,7-dimethyl-	*	200.000	J			
P3927-08	DDC93	Solid	o-Cymene	*	290.000	J			
P3927-08	DDC93	Solid	Phytol	*	690.000	J			
P3927-08	DDC93	Solid	Sulfurous acid, butyl hexyl ester	*	240.000	J			
P3927-08	DDC93	Solid	unknown-02	*	460.000	J			
P3927-08	DDC93	Solid	unknown-03	*	310.000	J			
P3927-08	DDC93	Solid	unknown-04	*	1,500.000	J			
P3927-08	DDC93	Solid	unknown-05	*	1,100.000	J			
P3927-08	DDC93	Solid	unknown-06	*	1,000.000	J			
P3927-08	DDC93	Solid	unknown-07	*	1,800.000	J			
P3927-08	DDC93	Solid	Total Alkanes	*	26,000.000		56	200	ug/Kg
			Total Tics :		**73,559.00**				
P3927-08	DDC93	Solid	1,1-Biphenyl		200.000		56	200	ug/Kg

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BM092824

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3927-08	DDC93	Solid	1-Methylnaphthalene	2,100.000		48	200	ug/Kg
P3927-08	DDC93	Solid	2,3,4,6-Tetrachlorophenol	19,000.000	E	43	200	ug/Kg
P3927-08	DDC93	Solid	2,4,5-Trichlorophenol	68.000	J	49	200	ug/Kg
P3927-08	DDC93	Solid	2,4,6-Trichlorophenol	120.000	J	50	200	ug/Kg
P3927-08	DDC93	Solid	2,4-Dichlorophenol	110.000	J	45	200	ug/Kg
P3927-08	DDC93	Solid	2-Methylnaphthalene	3,800.000	E	43	200	ug/Kg
P3927-08	DDC93	Solid	Acenaphthene	150.000	J	48	200	ug/Kg
P3927-08	DDC93	Solid	Bis(2-ethylhexyl)phthalate	62.000	J	51	200	ug/Kg
P3927-08	DDC93	Solid	Fluorene	180.000	J	52	200	ug/Kg
P3927-08	DDC93	Solid	Naphthalene	1,500.000		40	200	ug/Kg
P3927-08	DDC93	Solid	Pentachlorophenol	140,000.000	E	100	380	ug/Kg
P3927-08	DDC93	Solid	Phenanthrene	480.000		51	200	ug/Kg
P3927-08	DDC93	Solid	Pyrene	52.000	J	51	200	ug/Kg
			Total Svoc :	**167,822.00**				
			Total Concentration:	**241,381.00**				

Client ID : DDC93DL

P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Cyclic6.463	*	1,500.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Cyclic8.116	*	1,200.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain11.1	*	410.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain11.6	*	490.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain12.0	*	880.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain12.6	*	2,800.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain13.9	*	1,600.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain14.3	*	20,000.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain14.9	*	1,500.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain15.3	*	6,800.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain15.7	*	2,200.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain15.9	*	1,200.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain16.1	*	5,500.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain16.9	*	4,000.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain17.0	*	2,600.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain17.6	*	3,500.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain18.3	*	2,600.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain20.1	*	1,600.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain22.1	*	2,600.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain5.84	*	3,800.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain6.38	*	1,200.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain6.81	*	3,100.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain6.87	*	2,300.000	JD
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain7.45	*	15,000.000	JD

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BM092824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain8.01	*	1,200.000	JD			
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain8.08	*	1,000.000	JD			
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain8.29	*	1,700.000	JD			
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain8.35	*	3,400.000	JD			
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain8.41	*	1,700.000	JD			
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain8.59	*	2,800.000	JD			
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain9.05	*	12,000.000	JD			
P3927-08DL	DDC93DL	Solid	(DEL) Alkane: Straight-Chain9.89	*	470.000	JD			
P3927-08DL	DDC93DL	Solid	1-Iodo-2-methylundecane	*	1,300.000	JD			
P3927-08DL	DDC93DL	Solid	11-Octadecenoic acid, methyl este	*	4,500.000	JD			
P3927-08DL	DDC93DL	Solid	2-Heptanone, 4,6-dimethyl-	*	1,600.000	JD			
P3927-08DL	DDC93DL	Solid	9,9-Dimethyl-9-sila-9,10-dihydroa	*	1,600.000	JD			
P3927-08DL	DDC93DL	Solid	9-Methyl-S-octahydroanthracene	*	1,400.000	JD			
P3927-08DL	DDC93DL	Solid	Benzene, 1,2,3-trimethyl-	*	1,800.000	JD			
P3927-08DL	DDC93DL	Solid	Benzene, 1,2,4-trimethyl-	*	1,600.000	JD			
P3927-08DL	DDC93DL	Solid	Benzene, 1,4-diethyl-	*	2,200.000	JD			
P3927-08DL	DDC93DL	Solid	Benzene, 1-ethyl-2-methyl-	*	2,400.000	JD			
P3927-08DL	DDC93DL	Solid	Benzene, 1-methyl-4-(1-methylpr	*	2,400.000	JD			
P3927-08DL	DDC93DL	Solid	Benzene, 1-methyl-4-propyl-	*	1,400.000	JD			
P3927-08DL	DDC93DL	Solid	Butanoic acid, butyl ester	*	1,600.000	JD			
P3927-08DL	DDC93DL	Solid	Carbonic acid, octyl vinyl ester	*	1,800.000	JD			
P3927-08DL	DDC93DL	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	2,500.000	JD			
P3927-08DL	DDC93DL	Solid	Hexadecanoic acid, methyl ester	*	3,100.000	JD			
P3927-08DL	DDC93DL	Solid	Mesitylene	*	1,500.000	JD			
P3927-08DL	DDC93DL	Solid	Methyl stearate	*	1,400.000	JD			
P3927-08DL	DDC93DL	Solid	Naphthalene, 1,4,6-trimethyl-	*	1,400.000	JD			
P3927-08DL	DDC93DL	Solid	Naphthalene, 1,4-dimethyl-	*	2,400.000	JD			
P3927-08DL	DDC93DL	Solid	Naphthalene, 1,6,7-trimethyl-	*	6,300.000	JD			
P3927-08DL	DDC93DL	Solid	Naphthalene, 1,7-dimethyl-	*	3,100.000	JD			
P3927-08DL	DDC93DL	Solid	Naphthalene, 2,3,6-trimethyl-	*	1,500.000	JD			
P3927-08DL	DDC93DL	Solid	o-Cymene	*	2,000.000	JD			
P3927-08DL	DDC93DL	Solid	Oxalic acid, 2-ethylhexyl tetradec	*	2,500.000	JD			
P3927-08DL	DDC93DL	Solid	unknown-01	*	1,300.000	JD			
P3927-08DL	DDC93DL	Solid	unknown-02	*	2,100.000	JD			
P3927-08DL	DDC93DL	Solid	unknown-03	*	2,700.000	JD			
P3927-08DL	DDC93DL	Solid	unknown-04	*	1,700.000	JD			
P3927-08DL	DDC93DL	Solid	unknown-05	*	1,700.000	JD			
P3927-08DL	DDC93DL	Solid	unknown-06	*	1,600.000	JD			
P3927-08DL	DDC93DL	Solid	Total Alkanes	*	110,000.000	D	280	990	ug/Kg
			Total Tics :		**287,050.00**				

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

Hit Summary Sheet
SW-846

SDG No.: BM092824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3927-08DL	DDC93DL	Solid	1-Methylnaphthalene		1,700.000	D	240	990	ug/Kg
P3927-08DL	DDC93DL	Solid	2,3,4,6-Tetrachlorophenol		20,000.000	ED	220	990	ug/Kg
P3927-08DL	DDC93DL	Solid	2-Methylnaphthalene		3,000.000	D	220	990	ug/Kg
P3927-08DL	DDC93DL	Solid	Naphthalene		1,100.000	D	200	990	ug/Kg
P3927-08DL	DDC93DL	Solid	Pentachlorophenol		190,000.000	ED	510	1900	ug/Kg
P3927-08DL	DDC93DL	Solid	Phenanthrene		430.000	JD	260	990	ug/Kg
			Total Svoc :		**216,230.00**				
			Total Concentration:		**503,280.00**				
Client ID :	**DDC93DL2**								
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Cyclic10.992	*	4,100.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Cyclic6.463	*	3,500.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Cyclic8.110	*	2,900.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain12.(	*	3,700.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain13.2	*	6,400.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain15.3	*	8,000.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain15.7	*	3,200.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain16.1	*	5,800.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain16.9	*	5,100.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain17.(	*	3,200.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain17.6	*	3,800.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain18.3	*	2,700.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain19.(	*	2,500.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain5.84	*	9,600.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain6.38	*	3,000.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain6.81	*	7,600.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain6.87	*	5,700.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain6.98	*	10,000.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain7.45	*	38,000.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain7.65	*	2,400.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain7.88	*	2,800.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain8.35	*	7,700.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain8.41	*	3,800.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain8.48	*	8,800.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain8.58	*	7,000.000	JD			
P3927-08DL2	DDC93DL2	Solid	(DEL) Alkane: Straight-Chain9.05	*	34,000.000	JD			
P3927-08DL2	DDC93DL2	Solid	1(2H)-Naphthalenone, 3,4-dihydr(	*	2,400.000	JD			
P3927-08DL2	DDC93DL2	Solid	1,1-Hexylenedioxybutane	*	3,000.000	JD			
P3927-08DL2	DDC93DL2	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane	*	3,100.000	JD			
P3927-08DL2	DDC93DL2	Solid	4-Nonanone, 2,6,8-trimethyl-	*	4,000.000	JD			
P3927-08DL2	DDC93DL2	Solid	Benzene, 1,2,3-trimethyl-	*	4,400.000	JD			

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: BM092824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3927-08DL2	DDC93DL2	Solid	Benzene, 1,3,5-trimethyl-2-(1-met	*	3,300.000	JD			
P3927-08DL2	DDC93DL2	Solid	Benzene, 1-ethyl-2-methyl-	*	5,900.000	JD			
P3927-08DL2	DDC93DL2	Solid	Benzene, 1-ethyl-3,5-dimethyl-	*	5,500.000	JD			
P3927-08DL2	DDC93DL2	Solid	Benzene, 1-ethyl-4-methyl-	*	4,000.000	JD			
P3927-08DL2	DDC93DL2	Solid	Benzene, 1-methyl-4-propyl-	*	3,300.000	JD			
P3927-08DL2	DDC93DL2	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	2,700.000	JD			
P3927-08DL2	DDC93DL2	Solid	Benzene, 4-ethyl-1,2-dimethyl-	*	8,100.000	JD			
P3927-08DL2	DDC93DL2	Solid	Carbonic acid, hexyl prop-1-en-2-	*	4,700.000	JD			
P3927-08DL2	DDC93DL2	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	6,300.000	JD			
P3927-08DL2	DDC93DL2	Solid	Cyclopropane, 1-methoxy-2,2-din	*	5,900.000	JD			
P3927-08DL2	DDC93DL2	Solid	Hexadecanoic acid, methyl ester	*	3,200.000	JD			
P3927-08DL2	DDC93DL2	Solid	Mesitylene	*	3,900.000	JD			
P3927-08DL2	DDC93DL2	Solid	Naphthalene, 1,3-dimethyl-	*	2,600.000	JD			
P3927-08DL2	DDC93DL2	Solid	Naphthalene, 1,4,6-trimethyl-	*	7,700.000	JD			
P3927-08DL2	DDC93DL2	Solid	Naphthalene, 2,7-dimethyl-	*	3,400.000	JD			
P3927-08DL2	DDC93DL2	Solid	o-Cymene	*	4,900.000	JD			
P3927-08DL2	DDC93DL2	Solid	Oxalic acid, 2-ethylhexyl isohexyl	*	2,900.000	JD			
P3927-08DL2	DDC93DL2	Solid	Oxalic acid, bis(2-ethylhexyl) est	*	25,000.000	JD			
P3927-08DL2	DDC93DL2	Solid	unknown-01	*	3,600.000	JD			
P3927-08DL2	DDC93DL2	Solid	unknown-02	*	6,400.000	JD			
P3927-08DL2	DDC93DL2	Solid	unknown-03	*	4,600.000	JD			
P3927-08DL2	DDC93DL2	Solid	unknown-04	*	2,500.000	JD			
P3927-08DL2	DDC93DL2	Solid	unknown-05	*	4,000.000	JD			
P3927-08DL2	DDC93DL2	Solid	Total Alkanes	*	200,000.000	D	1700	5900	ug/Kg
			Total Tics :		**536,600.00**				
P3927-08DL2	DDC93DL2	Solid	1-Methylnaphthalene		1,800.000	JD	1400	5900	ug/Kg
P3927-08DL2	DDC93DL2	Solid	2,3,4,6-Tetrachlorophenol		20,000.000	D	1300	5900	ug/Kg
P3927-08DL2	DDC93DL2	Solid	2-Methylnaphthalene		3,200.000	JD	1300	5900	ug/Kg
P3927-08DL2	DDC93DL2	Solid	Naphthalene		1,200.000	JD	1200	5900	ug/Kg
P3927-08DL2	DDC93DL2	Solid	Pentachlorophenol		270,000.000	ED	3000	12000	ug/Kg
			Total Svoc :		**296,200.00**				
			Total Concentration:		**832,800.00**				
Client ID :	**DDCC9DL**								
P3927-12DL	DDCC9DL	Solid	(DEL) Alkane: Straight-Chain5.8	*	430.000	JD			
P3927-12DL	DDCC9DL	Solid	(DEL) Alkane: Straight-Chain6.8	*	420.000	JD			
P3927-12DL	DDCC9DL	Solid	(DEL) Alkane: Straight-Chain7.4	*	2,400.000	JD			
P3927-12DL	DDCC9DL	Solid	(DEL) Alkane: Straight-Chain8.3	*	570.000	JD			
P3927-12DL	DDCC9DL	Solid	(DEL) Alkane: Straight-Chain8.5	*	590.000	JD			
P3927-12DL	DDCC9DL	Solid	(DEL) Alkane: Straight-Chain9.0	*	2,100.000	JD			
P3927-12DL	DDCC9DL	Solid	2-Hexanone, 4-methyl-	*	3,500.000	JD			

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Hit Summary Sheet
SW-846

SDG No.: BM092824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3927-12DL	DDCC9DL	Solid	7-Methyl-1,6-octadiene	*	870.000	JD			
P3927-12DL	DDCC9DL	Solid	Benzophenone	*	480.000	JD			
P3927-12DL	DDCC9DL	Solid	Carbonic acid, 2-ethylhexyl tetrad	*	1,600.000	JD			
P3927-12DL	DDCC9DL	Solid	unknown-01	*	520.000	JD			
P3927-12DL	DDCC9DL	Solid	Total Alkanes	*	6,500.000	D	290	1000	ug/Kg
			Total Tics :		**19,980.00**				
P3927-12DL	DDCC9DL	Solid	2,3,4,6-Tetrachlorophenol		690.000	JD	220	1000	ug/Kg
P3927-12DL	DDCC9DL	Solid	Pentachlorophenol		12,000.000	D	520	2000	ug/Kg
			Total Svoc :		**12,690.00**				
			Total Concentration:		**32,670.00**				
Client ID :	**DDCA4DL**								
P3927-16DL	DDCA4DL	Solid	Benzophenone	*	170.000	JD			
P3927-16DL	DDCA4DL	Solid	Total Alkanes	*	0.000	D	110	400	ug/Kg
			Total Tics :		**170.00**				
P3927-16DL	DDCA4DL	Solid	Pentachlorophenol		6,400.000	D	210	780	ug/Kg
			Total Svoc :		**6,400.00**				
			Total Concentration:		**6,570.00**				
Client ID :	**DDCA5DL**								
P3927-17DL	DDCA5DL	Solid	Isooctyl mercaptoacetate	*	8,500.000	JD			
P3927-17DL	DDCA5DL	Solid	Total Alkanes	*	0.000	D	1700	6000	ug/Kg
			Total Tics :		**8,500.00**				
P3927-17DL	DDCA5DL	Solid	Pentachlorophenol		89,000.000	D	3100	12000	ug/Kg
			Total Svoc :		**89,000.00**				
			Total Concentration:		**97,500.00**				
Client ID :	**DDCA6**								
P3927-20	DDCA6	Solid	(DEL) Alkane: Cyclic10.992	*	230.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Cyclic12.074	*	130.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Cyclic6.463	*	250.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Cyclic8.110	*	230.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain10.(	*	84.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain11.(	*	130.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain12.(	*	320.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain12.9	*	240.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain13.2	*	830.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain13.9	*	330.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain14.3	*	9,200.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain15.3	*	1,500.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain15.7	*	350.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain16.1	*	880.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BM092824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain16.9	*	670.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain17.0	*	440.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain17.6	*	560.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain18.3	*	410.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain19.0	*	340.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain20.1	*	340.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain21.6	*	250.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain22.1	*	290.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain5.84	*	660.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain6.38	*	220.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain6.81	*	300.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain6.87	*	370.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain7.45	*	2,500.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain8.01	*	180.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain8.35	*	520.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain8.41	*	240.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain8.59	*	420.000	J			
P3927-20	DDCA6	Solid	(DEL) Alkane: Straight-Chain9.05	*	1,900.000	J			
P3927-20	DDCA6	Solid	1-Hexanol, 2-ethyl-	*	1,300.000	J			
P3927-20	DDCA6	Solid	2-Heptanone, 4,6-dimethyl-	*	180.000	J			
P3927-20	DDCA6	Solid	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-	*	550.000	J			
P3927-20	DDCA6	Solid	3-Trifluoroacetoxy-6-ethyldecane	*	780.000	J			
P3927-20	DDCA6	Solid	4b,5,6,7,8,8a,9,10-Octahydro-1-m	*	270.000	J			
P3927-20	DDCA6	Solid	9,9-Dimethyl-9-sila-9,10-dihydro	*	340.000	J			
P3927-20	DDCA6	Solid	9-Methyl-S-octahydroanthracene	*	450.000	J			
P3927-20	DDCA6	Solid	Benzene, (1-methylpropyl)-	*	210.000	J			
P3927-20	DDCA6	Solid	Benzene, 1,2,3-trimethyl-	*	290.000	J			
P3927-20	DDCA6	Solid	Benzene, 1,3,5-trimethyl-2-(1-met	*	430.000	J			
P3927-20	DDCA6	Solid	Benzene, 1,4-diethyl-	*	340.000	J			
P3927-20	DDCA6	Solid	Benzene, 1-ethyl-2-methyl-	*	220.000	J			
P3927-20	DDCA6	Solid	Benzene, 1-ethyl-3-methyl-	*	280.000	J			
P3927-20	DDCA6	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	190.000	J			
P3927-20	DDCA6	Solid	Benzophenone	*	450.000	J			
P3927-20	DDCA6	Solid	Carbonic acid, eicosyl vinyl ester	*	520.000	J			
P3927-20	DDCA6	Solid	Dodecane, 1-iodo-	*	190.000	J			
P3927-20	DDCA6	Solid	Hexadecanoic acid, methyl ester	*	280.000	J			
P3927-20	DDCA6	Solid	Mesitylene	*	280.000	J			
P3927-20	DDCA6	Solid	Methyl 2-diethylamino-3-methyl-l	*	1,600.000	J			
P3927-20	DDCA6	Solid	n-Hexadecanoic acid	*	210.000	J			
P3927-20	DDCA6	Solid	Naphthalene, 2,3,6-trimethyl-	*	230.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BM092824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3927-20	DDCA6	Solid	Naphthalene, 2,7-dimethyl-	*	290.000	J			
P3927-20	DDCA6	Solid	o-Cymene	*	250.000	J			
P3927-20	DDCA6	Solid	Sulfurous acid, pentadecyl 2-prop	*	250.000	J			
P3927-20	DDCA6	Solid	unknown-01	*	330.000	J			
P3927-20	DDCA6	Solid	unknown-02	*	200.000	J			
P3927-20	DDCA6	Solid	unknown-03	*	190.000	J			
P3927-20	DDCA6	Solid	unknown-04	*	550.000	J			
P3927-20	DDCA6	Solid	unknown-05	*	260.000	J			
P3927-20	DDCA6	Solid	Total Alkanes	*	25,000.000		54	190	ug/Kg
			Total Tics :		**62,224.00**				
P3927-20	DDCA6	Solid	1-Methylnaphthalene		180.000	J	46	190	ug/Kg
P3927-20	DDCA6	Solid	2,3,4,6-Tetrachlorophenol		4,200.000	E	42	190	ug/Kg
P3927-20	DDCA6	Solid	2-Methylnaphthalene		300.000		42	190	ug/Kg
P3927-20	DDCA6	Solid	Naphthalene		110.000	J	38	190	ug/Kg
P3927-20	DDCA6	Solid	Pentachlorophenol		37,000.000	E	98	370	ug/Kg
P3927-20	DDCA6	Solid	Phenanthrene		56.000	J	50	190	ug/Kg
			Total Svoc :		**41,846.00**				
			Total Concentration:		**104,070.00**				
Client ID :	**DDCA6DL**								
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Straight-Chain15.3	*	1,600.000	JD			
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Straight-Chain6.9	*	1,700.000	JD			
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Straight-Chain9.0	*	4,000.000	JD			
P3927-20DL	DDCA6DL	Solid	1-Hexanol, 2-ethyl-	*	2,200.000	JD			
P3927-20DL	DDCA6DL	Solid	2-Ethylhexyl mercaptoacetate	*	12,000.000	JD			
P3927-20DL	DDCA6DL	Solid	Hexadecane, 1-chloro-	*	5,100.000	JD			
P3927-20DL	DDCA6DL	Solid	Naphthalene, 2,3,6-trimethyl-	*	1,600.000	JD			
P3927-20DL	DDCA6DL	Solid	Total Alkanes	*	7,300.000	D	1100	3800	ug/Kg
			Total Tics :		**35,500.00**				
P3927-20DL	DDCA6DL	Solid	2,3,4,6-Tetrachlorophenol		3,000.000	JD	830	3800	ug/Kg
P3927-20DL	DDCA6DL	Solid	Pentachlorophenol		40,000.000	D	2000	7400	ug/Kg
			Total Svoc :		**43,000.00**				
			Total Concentration:		**78,500.00**				
Client ID :	**DDCA7**								
P3927-21	DDCA7	Solid	(DEL) Alkane: Straight-Chain5.8	*	150.000	J			
P3927-21	DDCA7	Solid	(DEL) Alkane: Straight-Chain6.8	*	110.000	J			
P3927-21	DDCA7	Solid	(DEL) Alkane: Straight-Chain7.4	*	430.000	J			
P3927-21	DDCA7	Solid	(DEL) Alkane: Straight-Chain9.0	*	180.000	J			
P3927-21	DDCA7	Solid	1,3-Hexanediol, 2-ethyl- (isomer 1	*	140.000	J			
P3927-21	DDCA7	Solid	1,3-Hexanediol, 2-ethyl- (isomer 2	*	120.000	J			
P3927-21	DDCA7	Solid	1-Pentanol, 2-ethyl-4-methyl-	*	1,600.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BM092824

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3927-21	DDCA7	Solid	2,6-Dimethyl-6-nitro-2-hepten-4-(	*	190.000	J			
P3927-21	DDCA7	Solid	2-Heptanone, 4,6-dimethyl-	*	99.000	J			
P3927-21	DDCA7	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	170.000	A			
P3927-21	DDCA7	Solid	Benzene, 1,2,3-trimethyl-	*	110.000	J			
P3927-21	DDCA7	Solid	Benzophenone	*	320.000	J			
P3927-21	DDCA7	Solid	Carbonic acid, neopentyl 2-ethylh	*	500.000	J			
P3927-21	DDCA7	Solid	Ether, hexyl t-butyl	*	610.000	J			
P3927-21	DDCA7	Solid	Hexanal ethyl trans-2-hexenyl ace	*	400.000	J			
P3927-21	DDCA7	Solid	Hexanoic acid, 2-ethyl-	*	390.000	J			
P3927-21	DDCA7	Solid	Hexylene glycol	*	340.000	J			
P3927-21	DDCA7	Solid	Hydroquinone, tetrachloro-	*	130.000	J			
P3927-21	DDCA7	Solid	n-Hexadecanoic acid	*	160.000	J			
P3927-21	DDCA7	Solid	Octacosanol	*	110.000	J			
P3927-21	DDCA7	Solid	Phorone	*	96.000	J			
P3927-21	DDCA7	Solid	unknown-01	*	90.000	J			
P3927-21	DDCA7	Solid	Total Alkanes	*	870.000		61	220	ug/Kg
			Total Tics :		**7,315.00**				
P3927-21	DDCA7	Solid	2,3,4,6-Tetrachlorophenol		2,000.000		47	220	ug/Kg
P3927-21	DDCA7	Solid	Pentachlorophenol		17,000.000	E	110	420	ug/Kg
			Total Svoc :		**19,000.00**				
			Total Concentration:		**26,315.00**				
Client ID :	**DDCE3**								
P3927-22	DDCE3	Solid	1-Hexanol, 2-ethyl-	*	170.000	J			
P3927-22	DDCE3	Solid	Benzenesulfonamide, N,4-dimethy	*	150.000	J			
P3927-22	DDCE3	Solid	Benzophenone	*	460.000	J			
P3927-22	DDCE3	Solid	n-Hexadecanoic acid	*	240.000	J			
P3927-22	DDCE3	Solid	unknown-01	*	110.000	J			
P3927-22	DDCE3	Solid	Total Alkanes	*	0.000		59	210	ug/Kg
			Total Tics :		**1,130.00**				
P3927-22	DDCE3	Solid	2,3,4,6-Tetrachlorophenol		180.000	J	46	210	ug/Kg
P3927-22	DDCE3	Solid	Pentachlorophenol		1,800.000		110	410	ug/Kg
			Total Svoc :		**1,980.00**				
			Total Concentration:		**3,110.00**				

CHEMTECH

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.

CHEMTECH

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.

CHEMTECH

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM092824 SAS No.: BM092824 SDG NO.: BM092824

EPA Sample No.: SSTD020022 Date Analyzed: Sep 28 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 12:44

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.						
01	SBLK765	193863	7.82	760972	10.61	443105	14.45
02	DDC33ME	151889	7.82	663205	10.61	381640	14.45
03	DDC65ME	176731	7.82	758232	10.61	457304	14.45
04	DDC33MEDL	216777	7.82	875937	10.61	539425	14.45
05	DDC65MEDL	175311	7.82	707956	10.61	420787	14.45
06	DDC92	167540	7.82	752670	10.61	443851	14.45
07	DDC93	214692	7.82	738720	10.61	539533	14.45
08	SBLK431	232350	7.82	932036	10.61	580221	14.45
09	DDCA6	193627	7.82	792995	10.61	474816	14.45
10	DDCA7	163455	7.82	664642	10.61	412626	14.45
11	DDCE3	155287	7.82	618788	10.61	378780	14.45
12	DDC93DL	207516	7.82	857152	10.61	524288	14.45
13	DDC93DL2	180411	7.82	743047	10.61	463789	14.45
14	DDC82DL	219364	7.82	883801	10.61	544263	14.45
15	DDC80DL	188131	7.82	738015	10.61	447827	14.45
16	DDCC9DL	182144	7.82	765366	10.61	442876	14.45
17	DDCA4DL	193397	7.82	780929	10.61	461242	14.45
18	DDC81DL	216159	7.82	915754	10.61	542565	14.45
19	DDCA5DL	187195	7.82	722453	10.61	433884	14.45
20	DDCA6DL	157432	7.82	619919	10.61	364009	14.45

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM092824 SAS No.: BM092824 SDG NO.: BM092824

EPA Sample No.: SSTD020022 Date Analyzed: Sep 29 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 01:56

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.

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM092824 SAS No.: BM092824 SDG NO.: BM092824

EPA Sample No.: SSTD020147 Date Analyzed: Sep 28 2024 12:00AM

Lab File ID: BM047687.D Time Analyzed: 12:44

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	169777	7.816	700379	10.61	410094	14.45
	UPPER LIMIT	339554	8.316	1400758	11.11	820188	14.951
	LOWER LIMIT	84888.5	7.316	350189.5	10.11	205047	13.951
	EPA SAMPLE NO.						
01	SBLK765	193863	7.82	760972	10.61	443105	14.45
02	DDC33ME	151889	7.82	663205	10.61	381640	14.45
03	DDC65ME	176731	7.82	758232	10.61	457304	14.45
04	DDC33MEDL	216777	7.82	875937	10.61	539425	14.45
05	DDC65MEDL	175311	7.82	707956	10.61	420787	14.45
06	DDC92	167540	7.82	752670	10.61	443851	14.45
07	DDC93	214692	7.82	738720	10.61	539533	14.45

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

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

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM092824 SAS No.: BM092824 SDG NO.: BM092824

EPA Sample No.: SSTD020148 Date Analyzed: Sep 28 2024 12:00AM

Lab File ID: BM047695.D Time Analyzed: 18:00

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	210523	7.816	851865	10.61	534255	14.45
	UPPER LIMIT	421046	8.316	1703730	11.11	1068510	14.945
	LOWER LIMIT	105261.5	7.316	425932.5	10.11	267127.5	13.945
	EPA SAMPLE NO.						
01	SBLK431	232350	7.82	932036	10.61	580221	14.45
02	DDCA6	193627	7.82	792995	10.61	474816	14.45
03	DDCA7	163455	7.82	664642	10.61	412626	14.45
04	DDCE3	155287	7.82	618788	10.61	378780	14.45
05	DDC93DL	207516	7.82	857152	10.61	524288	14.45
06	DDC93DL2	180411	7.82	743047	10.61	463789	14.45
07	DDC82DL	219364	7.82	883801	10.61	544263	14.45
08	DDC80DL	188131	7.82	738015	10.61	447827	14.45
09	DDCC9DL	182144	7.82	765366	10.61	442876	14.45
10	DDCA4DL	193397	7.82	780929	10.61	461242	14.45
11	DDC81DL	216159	7.82	915754	10.61	542565	14.45
12	DDCA5DL	187195	7.82	722453	10.61	433884	14.45
13	DDCA6DL	157432	7.82	619919	10.61	364009	14.45

IS1 (DCB) = 1,4-Dichlorobenzene-d4
IS2 (NPT) = Naphthalene-d8
IS3 (ANT) = Acenaphthene-d10

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM092824 SAS No.: BM092824 SDG NO.: BM092824

EPA Sample No.: SSTD020022 Date Analyzed: Sep 28 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 12:44

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	SBLK765	858061	17.19	756789	21.41	881547	24.42
02	DDC33ME	750726	17.19	685807	21.41	781894	24.42
03	DDC65ME	885820	17.19	843558	21.41	979410	24.42
04	DDC33MEDL	1.0929e	17.19	977338	21.41	1.13423e+	24.42
05	DDC65MEDL	843655	17.19	737851	21.41	830970	24.42
06	DDC92	860005	17.19	837212	21.41	968350	24.42
07	DDC93	1.01572	17.20	995882	21.41	1.2069e+0	24.42
08	SBLK431	1.1657e	17.19	1.12539e+	21.41	1.3513e+0 *	24.42
09	DDCA6	937435	17.19	899518	21.40	1.03703e+	24.42
10	DDCA7	841944	17.19	771397	21.40	891651	24.41
11	DDCE3	773966	17.19	711321	21.40	827010	24.42
12	DDC93DL	1.0292e	17.19	992988	21.40	1.1519e+0	24.42
13	DDC93DL2	952863	17.19	857802	21.40	978132	24.41
14	DDC82DL	1.1141e	17.19	1.01636e+	21.41	1.17554e+	24.42
15	DDC80DL	946804	17.19	867295	21.41	998860	24.41
16	DDCC9DL	899999	17.19	816493	21.41	931681	24.42
17	DDCA4DL	945976	17.19	845114	21.41	970875	24.42
18	DDC81DL	1.1428e	17.19	1.05468e+	21.41	1.20229e+	24.42
19	DDCA5DL	911777	17.19	818742	21.41	935009	24.42
20	DDCA6DL	750049	17.19	671080	21.41	765159	24.42

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM092824 SAS No.: BM092824 SDG NO.: BM092824

EPA Sample No.: SSTD020022 Date Analyzed: Sep 29 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 01:56

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.						

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM092824 SAS No.: BM092824 SDG NO.: BM092824

EPA Sample No.: SSTD020147 Date Analyzed: Sep 28 2024 12:00AM

Lab File ID: BM047687.D Time Analyzed: 12:44

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	792268	17.186	748204	21.409	801232	24.415
	UPPER LIMIT	1584536	17.686	1496408	21.909	1602464	24.915
	LOWER LIMIT	396134	16.686	374102	20.909	400616	23.915
	EPA SAMPLE NO.						
01	SBLK765	858061	17.19	756789	21.41	881547	24.42
02	DDC33ME	750726	17.19	685807	21.41	781894	24.42
03	DDC65ME	885820	17.19	843558	21.41	979410	24.42
04	DDC33MEDL	1.0929e	17.19	977338	21.41	1.13423e+	24.42
05	DDC65MEDL	843655	17.19	737851	21.41	830970	24.42
06	DDC92	860005	17.19	837212	21.41	968350	24.42
07	DDC93	1.01572	17.20	995882	21.41	1.2069e+0	24.42

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

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

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

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8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM092824 SAS No.: BM092824 SDG NO.: BM092824

EPA Sample No.: SSTD020148 Date Analyzed: Sep 28 2024 12:00AM

Lab File ID: BM047695.D Time Analyzed: 18:00

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

		IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
	12 HOUR STD	1.05475e+0(	17.186	984107	21.409	1.13498e+0(	24.415
	UPPER LIMIT	2109500	17.686	1968214	21.909	2269960	24.915
	LOWER LIMIT	527375	16.686	492053.5	20.909	567490	23.915
	EPA SAMPLE NO.						
01	SBLK431	1.1657e	17.19	1.12539e+	21.41	1.3513e+0	24.42
02	DDCA6	937435	17.19	899518	21.40	1.03703e+	24.42
03	DDCA7	841944	17.19	771397	21.40	891651	24.41
04	DDCE3	773966	17.19	711321	21.40	827010	24.42
05	DDC93DL	1.0292e	17.19	992988	21.40	1.1519e+0	24.42
06	DDC93DL2	952863	17.19	857802	21.40	978132	24.41
07	DDC82DL	1.1141e	17.19	1.01636e+	21.41	1.17554e+	24.42
08	DDC80DL	946804	17.19	867295	21.41	998860	24.41
09	DDCC9DL	899999	17.19	816493	21.41	931681	24.42
10	DDCA4DL	945976	17.19	845114	21.41	970875	24.42
11	DDC81DL	1.1428e	17.19	1.05468e+	21.41	1.20229e+	24.42
12	DDCA5DL	911777	17.19	818742	21.41	935009	24.42
13	DDCA6DL	750049	17.19	671080	21.41	765159	24.42

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

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

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

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK431

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM092824 SAS No.: BM092824 SDG NO.: BM092824

Lab File ID: BM047696.D Lab Sample ID: PB163431BL

Instrument ID: BNA_M Date Extracted: 09/16/2024

Matrix: (soil/water) Solid Date Analyzed: 09/28/2024

Level: (low/med) LOW Time Analyzed: 18:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DDCA6	P3927-20	BM047697.D	09/28/2024
DDCA7	P3927-21	BM047698.D	09/28/2024
DDCE3	P3927-22	BM047699.D	09/28/2024
DDC92	P3927-07	BM047693.D	09/28/2024
DDC93	P3927-08	BM047694.D	09/28/2024

COMMENTS:

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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK765

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM092824 SAS No.: BM092824 SDG NO.: BM092824

Lab File ID: BM047688.D Lab Sample ID: PB163765BL

Instrument ID: BNA_M Date Extracted: 09/27/2024

Matrix: (soil/water) Solid Date Analyzed: 09/28/2024

Level: (low/med) MED Time Analyzed: 12:44

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DDC33ME	P3910-13ME	BM047689.D	09/28/2024
DDC65ME	P3910-19ME	BM047690.D	09/28/2024
DDC33MEDL	P3910-13MEDL	BM047691.D	09/28/2024
DDC65MEDL	P3910-19MEDL	BM047692.D	09/28/2024

COMMENTS:

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

Surrogate Summary

SW-846

SDG No.: BM092824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3927-02DL	DDC80DL	BM047703.D	1,4-Dioxane-d8	8	3.18	40		15	120
			Pyridine-d5	40	14.79	37		20	120
			Phenol-d5	40	14.08	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.23	38		10	150
			2-Chlorophenol-d4	40	15.46	39		15	120
			4-Methylphenol-d8	40	13.49	34		10	140
			Nitrobenzene-d5	40	14.09	35		10	135
			2-Nitrophenol-d4	40	12.71	32		10	120
			2,4-Dichlorophenol-d3	40	13.79	34		10	140
			4-Chloroaniline-d4	40	14.25	36		1	145
			Dimethylphthalate-d6	40	20.16	50		10	145
			Acenaphthylene-d8	40	17.25	43		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	19.68	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	18.32	46		10	150
			Pyrene-d10	40	19.89	50		10	130
			Benzo(a)pyrene-d12	40	17.65	44		10	140
P3927-03DL	DDC81DL	BM047706.D	1,4-Dioxane-d8	8	3.04	38		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	15.21	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.18	43		10	150
			2-Chlorophenol-d4	40	16.48	41		15	120
			4-Methylphenol-d8	40	15.81	40		10	140
			Nitrobenzene-d5	40	13.08	33		10	135
			2-Nitrophenol-d4	40	12.84	32		10	120
			2,4-Dichlorophenol-d3	40	14.76	37		10	140
			4-Chloroaniline-d4	40	11.99	30		1	145
			Dimethylphthalate-d6	40	20.10	50		10	145
			Acenaphthylene-d8	40	17.91	45		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	20.20	50		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.07	20		10	130
			Anthracene-d10	40	17.95	45		10	150
			Pyrene-d10	40	20.17	50		10	130
			Benzo(a)pyrene-d12	40	17.10	43		10	140
P3927-04DL	DDC82DL	BM047702.D	Pyridine-d5	40	7.12	18	*	20	120
			1,4-Dioxane-d8	8	2.68	34		15	120
			Phenol-d5	40	13.06	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.01	35		10	150
			2-Chlorophenol-d4	40	14.20	35		15	120
			4-Methylphenol-d8	40	13.60	34		10	140
			Nitrobenzene-d5	40	12.57	31		10	135
			2-Nitrophenol-d4	40	12.56	31		10	120
			2,4-Dichlorophenol-d3	40	14.09	35		10	140
			4-Chloroaniline-d4	40	11.61	29		1	145
			Dimethylphthalate-d6	40	16.55	41		10	145
			Acenaphthylene-d8	40	14.99	37		15	120
			4-Nitrophenol-d4	40	8.52	21		10	150

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

SW-846

SDG No.: BM092824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3927-04DL	DDC82DL	BM047702.D	Fluorene-d10	40	16.53	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.80	19		10	130
			Anthracene-d10	40	15.56	39		10	150
			Pyrene-d10	40	17.01	43		10	130
			Benzo(a)pyrene-d12	40	15.30	38		10	140
P3927-07	DDC92	BM047693.D	1,4-Dioxane-d8	8	3.05	38		15	120
			Pyridine-d5	40	9.52	24		20	120
			Phenol-d5	40	17.49	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.13	43		10	150
			2-Chlorophenol-d4	40	17.84	45		15	120
			4-Methylphenol-d8	40	18.01	45		10	140
			Nitrobenzene-d5	40	16.38	41		10	135
			2-Nitrophenol-d4	40	16.83	42		10	120
			2,4-Dichlorophenol-d3	40	16.89	42		10	140
			4-Chloroaniline-d4	40	10.29	26		1	145
			Dimethylphthalate-d6	40	19.06	48		10	145
			Acenaphthylene-d8	40	19.09	48		15	120
			4-Nitrophenol-d4	40	14.26	36		10	150
			Fluorene-d10	40	19.40	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.03	33		10	130
			Anthracene-d10	40	18.37	46		10	150
			Pyrene-d10	40	20.90	52		10	130
			Benzo(a)pyrene-d12	40	18.93	47		10	140
P3927-08	DDC93	BM047694.D	1,4-Dioxane-d8	8	2.84	35		15	120
			Pyridine-d5	40	12.60	32		20	120
			Phenol-d5	40	15.93	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.04	45		10	150
			2-Chlorophenol-d4	40	16.79	42		15	120
			4-Methylphenol-d8	40	28.05	70		10	140
			Nitrobenzene-d5	40	14.94	37		10	135
			2-Nitrophenol-d4	40	20.78	52		10	120
			2,4-Dichlorophenol-d3	40	20.13	50		10	140
			4-Chloroaniline-d4	40	22.38	56		1	145
			Dimethylphthalate-d6	40	16.65	42		10	145
			Acenaphthylene-d8	40	17.00	43		15	120
			4-Nitrophenol-d4	40	7.87	20		10	150
			Fluorene-d10	40	17.13	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.64	34		10	130
			Anthracene-d10	40	16.88	42		10	150
			Pyrene-d10	40	18.07	45		10	130
			Benzo(a)pyrene-d12	40	17.34	43		10	140
P3927-08DL	DDC93DL	BM047700.D	Pyridine-d5	40	10.05	25		20	120
			1,4-Dioxane-d8	8	2.35	29		15	120
			Phenol-d5	40	13.04	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.46	39		10	150
			2-Chlorophenol-d4	40	13.72	34		15	120
			4-Methylphenol-d8	40	24.79	62		10	140
			Nitrobenzene-d5	40	9.44	24		10	135
			2-Nitrophenol-d4	40	13.05	33		10	120

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Surrogate Summary

SW-846

SDG No.: BM092824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3927-08DL	DDC93DL	BM047700.D	2,4-Dichlorophenol-d3	40	13.38	33		10	140
			4-Chloroaniline-d4	40	18.18	45		1	145
			Dimethylphthalate-d6	40	15.28	38		10	145
			Acenaphthylene-d8	40	15.08	38		15	120
			4-Nitrophenol-d4	40	8.00	20		10	150
			Fluorene-d10	40	15.61	39		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.51	26		10	130
			Anthracene-d10	40	15.25	38		10	150
			Pyrene-d10	40	16.46	41		10	130
			Benzo(a)pyrene-d12	40	14.43	36		10	140
P3927-08DL2	DDC93DL2	BM047701.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	13.02	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.37	36		10	150
			2-Chlorophenol-d4	40	13.56	34		15	120
			4-Methylphenol-d8	40	24.45	61		10	140
			Nitrobenzene-d5	40	13.98	35		10	135
			2-Nitrophenol-d4	40	11.22	28		10	120
			2,4-Dichlorophenol-d3	40	12.45	31		10	140
			4-Chloroaniline-d4	40	18.18	45		1	145
			Dimethylphthalate-d6	40	16.83	42		10	145
			Acenaphthylene-d8	40	15.63	39		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	17.49	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	16.77	42		10	150
			Pyrene-d10	40	18.24	46		10	130
			Benzo(a)pyrene-d12	40	14.61	37		10	140
P3927-12DL	DDCC9DL	BM047704.D	1,4-Dioxane-d8	8	3.82	48		15	120
			Pyridine-d5	40	12.14	30		20	120
			Phenol-d5	40	19.21	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.88	52		10	150
			2-Chlorophenol-d4	40	20.49	51		15	120
			4-Methylphenol-d8	40	20.23	51		10	140
			Nitrobenzene-d5	40	18.75	47		10	135
			2-Nitrophenol-d4	40	17.67	44		10	120
			2,4-Dichlorophenol-d3	40	19.51	49		10	140
			4-Chloroaniline-d4	40	19.47	49		1	145
			Dimethylphthalate-d6	40	24.22	61		10	145
			Acenaphthylene-d8	40	23.05	58		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	24.04	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.44	66		10	130
			Anthracene-d10	40	22.77	57		10	150
			Pyrene-d10	40	24.58	61		10	130
			Benzo(a)pyrene-d12	40	21.83	55		10	140
P3927-16DL	DDCA4DL	BM047705.D	1,4-Dioxane-d8	8	2.93	37		15	120
			Pyridine-d5	40	14.22	36		20	120
			Phenol-d5	40	15.17	38		10	130

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

SW-846

SDG No.: BM092824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3927-16DL	DDCA4DL	BM047705.D	Bis(2-Chloroethyl)ether-d8	40	15.55	39		10	150
			2-Chlorophenol-d4	40	16.24	41		15	120
			4-Methylphenol-d8	40	15.31	38		10	140
			Nitrobenzene-d5	40	15.50	39		10	135
			2-Nitrophenol-d4	40	14.48	36		10	120
			2,4-Dichlorophenol-d3	40	15.79	39		10	140
			4-Chloroaniline-d4	40	15.42	39		1	145
			Dimethylphthalate-d6	40	19.63	49		10	145
			Acenaphthylene-d8	40	18.03	45		15	120
			4-Nitrophenol-d4	40	10.91	27		10	150
			Fluorene-d10	40	19.14	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.37	23		10	130
			Anthracene-d10	40	18.44	46		10	150
			Pyrene-d10	40	20.83	52		10	130
			Benzo(a)pyrene-d12	40	19.34	48		10	140
P3927-17DL	DDCA5DL	BM047707.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	18.93	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.92	57		10	150
			2-Chlorophenol-d4	40	19.62	49		15	120
			4-Methylphenol-d8	40	17.31	43		10	140
			Nitrobenzene-d5	40	19.11	48		10	135
			2-Nitrophenol-d4	40	16.98	42		10	120
			2,4-Dichlorophenol-d3	40	17.91	45		10	140
			4-Chloroaniline-d4	40	18.00	45		1	145
			Dimethylphthalate-d6	40	28.38	71		10	145
			Acenaphthylene-d8	40	26.28	66		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	27.51	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	26.01	65		10	150
			Pyrene-d10	40	28.62	72		10	130
			Benzo(a)pyrene-d12	40	25.29	63		10	140
P3927-20	DDCA6	BM047697.D	Pyridine-d5	40	13.14	33		20	120
			1,4-Dioxane-d8	8	2.96	37		15	120
			Phenol-d5	40	17.69	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.53	44		10	150
			2-Chlorophenol-d4	40	19.46	49		15	120
			4-Methylphenol-d8	40	20.47	51		10	140
			Nitrobenzene-d5	40	20.73	52		10	135
			2-Nitrophenol-d4	40	21.43	54		10	120
			2,4-Dichlorophenol-d3	40	20.54	51		10	140
			4-Chloroaniline-d4	40	17.37	43		1	145
			Dimethylphthalate-d6	40	23.80	59		10	145
			Acenaphthylene-d8	40	23.35	58		15	120
			4-Nitrophenol-d4	40	19.08	48		10	150
			Fluorene-d10	40	23.55	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.83	42		10	130
			Anthracene-d10	40	22.90	57		10	150

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

SW-846

SDG No.: BM092824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3927-20	DDCA6	BM047697.D	Pyrene-d10	40	24.82	62		10	130
			Benzo(a)pyrene-d12	40	23.94	60		10	140
P3927-20DL	DDCA6DL	BM047708.D	1,4-Dioxane-d8	8	3.56	44		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	13.90	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.68	42		10	150
			2-Chlorophenol-d4	40	14.78	37		15	120
			4-Methylphenol-d8	40	15.16	38		10	140
			Nitrobenzene-d5	40	14.56	36		10	135
			2-Nitrophenol-d4	40	12.46	31		10	120
			2,4-Dichlorophenol-d3	40	14.20	35		10	140
			4-Chloroaniline-d4	40	14.04	35		1	145
			Dimethylphthalate-d6	40	20.74	52		10	145
			Acenaphthylene-d8	40	18.48	46		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	21.14	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	19.44	49		10	150
			Pyrene-d10	40	20.44	51		10	130
			Benzo(a)pyrene-d12	40	17.08	43		10	140
P3927-21	DDCA7	BM047698.D	1,4-Dioxane-d8	8	3.01	38		15	120
			Pyridine-d5	40	16.04	40		20	120
			Phenol-d5	40	18.92	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	17.34	43		10	150
			2-Chlorophenol-d4	40	20.07	50		15	120
			4-Methylphenol-d8	40	20.51	51		10	140
			Nitrobenzene-d5	40	20.41	51		10	135
			2-Nitrophenol-d4	40	22.21	56		10	120
			2,4-Dichlorophenol-d3	40	21.53	54		10	140
			4-Chloroaniline-d4	40	17.30	43		1	145
			Dimethylphthalate-d6	40	25.34	63		10	145
			Acenaphthylene-d8	40	23.52	59		15	120
			4-Nitrophenol-d4	40	18.32	46		10	150
			Fluorene-d10	40	24.97	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.36	41		10	130
			Anthracene-d10	40	24.27	61		10	150
			Pyrene-d10	40	27.02	68		10	130
			Benzo(a)pyrene-d12	40	25.94	65		10	140
P3927-22	DDCE3	BM047699.D	1,4-Dioxane-d8	8	3.42	43		15	120
			Pyridine-d5	40	14.69	37		20	120
			Phenol-d5	40	19.26	48		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.42	46		10	150
			2-Chlorophenol-d4	40	21.03	53		15	120
			4-Methylphenol-d8	40	20.18	50		10	140
			Nitrobenzene-d5	40	21.26	53		10	135
			2-Nitrophenol-d4	40	22.01	55		10	120
			2,4-Dichlorophenol-d3	40	21.92	55		10	140
			4-Chloroaniline-d4	40	18.16	45		1	145
			Dimethylphthalate-d6	40	24.44	61		10	145

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

SW-846

SDG No.: BM092824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3927-22	DDCE3	BM047699.D	Acenaphthylene-d8	40	22.82	57		15	120
			4-Nitrophenol-d4	40	17.21	43		10	150
			Fluorene-d10	40	24.31	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.58	36		10	130
			Anthracene-d10	40	23.68	59		10	150
			Pyrene-d10	40	26.60	66		10	130
			Benzo(a)pyrene-d12	40	25.62	64		10	140
PB163431BL	PB163431BL	BM047696.D	Pyridine-d5	40	26.24	66		20	120
			1,4-Dioxane-d8	8	5.18	65		15	120
			Phenol-d5	40	28.03	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.99	67		10	150
			2-Chlorophenol-d4	40	31.12	78		15	120
			4-Methylphenol-d8	40	29.05	73		10	140
			Nitrobenzene-d5	40	32.50	81		10	135
			2-Nitrophenol-d4	40	34.93	87		10	120
			2,4-Dichlorophenol-d3	40	31.16	78		10	140
			4-Chloroaniline-d4	40	30.94	77		1	145
			Dimethylphthalate-d6	40	32.17	80		10	145
			Acenaphthylene-d8	40	31.05	78		15	120
			4-Nitrophenol-d4	40	29.42	74		10	150
			Fluorene-d10	40	32.07	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.98	57		10	130
			Anthracene-d10	40	31.00	77		10	150
			Pyrene-d10	40	33.22	83		10	130
			Benzo(a)pyrene-d12	40	32.19	80		10	140

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Surrogate Summary

SW-846

SDG No.: BM092824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3910-13ME	DDC33ME	BM047689.D	1,4-Dioxane-d8	8	3.39	42		15	120
			Pyridine-d5	40	15.41	39		20	120
			Phenol-d5	40	17.96	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.83	47		10	150
			2-Chlorophenol-d4	40	18.72	47		15	120
			4-Methylphenol-d8	40	19.88	50		10	140
			Nitrobenzene-d5	40	17.94	45		10	135
			2-Nitrophenol-d4	40	17.69	44		10	120
			2,4-Dichlorophenol-d3	40	17.44	44		10	140
			4-Chloroaniline-d4	40	18.08	45		1	145
			Dimethylphthalate-d6	40	20.25	51		10	145
			Acenaphthylene-d8	40	20.37	51		15	120
			4-Nitrophenol-d4	40	13.51	34		10	150
			Fluorene-d10	40	20.66	52		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.50	31		10	130
			Anthracene-d10	40	20.60	52		10	150
			Pyrene-d10	40	22.46	56		10	130
			Benzo(a)pyrene-d12	40	20.67	52		10	140
P3910-13MEDL	DDC33MEDL	BM047691.D	1,4-Dioxane-d8	8	3.62	45		15	120
			Pyridine-d5	40	14.95	37		20	120
			Phenol-d5	40	15.46	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.17	40		10	150
			2-Chlorophenol-d4	40	17.22	43		15	120
			4-Methylphenol-d8	40	16.11	40		10	140
			Nitrobenzene-d5	40	16.42	41		10	135
			2-Nitrophenol-d4	40	14.39	36		10	120
			2,4-Dichlorophenol-d3	40	16.06	40		10	140
			4-Chloroaniline-d4	40	17.12	43		1	145
			Dimethylphthalate-d6	40	20.18	50		10	145
			Acenaphthylene-d8	40	18.24	46		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	20.24	51		20	140
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	19.55	49		10	150
			Pyrene-d10	40	21.35	53		10	130
			Benzo(a)pyrene-d12	40	17.98	45		10	140
P3910-19ME	DDC65ME	BM047690.D	Pyridine-d5	40	28.44	71		20	120
			1,4-Dioxane-d8	8	5.57	70		15	120
			Phenol-d5	40	33.82	85		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.87	82		10	150
			2-Chlorophenol-d4	40	35.21	88		15	120
			4-Methylphenol-d8	40	37.89	95		10	140
			Nitrobenzene-d5	40	33.45	84		10	135
			2-Nitrophenol-d4	40	35.04	88		10	120
			2,4-Dichlorophenol-d3	40	33.59	84		10	140
			4-Chloroaniline-d4	40	33.32	83		1	145
			Dimethylphthalate-d6	40	35.19	88		10	145
			Acenaphthylene-d8	40	35.81	90		15	120
			4-Nitrophenol-d4	40	31.01	78		10	150

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Surrogate Summary

SW-846

SDG No.: BM092824

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3910-19ME	DDC65ME	BM047690.D	Fluorene-d10	40	35.47	89		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.42	44		10	130
			Anthracene-d10	40	35.73	89		10	150
			Pyrene-d10	40	38.24	96		10	130
			Benzo(a)pyrene-d12	40	37.09	93		10	140
P3910-19MEDL	DDC65MEDL	BM047692.D	1,4-Dioxane-d8	8	6.70	84		15	120
			Pyridine-d5	40	21.40	53		20	120
			Phenol-d5	40	24.74	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.92	70		10	150
			2-Chlorophenol-d4	40	26.50	66		15	120
			4-Methylphenol-d8	40	27.90	70		10	140
			Nitrobenzene-d5	40	24.80	62		10	135
			2-Nitrophenol-d4	40	21.82	55		10	120
			2,4-Dichlorophenol-d3	40	24.22	61		10	140
			4-Chloroaniline-d4	40	28.40	71		1	145
			Dimethylphthalate-d6	40	31.28	78		10	145
			Acenaphthylene-d8	40	28.92	72		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	30.70	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.78	27		10	130
			Anthracene-d10	40	29.10	73		10	150
			Pyrene-d10	40	32.02	80		10	130
			Benzo(a)pyrene-d12	40	27.36	68		10	140
PB163765BL	PB163765BL	BM047688.D	Pyridine-d5	40	28.14	70		20	120
			1,4-Dioxane-d8	8	5.74	72		15	120
			Phenol-d5	40	27.89	70		10	130
			Bis(2-Chloroethyl)ether-d8	40	29.03	73		10	150
			2-Chlorophenol-d4	40	29.60	74		15	120
			4-Methylphenol-d8	40	27.84	70		10	140
			Nitrobenzene-d5	40	30.90	77		10	135
			2-Nitrophenol-d4	40	31.23	78		10	120
			2,4-Dichlorophenol-d3	40	28.99	72		10	140
			4-Chloroaniline-d4	40	29.47	74		1	145
			Dimethylphthalate-d6	40	32.17	80		10	145
			Acenaphthylene-d8	40	30.80	77		15	120
			4-Nitrophenol-d4	40	25.09	63		10	150
			Fluorene-d10	40	31.59	79		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.85	60		10	130
			Anthracene-d10	40	31.42	79		10	150
			Pyrene-d10	40	35.49	89		10	130
			Benzo(a)pyrene-d12	40	31.33	78		10	140

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM092824

Lab Code: CHEM SAS No.: BM092824 SDG NO.: BM092824

Lab File ID: BM047686.D DFTPP Injection Date: 09/28/2024

Instrument ID: BNA_M DFTPP Injection Time: 11:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	48.6
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	45.4
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	49.8
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	23
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	10.9
442	Greater than 50% of mass 198	67.2
443	15.0 - 24.0% of mass 442	13 (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
SSTD020147	SSTDCCC020	BM047687.D	09/28/2024	12:04
SBLK765	PB163765BL	BM047688.D	09/28/2024	12:44
DDC33ME	P3910-13ME	BM047689.D	09/28/2024	13:23
DDC65ME	P3910-19ME	BM047690.D	09/28/2024	14:03
DDC33MEDL	P3910-13MEDL	BM047691.D	09/28/2024	14:42
DDC65MEDL	P3910-19MEDL	BM047692.D	09/28/2024	15:22
DDC92	P3927-07	BM047693.D	09/28/2024	16:01
DDC93	P3927-08	BM047694.D	09/28/2024	16:41
SSTD020148	SSTDCCC020	BM047695.D	09/28/2024	17:20
SBLK431	PB163431BL	BM047696.D	09/28/2024	18:00
DDCA6	P3927-20	BM047697.D	09/28/2024	18:39
DDCA7	P3927-21	BM047698.D	09/28/2024	19:19
DDCE3	P3927-22	BM047699.D	09/28/2024	19:58
DDC93DL	P3927-08DL	BM047700.D	09/28/2024	20:38
DDC93DL2	P3927-08DL2	BM047701.D	09/28/2024	21:17
DDC82DL	P3927-04DL	BM047702.D	09/28/2024	21:57
DDC80DL	P3927-02DL	BM047703.D	09/28/2024	22:36
DDCC9DL	P3927-12DL	BM047704.D	09/28/2024	23:16

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM092824

Lab Code: CHEM SAS No.: BM092824 SDG NO.: BM092824

Lab File ID: BM047686.D DFTPP Injection Date: 09/28/2024

Instrument ID: BNA_M DFTPP Injection Time: 11:25

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	48.6
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	45.4
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	49.8
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	7
275	10.0 - 60.0% of mass 198	23
365	Greater than 1% of mass 198	3.2
441	Present, but less than mass 443	10.9
442	Greater than 50% of mass 198	67.2
443	15.0 - 24.0% of mass 442	13 (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
DDCA4DL	P3927-16DL	BM047705.D	09/28/2024	23:56
DDC81DL	P3927-03DL	BM047706.D	09/29/2024	00:36
DDCA5DL	P3927-17DL	BM047707.D	09/29/2024	01:16
DDCA6DL	P3927-20DL	BM047708.D	09/29/2024	01:56
SSTD020149	SSTDCCC020EC	BM047709.D	09/29/2024	03:16