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7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM093024 SAS No.: BM093024 SDG No.: BM093024

Instrument ID: BNA_M Calibration Date/Time: 9/30/2024 12 10:40

Lab File ID: BM047711.D Init. Calib. Date(s):

EPA Sample No.: SSTD020150 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	0.586	0.010	-13.3805	40.0
Benzaldehyde	1.028	1.166	0.010	13.3722	40.0
Pyridine	1.908	1.665	0.010	-12.7408	40.0
Phenol	2.012	1.879	0.080	-6.6163	20.0
Bis(2-Chloroethyl)ether	1.603	1.506	0.100	-6.0779	20.0
2-Chlorophenol	1.458	1.489	0.200	2.1568	20.0
2-Methylphenol	1.403	1.330	0.010	-5.2003	20.0
2,2-oxybis(1-Chloropropane)	3.018	2.375	0.010	-21.3308	40.0
Acetophenone	2.406	2.282	0.060	-5.1503	20.0
4-Methylphenol	1.577	1.492	0.010	-5.4111	20.0
N-Nitroso-di-n-propylamine	1.274	1.162	0.050	-8.8177	30.0
Hexachloroethane	0.655	0.656	0.100	0.107	20.0
Nitrobenzene	0.452	0.408	0.050	-9.7066	25.0
Isophorone	0.809	0.760	0.050	-6.1111	25.0
2-Nitrophenol	0.175	0.180	0.050	2.9625	25.0
2,4-Dimethylphenol	0.374	0.365	0.050	-2.5109	25.0
Bis(2-Chloroethoxy)methane	0.495	0.470	0.050	-5.0992	20.0
2,4-Dichlorophenol	0.315	0.322	0.060	2.3833	20.0
Naphthalene	1.150	1.124	0.200	-2.3138	20.0
4-Chloroaniline	0.464	0.454	0.010	-2.1902	40.0
Hexachlorobutadiene	0.208	0.200	0.040	-3.7005	30.0
Caprolactam	0.101	0.101	0.010	0.5927	40.0
4-Chloro-3-methylphenol	0.326	0.339	0.040	3.9295	25.0
1-Methylnaphthalene	0.744	0.751	0.100	1.0187	20.0
2-Methylnaphthalene	0.731	0.748	0.100	2.3372	20.0
Hexachlorocyclopentadiene	0.394	0.365	0.010	-7.4278	40.0
2,4,6-Trichlorophenol	0.377	0.394	0.090	4.4837	25.0
2,4,5-Trichlorophenol	0.412	0.427	0.100	3.6523	25.0
1,1-Biphenyl	1.601	1.582	0.200	-1.2071	20.0
2-Chloronaphthalene	1.238	1.220	0.300	-1.4505	20.0
2-Nitroaniline	0.393	0.355	0.050	-9.7855	40.0
Dimethylphthalate	1.468	1.456	0.300	-0.8702	20.0
2,6-Dinitrotoluene	0.258	0.271	0.080	4.9003	30.0
Acenaphthylene	1.939	1.931	0.400	-0.4078	20.0
3-Nitroaniline	0.312	0.316	0.010	1.3475	40.0
Acenaphthene	1.371	1.336	0.200	-2.547	20.0
2,4-Dinitrophenol	0.159	0.173	0.010	8.3142	40.0
4-Nitrophenol	0.242	0.226	0.010	-6.6535	40.0
Dibenzofuran	1.845	1.817	0.300	-1.5194	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM093024 SAS No.: BM093024 SDG No.: BM093024

Instrument ID: BNA_M Calibration Date/Time: 9/30/2024 1: 10:40

Lab File ID: BM047711.D Init. Calib. Date(s):

EPA Sample No.: SSTD020150 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	6.1161	30.0
Diethylphthalate	1.469	1.454	0.300	-1.0105	20.0
Fluorene	1.539	1.507	0.200	-2.0589	20.0
4-Chlorophenyl-phenylether	0.727	0.699	0.100	-3.9022	20.0
4-Nitroaniline	0.303	0.330	0.010	8.7394	40.0
4,6-Dinitro-2-methylphenol	0.130	0.122	0.010	-5.6232	40.0
N-Nitrosodiphenylamine	0.623	0.627	0.050	0.6437	20.0
1,2,4,5-Tetrachlorobenzene	0.651	0.622	0.100	-4.43	20.0
4-Bromophenyl-phenylether	0.206	0.208	0.070	0.7484	20.0
Hexachlorobenzene	0.240	0.236	0.050	-1.5089	25.0
Atrazine	0.207	0.207	0.010	-0.4081	25.0
Pentachlorophenol	0.153	0.147	0.010	-3.8093	40.0
Phenanthrene	1.173	1.168	0.200	-0.4565	20.0
Pentachlorobenzene	0.323	0.311	0.050	-3.6738	20.0
Anthracene	1.196	1.197	0.200	0.0306	20.0
1,2,3,4-Tetrachlorobenzene	0.331	0.318	0.050	-3.8561	20.0
Carbazole	1.084	1.087	0.050	0.2418	40.0
Di-n-butylphthalate	1.207	1.228	0.500	1.7384	25.0
Fluoranthene	1.337	1.340	0.400	0.2671	25.0
Pyrene	1.488	1.489	0.400	0.067	25.0
Butylbenzylphthalate	0.526	0.538	0.100	2.3065	40.0
3,3-Dichlorobenzidine	0.423	0.409	0.010	-3.2294	40.0
Benzo(a)anthracene	1.400	1.397	0.300	-0.2214	30.0
Chrysene	1.365	1.342	0.200	-1.687	30.0
Bis(2-ethylhexyl)phthalate	0.790	0.806	0.200	1.9922	40.0
Di-n-octyl phthalate	1.290	1.189	0.010	-7.8646	40.0
Benzo(b)fluoranthene	1.247	1.226	0.200	-1.7182	25.0
Benzo(k)fluoranthene	1.275	1.294	0.200	1.4499	25.0
Benzo(a)pyrene	1.185	1.172	0.200	-1.0967	20.0
Indeno(1,2,3-cd)pyrene	1.518	1.522	0.200	0.2507	25.0
Dibenzo(a,h)anthracene	1.244	1.241	0.200	-0.2397	30.0
Benzo(g,h,i)perylene	1.189	1.196	0.200	0.5545	30.0
2,3,4,6-Tetrachlorophenol	0.325	0.338	0.040	3.9638	20.0
1,4-Dioxane-d8	0.619	0.554	0.010	-10.5621	25.0
Pyridine-d5	1.812	1.629	0.010	-10.0991	40.0
Phenol-d5	1.891	1.784	0.010	-5.667	25.0
Bis-(2-Chloroethyl)ether-d8	1.342	1.169	0.050	-12.9176	25.0
2-Chlorophenol-d4	1.376	1.431	0.200	3.9835	20.0
4-Methylphenol-d8	1.406	1.341	0.010	-4.6278	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM093024 SAS No.: BM093024 SDG No.: BM093024

Instrument ID: BNA_M Calibration Date/Time: 9/30/2024 12 10:40

Lab File ID: BM047711.D Init. Calib. Date(s):

EPA Sample No.: SSTD020150 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	0.6612	20.0
2-Nitrophenol-d4	0.153	0.158	0.050	3.3108	30.0
2,4-Dichlorophenol-d3	0.305	0.314	0.060	3.08	20.0
4-Chloroaniline-d4	0.471	0.457	0.010	-3.1175	40.0
Dimethylphthalate-d6	1.450	1.431	0.300	-1.3213	20.0
Acenaphthylene-d8	1.719	1.730	0.400	0.637	20.0
4-Nitrophenol-d4	0.289	0.283	0.010	-1.8294	40.0
Fluorene-d10	1.256	1.230	0.100	-2.063	20.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.106	0.010	-9.1966	40.0
Anthracene-d10	0.983	0.977	0.300	-0.6456	20.0
Pyrene-d10	1.135	1.130	0.300	-0.4215	25.0
Benzo(a)pyrene-d12	1.038	1.050	0.010	1.2106	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.: BM093024 SAS No.: BM093024 SDG No.: BM093024

Instrument ID: BNA_M Calibration Date/Time: 9/30/2024 12 17:15

Lab File ID: BM047720.D Init. Calib. Date(s):

EPA Sample No.: SSTD020151 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	0.574	0.010	-15.1501	50.0
Benzaldehyde	1.028	1.054	0.010	2.5272	50.0
Pyridine	1.908	1.583	0.010	-17.0326	50.0
Phenol	2.012	1.741	0.080	-13.4755	50.0
Bis(2-Chloroethyl)ether	1.603	1.402	0.100	-12.5607	50.0
2-Chlorophenol	1.458	1.453	0.200	-0.3416	50.0
2-Methylphenol	1.403	1.288	0.010	-8.2034	50.0
2,2-oxybis(1-Chloropropane)	3.018	2.107	0.010	-30.1866	50.0
Acetophenone	2.406	2.157	0.060	-10.3672	50.0
4-Methylphenol	1.577	1.448	0.010	-8.1818	50.0
N-Nitroso-di-n-propylamine	1.274	1.084	0.050	-14.9661	50.0
Hexachloroethane	0.655	0.609	0.100	-7.0363	50.0
Nitrobenzene	0.452	0.378	0.050	-16.4997	50.0
Isophorone	0.809	0.726	0.050	-10.254	50.0
2-Nitrophenol	0.175	0.180	0.050	3.2137	50.0
2,4-Dimethylphenol	0.374	0.352	0.050	-5.7956	50.0
Bis(2-Chloroethoxy)methane	0.495	0.443	0.050	-10.5564	50.0
2,4-Dichlorophenol	0.315	0.326	0.060	3.5014	50.0
Naphthalene	1.150	1.101	0.200	-4.2584	50.0
4-Chloroaniline	0.464	0.440	0.010	-5.2294	50.0
Hexachlorobutadiene	0.208	0.207	0.040	-0.5567	50.0
Caprolactam	0.101	0.102	0.010	1.1055	50.0
4-Chloro-3-methylphenol	0.326	0.327	0.040	0.4323	50.0
1-Methylnaphthalene	0.744	0.740	0.100	-0.5272	50.0
2-Methylnaphthalene	0.731	0.724	0.100	-0.9908	50.0
Hexachlorocyclopentadiene	0.394	0.366	0.010	-7.0681	50.0
2,4,6-Trichlorophenol	0.377	0.397	0.090	5.2723	50.0
2,4,5-Trichlorophenol	0.412	0.424	0.100	2.8469	50.0
1,1-Biphenyl	1.601	1.507	0.200	-5.8765	50.0
2-Chloronaphthalene	1.238	1.189	0.300	-3.9865	50.0
2-Nitroaniline	0.393	0.328	0.050	-16.5875	50.0
Dimethylphthalate	1.468	1.431	0.300	-2.579	50.0
2,6-Dinitrotoluene	0.258	0.264	0.080	2.2378	50.0
Acenaphthylene	1.939	1.867	0.400	-3.7198	50.0
3-Nitroaniline	0.312	0.310	0.010	-0.7701	50.0
Acenaphthene	1.371	1.287	0.200	-6.1221	50.0
2,4-Dinitrophenol	0.159	0.129	0.010	-18.9398	50.0
4-Nitrophenol	0.242	0.212	0.010	-12.4182	50.0
Dibenzofuran	1.845	1.776	0.300	-3.7347	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM093024 SAS No.: BM093024 SDG No.: BM093024

Instrument ID: BNA_M Calibration Date/Time: 9/30/2024 1: 17:15

Lab File ID: BM047720.D Init. Calib. Date(s):

EPA Sample No.: SSTD020151 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	0.401	0.070	3.5009	50.0
Diethylphthalate	1.469	1.412	0.300	-3.924	50.0
Fluorene	1.539	1.439	0.200	-6.5072	50.0
4-Chlorophenyl-phenylether	0.727	0.702	0.100	-3.5223	50.0
4-Nitroaniline	0.303	0.326	0.010	7.4883	50.0
4,6-Dinitro-2-methylphenol	0.130	0.114	0.010	-12.0402	50.0
N-Nitrosodiphenylamine	0.623	0.591	0.050	-5.1805	50.0
1,2,4,5-Tetrachlorobenzene	0.651	0.621	0.100	-4.5944	50.0
4-Bromophenyl-phenylether	0.206	0.207	0.070	0.4145	50.0
Hexachlorobenzene	0.240	0.242	0.050	0.8852	50.0
Atrazine	0.207	0.202	0.010	-2.8698	50.0
Pentachlorophenol	0.153	0.162	0.010	6.4269	50.0
Phenanthrene	1.173	1.094	0.200	-6.6871	50.0
Pentachlorobenzene	0.323	0.302	0.050	-6.495	50.0
Anthracene	1.196	1.126	0.200	-5.8976	50.0
1,2,3,4-Tetrachlorobenzene	0.331	0.309	0.050	-6.7274	50.0
Carbazole	1.084	1.029	0.050	-5.1424	50.0
Di-n-butylphthalate	1.207	1.166	0.500	-3.4087	50.0
Fluoranthene	1.337	1.319	0.400	-1.3552	50.0
Pyrene	1.488	1.442	0.400	-3.1129	50.0
Butylbenzylphthalate	0.526	0.541	0.100	2.779	50.0
3,3-Dichlorobenzidine	0.423	0.437	0.010	3.4181	50.0
Benzo(a)anthracene	1.400	1.372	0.300	-2.0544	50.0
Chrysene	1.365	1.307	0.200	-4.2245	50.0
Bis(2-ethylhexyl)phthalate	0.790	0.792	0.200	0.2236	50.0
Di-n-octyl phthalate	1.290	1.162	0.010	-9.9413	50.0
Benzo(b)fluoranthene	1.247	1.206	0.200	-3.3245	50.0
Benzo(k)fluoranthene	1.275	1.176	0.200	-7.8155	50.0
Benzo(a)pyrene	1.185	1.120	0.200	-5.4591	50.0
Indeno(1,2,3-cd)pyrene	1.518	1.432	0.200	-5.6818	50.0
Dibenzo(a,h)anthracene	1.244	1.162	0.200	-6.6051	50.0
Benzo(g,h,i)perylene	1.189	1.113	0.200	-6.3999	50.0
2,3,4,6-Tetrachlorophenol	0.325	0.359	0.040	10.5281	50.0
1,4-Dioxane-d8	0.619	0.534	0.010	-13.7491	50.0
Pyridine-d5	1.812	1.535	0.010	-15.282	50.0
Phenol-d5	1.891	1.658	0.010	-12.3266	50.0
Bis-(2-Chloroethyl)ether-d8	1.342	1.042	0.050	-22.3438	50.0
2-Chlorophenol-d4	1.376	1.381	0.200	0.333	50.0
4-Methylphenol-d8	1.406	1.306	0.010	-7.1277	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM093024 SAS No.: BM093024 SDG No.: BM093024

Instrument ID: BNA_M Calibration Date/Time: 9/30/2024 12 17:15

Lab File ID: BM047720.D Init. Calib. Date(s):

EPA Sample No.: SSTD020151 Init. Calib. Time(s):

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.159	0.161	0.050	1.3721	50.0
2-Nitrophenol-d4	0.153	0.164	0.050	7.2256	50.0
2,4-Dichlorophenol-d3	0.305	0.324	0.060	6.1549	50.0
4-Chloroaniline-d4	0.471	0.447	0.010	-5.0942	50.0
Dimethylphthalate-d6	1.450	1.424	0.300	-1.803	50.0
Acenaphthylene-d8	1.719	1.697	0.400	-1.2647	50.0
4-Nitrophenol-d4	0.289	0.275	0.010	-4.6203	50.0
Fluorene-d10	1.256	1.241	0.100	-1.2088	50.0
4,6-Dinitro-2-methylphenol-d2	0.117	0.100	0.010	-14.3656	50.0
Anthracene-d10	0.983	0.938	0.300	-4.6284	50.0
Pyrene-d10	1.135	1.127	0.300	-0.6729	50.0
Benzo(a)pyrene-d12	1.038	1.013	0.010	-2.4006	50.0

All other compounds must meet a minimum RRF of 0.010.

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Report of Analysis

Client:				Date Collected:	9/13/2024 12:00:00 AM
Project:				Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SBLK375			SDG No.:	BM093024
Lab Sample ID:	PB163375BL			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
BM047712.D	1	9/13/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163375

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

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Report of Analysis

Client:				Date Collected:	9/13/2024 12:00:00 AM
Project:				Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SBLK375			SDG No.:	BM093024
Lab Sample ID:	PB163375BL			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
BM047712.D	1	9/13/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163375

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:	9/13/2024 12:00:00 AM
Project:				Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SBLK375			SDG No.:	BM093024
Lab Sample ID:	PB163375BL			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
BM047712.D	1	9/13/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163375

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.162		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	20.125		20-120		50	SPK: -40
4165-62-2	Phenol-d5	20.656		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.635		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.36		15-120		58	SPK: -40
190780-66-6	4-Methylphenol-d8	20.664		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	22.706		10-135		57	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.563		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.287		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	21.901		1-145		55	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.325		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	23.278		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.955		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	22.846		20-140		57	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/13/2024 12:00:00 AM
Project:				Date Received:	9/13/2024 12:00:00 AM
Client Sample ID:	SBLK375			SDG No.:	BM093024
Lab Sample ID:	PB163375BL			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
BM047712.D	1	9/13/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163375

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	14.749		10-130		37	SPK: -40
1719-06-8	Anthracene-d10	22.538		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	24.565		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.507		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	233423	7.81				
1146-65-2	Naphthalene-d8	938207	10.604				
15067-26-2	Acenaphthene-d10	553769	14.445				
1517-22-2	Phenanthrene-d10	1095236	17.18				
1719-03-5	Chrysene-d12	943004	21.403				
1520-96-3	Perylene-d12	1058156	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/6/2024 12:00:00 AM
Project:				Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	DDC35			SDG No.:	BM093024
Lab Sample ID:	P3910-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.2
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
BM047713.D	1	9/13/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163375

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.7	78	ug/Kg
100-52-7	Benzaldehyde	87	U	87	96.2	380	ug/Kg
110-86-1	Pyridine	50	U	50	190	380	ug/Kg
108-95-2	Phenol	60	J	41	96.2	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	96.2	380	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	49.5	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	96.2	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	96.2	380	ug/Kg
98-86-2	Acetophenone	44	U	44	96.2	380	ug/Kg
106-44-5	4-Methylphenol	37	U	37	96.2	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	49.5	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	49.5	200	ug/Kg
98-95-3	Nitrobenzene	42	U	42	49.5	200	ug/Kg
78-59-1	Isophorone	40	U	40	49.5	200	ug/Kg
88-75-5	2-Nitrophenol	37	U	37	49.5	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	49.5	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	44	U	44	49.5	200	ug/Kg
120-83-2	2,4-Dichlorophenol	45	U	45	49.5	200	ug/Kg
91-20-3	Naphthalene	120	J	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	260		48	49.5	200	ug/Kg
91-57-6	2-Methylnaphthalene	440		43	49.5	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	92	U	92	96.2	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	49.5	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	49.5	200	ug/Kg

Alliance TECHNICAL GROUP
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Report of Analysis

Client:				Date Collected:	9/6/2024 12:00:00 AM
Project:				Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	DDC35			SDG No.:	BM093024
Lab Sample ID:	P3910-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.2
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
BM047713.D	1	9/13/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163375

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	56	U	56	49.5	200	ug/Kg
91-58-7	2-Chloronaphthalene	52	U	52	49.5	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	49.5	200	ug/Kg
131-11-3	Dimethylphthalate	49	U	49	49.5	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	49.5	200	ug/Kg
208-96-8	Acenaphthylene	50	U	50	49.5	200	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	96.2	380	ug/Kg
83-32-9	Acenaphthene	48	U	48	49.5	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	96.2	380	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	96.2	380	ug/Kg
132-64-9	Dibenzofuran	54	U	54	49.5	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	49.5	200	ug/Kg
84-66-2	Diethylphthalate	70	U	70	49.5	200	ug/Kg
86-73-7	Fluorene	52	U	52	49.5	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	49.5	200	ug/Kg
100-01-6	4-Nitroaniline	49	U	49	96.2	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	96.2	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	49	U	49	49.5	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	59	U	59	49.5	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	52	U	52	49.5	200	ug/Kg
118-74-1	Hexachlorobenzene	58	U	58	49.5	200	ug/Kg
1912-24-9	Atrazine	45	U	45	96.2	380	ug/Kg
87-86-5	Pentachlorophenol	280	J	100	96.2	380	ug/Kg
85-01-8	Phenanthrene	120	J	51	49.5	200	ug/Kg
608-93-5	Pentachlorobenzene	59	U	59	49.5	200	ug/Kg
120-12-7	Anthracene	50	U	50	49.5	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	49.5	200	ug/Kg
86-74-8	Carbazole	52	U	52	96.2	380	ug/Kg
84-74-2	Di-n-butylphthalate	49	U	49	49.5	200	ug/Kg
206-44-0	Fluoranthene	51	U	51	96.2	200	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/6/2024 12:00:00 AM
Project:				Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	DDC35			SDG No.:	BM093024
Lab Sample ID:	P3910-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.2
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
BM047713.D	1	9/13/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163375

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	51	U	51	49.5	200	ug/Kg
85-68-7	Butylbenzylphthalate	37	U	37	49.5	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	96.2	380	ug/Kg
56-55-3	Benzo(a)anthracene	45	U	45	49.5	200	ug/Kg
218-01-9	Chrysene	52	U	52	49.5	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	U	51	49.5	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	96.2	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	49	U	49	49.5	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	52	U	52	49.5	200	ug/Kg
50-32-8	Benzo(a)pyrene	49	U	49	49.5	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	43	U	43	49.5	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	43	U	43	49.5	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	49.5	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	43	U	43	49.5	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.9		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	18.391		20-120		46	SPK: -40
4165-62-2	Phenol-d5	14.991		10-130		37	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.419		10-150		56	SPK: -40
93951-73-6	2-Chlorophenol-d4	9.209		15-120		23	SPK: -40
190780-66-6	4-Methylphenol-d8	26.758		10-140		67	SPK: -40
4165-60-0	Nitrobenzene-d5	26.113		10-135		65	SPK: -40
93951-78-1	2-Nitrophenol-d4	6.062		10-120		15	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.389		10-140		21	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.315		1-145		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.932		10-145		85	SPK: -40
93951-97-4	Acenaphthylene-d8	33.448		15-120		84	SPK: -40
93951-79-2	4-Nitrophenol-d4	4.214		10-150		11	SPK: -40
81103-79-9	Fluorene-d10	34.764		20-140		87	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/6/2024 12:00:00 AM
Project:				Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	DDC35			SDG No.:	BM093024
Lab Sample ID:	P3910-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.2
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
BM047713.D	1	9/13/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163375

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.99	*	10-130		5	SPK: -40
1719-06-8	Anthracene-d10	34.394		10-150		86	SPK: -40
1718-52-1	Pyrene-d10	38.247		10-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.982		10-140		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	196140	7.816				
1146-65-2	Naphthalene-d8	814546	10.604				
15067-26-2	Acenaphthene-d10	469380	14.445				
1517-22-2	Phenanthrene-d10	950827	17.186				
1719-03-5	Chrysene-d12	875159	21.404				
1520-96-3	Perylene-d12	1002683	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.840	690	J			5.84	
	(DEL) Alkane: Straight-Chain6.381	260	J			6.381	
	(DEL) Alkane: Cyclic6.463	240	J			6.463	
	(DEL) Alkane: Straight-Chain6.816	330	J			6.816	
	(DEL) Alkane: Straight-Chain6.875	410	J			6.875	
	(DEL) Alkane: Straight-Chain7.452	2600	J			7.452	
	(DEL) Alkane: Straight-Chain7.887	340	J			7.887	
005989-27-5	D-Limonene	960	J			8.04	
	(DEL) Alkane: Cyclic8.110	230	J			8.11	
	(DEL) Alkane: Straight-Chain8.357	430	J			8.357	
	(DEL) Alkane: Straight-Chain8.410	250	J			8.41	
	(DEL) Alkane: Straight-Chain8.587	530	J			8.587	
001074-17-5	Benzene, 1-methyl-2-propyl-	190	J			8.622	
000527-84-4	o-Cymene	220	J			8.822	
	(DEL) Alkane: Straight-Chain9.051	2600	J			9.051	
002050-24-0	Benzene, 1,3-diethyl-5-methyl-	510	J			9.175	
	(DEL) Alkane: Straight-Chain9.751	91	J			9.751	

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Report of Analysis

Client:				Date Collected:	9/6/2024 12:00:00 AM
Project:				Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	DDC35			SDG No.:	BM093024
Lab Sample ID:	P3910-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.2
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
BM047713.D	1	9/13/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163375

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1000309-38-8	Oxalic acid, 2-ethylhexyl isohexyl	140	J			9.898	
	(DEL) Alkane: Straight-Chain9.969	79	J			9.969	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	310	J			10.993	
	(DEL) Alkane: Straight-Chain11.640	160	J			11.64	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	390	J			11.71	
	unknown-01	230	J			11.881	
	(DEL) Alkane: Straight-Chain12.040	350	J			12.04	
	unknown-02	200	J			12.075	
1000431-40-0	2-(1-Phenylethyl)-6-isopropyl-1,3-	130	J			12.181	
1000431-42-9	Hexanal ethyl cis-3-hexenyl acetal	130	J			12.204	
	unknown-03	440	J			12.687	
	(DEL) Alkane: Straight-Chain12.851	210	J			12.851	
	(DEL) Alkane: Straight-Chain12.998	350	J			12.998	
	unknown-04	330	J			13.634	
000581-40-8	Naphthalene, 2,3-dimethyl-	460	J			13.769	
	(DEL) Alkane: Straight-Chain13.939	600	J			13.939	
	unknown-05	800	J			14.086	
	(DEL) Alkane: Straight-Chain14.363	5800	J			14.363	
	unknown-06	700	J			14.528	
004948-51-0	9-Methyl-S-octahydroanthracene	2200	J			14.592	
	unknown-07	270	J			14.798	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	300	J			14.851	
	(DEL) Alkane: Straight-Chain14.975	280	J			14.975	
1000080-19-3	4b,5,6,7,8,8a,9,10-Octahydro-1-met	430	J			15.01	
	unknown-08	320	J			15.045	
	unknown-09	350	J			15.104	
022106-37-2	4-(1-Pyrroyl)acetophenone	600	J			15.139	
075122-81-5	Methyl 2-diethylamino-3-methyl-but	2300	J			15.21	
	(DEL) Alkane: Straight-Chain15.304	1900	J			15.304	
	(DEL) Alkane: Straight-Chain15.710	630	J			15.71	

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Report of Analysis

Client:				Date Collected:	9/6/2024 12:00:00 AM
Project:				Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	DDC35			SDG No.:	BM093024
Lab Sample ID:	P3910-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	14.2
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
BM047713.D	1	9/13/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163375

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000119-61-9	Benzophenone	1000	J			15.798	
	(DEL) Alkane: Cyclic15.922	290	J			15.922	
	unknown-10	1000	J			16.075	
	(DEL) Alkane: Straight-Chain16.163	1400	J			16.163	
1010303-70-7	2,3-Dihydrothieno[3,4-b][1,4]dioxi	370	J			16.375	
	unknown-11	340	J			16.504	
	(DEL) Alkane: Straight-Chain16.951	920	J			16.951	
	(DEL) Alkane: Straight-Chain17.004	780	J			17.004	
187328-55-8	9,9-Dimethyl-9-sila-9,10-dihydroph	570	J			17.474	
	(DEL) Alkane: Straight-Chain17.686	950	J			17.686	
	(DEL) Alkane: Straight-Chain18.380	710	J			18.38	
	(DEL) Alkane: Straight-Chain19.010	650	J			19.01	
	(DEL) Alkane: Straight-Chain20.121	650	J			20.121	
	(DEL) Alkane: Straight-Chain20.610	320	J			20.61	
	(DEL) Alkane: Straight-Chain21.092	720	J			21.092	
	(DEL) Alkane: Straight-Chain21.610	370	J			21.61	
	(DEL) Alkane: Straight-Chain22.180	450	J			22.18	
E966796	Total Alkanes	28000				99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/6/2024 12:00:00 AM
Project:				Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	DDC36			SDG No.:	BM093024
Lab Sample ID:	P3910-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047714.D	1	9/13/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163375

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.1	82	ug/Kg
100-52-7	Benzaldehyde	92	U	92	100	410	ug/Kg
110-86-1	Pyridine	53	U	53	200	410	ug/Kg
108-95-2	Phenol	43	U	43	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	42	U	42	100	410	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	52.4	210	ug/Kg
95-48-7	2-Methylphenol	37	U	37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	100	410	ug/Kg
98-86-2	Acetophenone	47	U	47	100	410	ug/Kg
106-44-5	4-Methylphenol	39	U	39	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	36	U	36	52.4	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	52.4	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	52.4	210	ug/Kg
78-59-1	Isophorone	42	U	42	52.4	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	52.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	52.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	47	U	47	52.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	48	U	48	52.4	210	ug/Kg
91-20-3	Naphthalene	950		42	52.4	210	ug/Kg
106-47-8	4-Chloroaniline	53	U	53	52.4	410	ug/Kg
87-68-3	Hexachlorobutadiene	45	J	42	52.4	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	52.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	1600		51	52.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	2400		46	52.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	53	U	53	52.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	52	U	52	52.4	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/6/2024 12:00:00 AM
Project:				Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	DDC36			SDG No.:	BM093024
Lab Sample ID:	P3910-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047714.D	1	9/13/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163375

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	230		59	52.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	52.4	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.4	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	52.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52.4	210	ug/Kg
208-96-8	Acenaphthylene	53	U	53	52.4	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	84	J	51	52.4	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	52.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	52.4	210	ug/Kg
84-66-2	Diethylphthalate	74	U	74	52.4	210	ug/Kg
86-73-7	Fluorene	190	J	55	52.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	52.4	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	52.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	52.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	52.4	210	ug/Kg
118-74-1	Hexachlorobenzene	62	U	62	52.4	210	ug/Kg
1912-24-9	Atrazine	48	U	48	100	410	ug/Kg
87-86-5	Pentachlorophenol	8200	E	110	100	410	ug/Kg
85-01-8	Phenanthrene	570		54	52.4	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	52.4	210	ug/Kg
120-12-7	Anthracene	53	U	53	52.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	52.4	210	ug/Kg
86-74-8	Carbazole	55	U	55	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	52.4	210	ug/Kg
206-44-0	Fluoranthene	82	J	54	100	210	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/6/2024 12:00:00 AM
Project:				Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	DDC36			SDG No.:	BM093024
Lab Sample ID:	P3910-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047714.D	1	9/13/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163375

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	84	J	54	52.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	52.4	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	52.4	210	ug/Kg
218-01-9	Chrysene	55	U	55	52.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	100	J	54	52.4	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	52.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	55	U	55	52.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	52.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	46	U	46	52.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	46	U	46	52.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	52.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	870		46	52.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.295		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	11.603		20-120		29	SPK: -40
4165-62-2	Phenol-d5	7.82		10-130		20	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.231		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.173		15-120		15	SPK: -40
190780-66-6	4-Methylphenol-d8	11.768		10-140		29	SPK: -40
4165-60-0	Nitrobenzene-d5	17.19		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.385		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	5.992		10-140		15	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.122		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.24		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	16.837		15-120		42	SPK: -40
93951-79-2	4-Nitrophenol-d4	39.322		10-150		98	SPK: -40
81103-79-9	Fluorene-d10	17.024		20-140		43	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/6/2024 12:00:00 AM
Project:				Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	DDC36			SDG No.:	BM093024
Lab Sample ID:	P3910-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047714.D	1	9/13/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163375

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	1.306	*	10-130		3	SPK: -40
1719-06-8	Anthracene-d10	17.456		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	18.874		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.153		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	264927	7.816				
1146-65-2	Naphthalene-d8	974237	10.61				
15067-26-2	Acenaphthene-d10	653517	14.451				
1517-22-2	Phenanthrene-d10	1213462	17.186				
1719-03-5	Chrysene-d12	1150478	21.409				
1520-96-3	Perylene-d12	1395003	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.846	1300	J			5.846	
	unknown-01	300	J			6.316	
	(DEL) Alkane: Straight-Chain6.387	410	J			6.387	
	(DEL) Alkane: Cyclic6.463	480	J			6.463	
024524-56-9	Ether, tert-butyl isopropylidenecy	290	J			6.498	
	(DEL) Alkane: Straight-Chain6.822	480	J			6.822	
	(DEL) Alkane: Straight-Chain6.875	510	J			6.875	
000611-14-3	Benzene, 1-ethyl-2-methyl-	530	J			6.91	
000108-67-8	Mesitylene	480	J			7.045	
000622-96-8	Benzene, 1-ethyl-4-methyl-	450	J			7.21	
	(DEL) Alkane: Straight-Chain7.463	2800	J			7.463	
000104-76-7	1-Hexanol, 2-ethyl-	2200	J			7.904	
000526-73-8	Benzene, 1,2,3-trimethyl-	440	J			7.94	
	unknown-02	1600	J			8.045	
	(DEL) Alkane: Cyclic8.116	350	J			8.116	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	290	J			8.251	
001074-43-7	Benzene, 1-methyl-3-propyl-	750	J			8.363	

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Report of Analysis

Client:				Date Collected:	9/6/2024 12:00:00 AM
Project:				Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	DDC36			SDG No.:	BM093024
Lab Sample ID:	P3910-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047714.D	1	9/13/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163375

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain8.416	330	J			8.416	
000135-01-3	Benzene, 1,2-diethyl-	540	J			8.463	
	(DEL) Alkane: Straight-Chain8.592	620	J			8.592	
001074-17-5	Benzene, 1-methyl-2-propyl-	390	J			8.628	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	330	J			8.775	
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	440	J			8.828	
	(DEL) Alkane: Straight-Chain9.063	2300	J			9.063	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	600	J			9.181	
	(DEL) Alkane: Straight-Chain9.616	140	J			9.616	
1000309-38-8	Oxalic acid, 2-ethylhexyl isohexyl	230	J			9.904	
	(DEL) Alkane: Straight-Chain9.969	130	J			9.969	
	(DEL) Alkane: Straight-Chain10.051	140	J			10.051	
	unknown-03	410	J			10.139	
000102-82-9	Tributylamine	810	J			10.481	
	(DEL) Alkane: Straight-Chain11.122	220	J			11.122	
	(DEL) Alkane: Straight-Chain11.651	260	J			11.651	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	900	J			11.722	
	unknown-04	540	J			11.886	
	(DEL) Alkane: Straight-Chain12.051	550	J			12.051	
	unknown-05	420	J			12.081	
	unknown-06	290	J			12.186	
	unknown-07	300	J			12.21	
	(DEL) Alkane: Straight-Chain12.998	100	J			12.998	
	(DEL) Alkane: Straight-Chain13.945	140	J			13.945	
	(DEL) Alkane: Straight-Chain14.380	820	J			14.38	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	490	J			15.221	
	(DEL) Alkane: Straight-Chain15.316	310	J			15.316	
	(DEL) Alkane: Straight-Chain15.716	140	J			15.716	
	(DEL) Alkane: Straight-Chain15.927	650	J			15.927	
1000147-91-3	2-Methylidene-hydrazono-3-methyl-5	1700	J			16.086	

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Report of Analysis

Client:				Date Collected:	9/6/2024 12:00:00 AM
Project:				Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	DDC36			SDG No.:	BM093024
Lab Sample ID:	P3910-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	19.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047714.D	1	9/13/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163375

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain16.168	2000	J			16.168	
	unknown-08	540	J			16.51	
	unknown-09	520	J			16.68	
	unknown-10	480	J			16.745	
	(DEL) Alkane: Straight-Chain16.962	1500	J			16.962	
	(DEL) Alkane: Straight-Chain17.009	1500	J			17.009	
187328-55-8	9,9-Dimethyl-9-sila-9,10-dihydroph	1200	J			17.48	
	(DEL) Alkane: Straight-Chain17.692	1600	J			17.692	
	(DEL) Alkane: Straight-Chain18.386	1200	J			18.386	
	(DEL) Alkane: Straight-Chain19.015	1100	J			19.015	
	(DEL) Alkane: Straight-Chain20.121	1400	J			20.121	
	(DEL) Alkane: Straight-Chain21.098	960	J			21.098	
	(DEL) Alkane: Straight-Chain21.609	820	J			21.609	
029812-79-1	Hydroxylamine, O-decyl-	1000	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:	DDC99			SDG No.:	BM093024
Lab Sample ID:	P4018-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.1
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
BM047715.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8	80	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
100-52-7	Benzaldehyde	90	U	90	99.5	400	ug/Kg
108-95-2	Phenol	42	U	42	99.5	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	99.5	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.3	210	ug/Kg
95-48-7	2-Methylphenol	36	U	36	99.5	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	99.5	400	ug/Kg
98-86-2	Acetophenone	170	J	46	99.5	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	99.5	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.3	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.3	210	ug/Kg
98-95-3	Nitrobenzene	43	U	43	51.3	210	ug/Kg
78-59-1	Isophorone	41	U	41	51.3	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.3	210	ug/Kg
91-20-3	Naphthalene	41	U	41	51.3	210	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.3	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.3	210	ug/Kg
105-60-2	Caprolactam	140	U	140	99.5	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	51.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	99.5	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.3	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:	DDC99			SDG No.:	BM093024
Lab Sample ID:	P4018-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.1
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
BM047715.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	51.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.3	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.3	210	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	51.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51.3	210	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51.3	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	99.5	400	ug/Kg
83-32-9	Acenaphthene	49	U	49	51.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	99.5	400	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	99.5	400	ug/Kg
132-64-9	Dibenzofuran	55	U	55	51.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.3	210	ug/Kg
84-66-2	Diethylphthalate	72	U	72	51.3	210	ug/Kg
86-73-7	Fluorene	54	U	54	51.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.3	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	99.5	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	99.5	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	51.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51.3	210	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.3	210	ug/Kg
1912-24-9	Atrazine	47	U	47	99.5	400	ug/Kg
87-86-5	Pentachlorophenol	5800		100	99.5	400	ug/Kg
85-01-8	Phenanthrene	720		53	51.3	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51.3	210	ug/Kg
120-12-7	Anthracene	130	J	52	51.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.3	210	ug/Kg
86-74-8	Carbazole	100	J	54	99.5	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.3	210	ug/Kg
206-44-0	Fluoranthene	1900		53	99.5	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:	DDC99			SDG No.:	BM093024
Lab Sample ID:	P4018-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.1
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
BM047715.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	960		53	51.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	99.5	400	ug/Kg
56-55-3	Benzo(a)anthracene	700		47	51.3	210	ug/Kg
218-01-9	Chrysene	740		54	51.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	51.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	99.5	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	780		51	51.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	220		54	51.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	220		51	51.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	45	51.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	85	J	45	51.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	51.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	130	J	45	51.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.188		15-120		15	SPK: -8
7291-22-7	Pyridine-d5	0.34	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	7.429		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	6.456		10-150		16	SPK: -40
93951-73-6	2-Chlorophenol-d4	8.381		15-120		21	SPK: -40
190780-66-6	4-Methylphenol-d8	5.404		10-140		14	SPK: -40
4165-60-0	Nitrobenzene-d5	8.259		10-135		21	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.082		10-120		23	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.976		10-140		22	SPK: -40
191656-33-4	4-Chloroaniline-d4	5.018		1-145		13	SPK: -40
85448-30-2	Dimethylphthalate-d6	9.93		10-145		25	SPK: -40
93951-97-4	Acenaphthylene-d8	9.399		15-120		23	SPK: -40
93951-79-2	4-Nitrophenol-d4	5.321		10-150		13	SPK: -40
81103-79-9	Fluorene-d10	10.364		20-140		26	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:	DDC99			SDG No.:	BM093024
Lab Sample ID:	P4018-01			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.1
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
BM047715.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.394		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	9.91		10-150		25	SPK: -40
1718-52-1	Pyrene-d10	9.282		10-130		23	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	6.147		10-140		15	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	254745	7.81				
1146-65-2	Naphthalene-d8	1047011	10.604				
15067-26-2	Acenaphthene-d10	657737	14.445				
1517-22-2	Phenanthrene-d10	1358924	17.18				
1719-03-5	Chrysene-d12	1242986	21.41				
1520-96-3	Perylene-d12	1434559	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
007659-86-1	2-Ethylhexyl mercaptoacetate	270	J			14.357	
002141-42-6	Anthracene, 1,2,3,4-tetrahydro-	130	J			16.945	
000132-65-0	Dibenzothiophene	97	J			17.004	
001825-21-4	Anisole, 2,3,4,5,6-pentachloro-	99	J			17.798	
000613-12-7	Anthracene, 2-methyl-	150	J			18.057	
002531-84-2	Phenanthrene, 2-methyl-	180	J			18.104	
000203-64-5	4H-Cyclopenta[def]phenanthrene	230	J			18.251	
000612-94-2	Naphthalene, 2-phenyl-	91	J			18.557	
005737-13-3	Cyclopenta(def)phenanthrenone	84	J			19.11	
002381-21-7	Pyrene, 1-methyl-	96	J			19.916	
000238-84-6	11H-Benzo[a]fluorene	200	J			20.086	
000243-17-4	11H-Benzo[b]fluorene	100	J			20.186	
000239-35-0	Benzo[b]naphtho[2,1-d]thiophene	110	J			21.01	
000225-51-4	Benz[c]acridine	110	J			21.104	
E966796	Total Alkanes	58	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:	DDCA1			SDG No.:	BM093024
Lab Sample ID:	P4018-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
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
BM047716.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8	81	ug/Kg
100-52-7	Benzaldehyde	91	U	91	100	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	43	U	43	100	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	100	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.7	210	ug/Kg
95-48-7	2-Methylphenol	36	U	36	100	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	100	400	ug/Kg
98-86-2	Acetophenone	46	U	46	100	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	100	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.7	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.7	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	51.7	210	ug/Kg
78-59-1	Isophorone	820		41	51.7	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	74	J	47	51.7	210	ug/Kg
91-20-3	Naphthalene	740		41	51.7	210	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.7	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.7	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	1500		50	51.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	2400		45	51.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96	U	96	100	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	J	52	51.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.7	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:	DDCA1			SDG No.:	BM093024
Lab Sample ID:	P4018-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
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
BM047716.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	190	J	58	51.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	51.7	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.7	210	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	51.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	51.7	210	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51.7	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	100	400	ug/Kg
83-32-9	Acenaphthene	65	J	50	51.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	400	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	100	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	51.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.7	210	ug/Kg
84-66-2	Diethylphthalate	73	U	73	51.7	210	ug/Kg
86-73-7	Fluorene	170	J	55	51.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.7	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	100	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	100	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	51.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	51.7	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	51.7	210	ug/Kg
1912-24-9	Atrazine	47	U	47	100	400	ug/Kg
87-86-5	Pentachlorophenol	120000	E	110	100	400	ug/Kg
85-01-8	Phenanthrene	430		54	51.7	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51.7	210	ug/Kg
120-12-7	Anthracene	52	U	52	51.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.7	210	ug/Kg
86-74-8	Carbazole	55	U	55	100	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.7	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:	DDCA1			SDG No.:	BM093024
Lab Sample ID:	P4018-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
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
BM047716.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	51.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.7	210	ug/Kg
218-01-9	Chrysene	55	U	55	51.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	51.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	100	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	51.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	55	U	55	51.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	51	U	51	51.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	51.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	51.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	51.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	18000	E	45	51.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	1.198		15-120		15	SPK: -8
7291-22-7	Pyridine-d5	0.916	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	6.597		10-130		16	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.201		10-150		23	SPK: -40
93951-73-6	2-Chlorophenol-d4	6.722		15-120		17	SPK: -40
190780-66-6	4-Methylphenol-d8	8.577		10-140		21	SPK: -40
4165-60-0	Nitrobenzene-d5	8.681		10-135		22	SPK: -40
93951-78-1	2-Nitrophenol-d4	9.766		10-120		24	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	6.511		10-140		16	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.589		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	8.725		10-145		22	SPK: -40
93951-97-4	Acenaphthylene-d8	8.578		15-120		21	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.348		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	8.903		20-140		22	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:	DDCA1			SDG No.:	BM093024
Lab Sample ID:	P4018-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
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
BM047716.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.179		10-130		15	SPK: -40
1719-06-8	Anthracene-d10	8.255		10-150		21	SPK: -40
1718-52-1	Pyrene-d10	7.692		10-130		19	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	4.531		10-140		11	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	254069	7.816				
1146-65-2	Naphthalene-d8	973327	10.61				
15067-26-2	Acenaphthene-d10	636919	14.451				
1517-22-2	Phenanthrene-d10	1148901	17.204				
1719-03-5	Chrysene-d12	1120452	21.409				
1520-96-3	Perylene-d12	1286460	24.421				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.846	1300	J			5.846	
	(DEL) Alkane: Straight-Chain6.098	310	J			6.098	
	(DEL) Alkane: Straight-Chain6.316	370	J			6.316	
	(DEL) Alkane: Straight-Chain6.387	410	J			6.387	
	(DEL) Alkane: Cyclic6.463	480	J			6.463	
	unknown-01	340	J			6.722	
	(DEL) Alkane: Straight-Chain6.787	290	J			6.787	
	(DEL) Alkane: Straight-Chain6.822	560	J			6.822	
	(DEL) Alkane: Straight-Chain6.881	640	J			6.881	
000611-14-3	Benzene, 1-ethyl-2-methyl-	570	J			6.91	
000108-67-8	Mesitylene	590	J			7.045	
000622-96-8	Benzene, 1-ethyl-4-methyl-	480	J			7.21	
019549-80-5	2-Heptanone, 4,6-dimethyl-	280	J			7.251	
	(DEL) Alkane: Straight-Chain7.463	2800	J			7.463	
000104-76-7	1-Hexanol, 2-ethyl-	2100	J			7.898	
000526-73-8	Benzene, 1,2,3-trimethyl-	490	J			7.939	
	(DEL) Alkane: Straight-Chain8.016	380	J			8.016	

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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:	DDCA1			SDG No.:	BM093024
Lab Sample ID:	P4018-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
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
BM047716.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-02	480	J			8.045	
	(DEL) Alkane: Cyclic8.116	410	J			8.116	
000141-93-5	Benzene, 1,3-diethyl-	290	J			8.316	
001074-43-7	Benzene, 1-methyl-3-propyl-	880	J			8.363	
	(DEL) Alkane: Straight-Chain8.416	400	J			8.416	
	(DEL) Alkane: Straight-Chain8.592	640	J			8.592	
001074-55-1	Benzene, 1-methyl-4-propyl-	400	J			8.628	
000527-84-4	o-Cymene	330	J			8.775	
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	410	J			8.828	
	(DEL) Alkane: Straight-Chain9.063	2100	J			9.063	
002050-24-0	Benzene, 1,3-diethyl-5-methyl-	740	J			9.181	
000504-20-1	Phorone	300	J			9.251	
	(DEL) Alkane: Straight-Chain9.904	210	J			9.904	
	(DEL) Alkane: Straight-Chain9.969	140	J			9.969	
	(DEL) Alkane: Straight-Chain10.051	150	J			10.051	
	unknown-03	430	J			10.998	
	unknown-04	300	J			11.304	
	(DEL) Alkane: Straight-Chain11.645	250	J			11.645	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	940	J			11.716	
	unknown-05	380	J			11.88	
	(DEL) Alkane: Straight-Chain12.045	540	J			12.045	
	unknown-06	310	J			12.08	
018108-72-0	5-Methylthiopyridin-2-ol	250	J			12.139	
116436-59-0	3-Trifluoroacetoxy-6-ethyldecane	220	J			12.692	
1000357-85-7	Carbonic acid, neopentyl 2-ethylhe	810	J			14.386	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	270	J			15.216	
	(DEL) Alkane: Straight-Chain15.310	350	J			15.31	
	(DEL) Alkane: Straight-Chain15.716	110	J			15.716	
	(DEL) Alkane: Straight-Chain15.927	450	J			15.927	
	(DEL) Alkane: Straight-Chain16.174	1800	J			16.174	

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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:	DDCA1			SDG No.:	BM093024
Lab Sample ID:	P4018-03			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.8
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
BM047716.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-07	690	J			16.304	
	unknown-08	610	J			16.374	
	(DEL) Alkane: Straight-Chain17.015	1200	J			17.015	
093946-48-6	2-Amino-5-isopropyl-8-methyl-1-azu	840	J			17.492	
	(DEL) Alkane: Straight-Chain17.692	1300	J			17.692	
000489-84-9	Azulene, 1,4-dimethyl-7-(1-methyle	450	J			17.774	
000112-39-0	Hexadecanoic acid, methyl ester	620	J			17.862	
	(DEL) Alkane: Straight-Chain18.386	960	J			18.386	
	(DEL) Alkane: Straight-Chain19.015	790	J			19.015	
	(DEL) Alkane: Straight-Chain20.121	800	J			20.121	
	(DEL) Alkane: Straight-Chain21.092	810	J			21.092	
	(DEL) Alkane: Straight-Chain22.180	490	J			22.18	
	unknown-09	390	J			26.597	
E966796	Total Alkanes	21000				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:	DDCB4			SDG No.:	BM093024
Lab Sample ID:	P4018-08			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
BM047717.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.5	76	ug/Kg
100-52-7	Benzaldehyde	85	U	85	93.8	380	ug/Kg
110-86-1	Pyridine	49	U	49	190	380	ug/Kg
108-95-2	Phenol	40	U	40	93.8	380	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	39	U	39	93.8	380	ug/Kg
95-57-8	2-Chlorophenol	32	U	32	48.3	190	ug/Kg
95-48-7	2-Methylphenol	34	U	34	93.8	380	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	31	U	31	93.8	380	ug/Kg
98-86-2	Acetophenone	43	U	43	93.8	380	ug/Kg
106-44-5	4-Methylphenol	36	U	36	93.8	380	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	33	U	33	48.3	190	ug/Kg
67-72-1	Hexachloroethane	26	U	26	48.3	190	ug/Kg
98-95-3	Nitrobenzene	41	U	41	48.3	190	ug/Kg
78-59-1	Isophorone	39	U	39	48.3	190	ug/Kg
88-75-5	2-Nitrophenol	36	U	36	48.3	190	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	48.3	190	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	48.3	190	ug/Kg
120-83-2	2,4-Dichlorophenol	44	U	44	48.3	190	ug/Kg
91-20-3	Naphthalene	790		39	48.3	190	ug/Kg
106-47-8	4-Chloroaniline	49	U	49	48.3	380	ug/Kg
87-68-3	Hexachlorobutadiene	39	U	39	48.3	190	ug/Kg
105-60-2	Caprolactam	140	U	140	93.8	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	32	U	32	48.3	190	ug/Kg
90-12-0	1-Methylnaphthalene	1200		47	48.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	1800		42	48.3	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	90	U	90	93.8	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	150	J	49	48.3	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	48	U	48	48.3	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:	DDCB4			SDG No.:	BM093024
Lab Sample ID:	P4018-08			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
BM047717.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	140	J	55	48.3	190	ug/Kg
91-58-7	2-Chloronaphthalene	51	U	51	48.3	190	ug/Kg
88-74-4	2-Nitroaniline	25	U	25	48.3	190	ug/Kg
131-11-3	Dimethylphthalate	48	U	48	48.3	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	24	U	24	48.3	190	ug/Kg
208-96-8	Acenaphthylene	49	U	49	48.3	190	ug/Kg
99-09-2	3-Nitroaniline	23	U	23	93.8	380	ug/Kg
83-32-9	Acenaphthene	47	U	47	48.3	190	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	93.8	380	ug/Kg
100-02-7	4-Nitrophenol	47	U	47	93.8	380	ug/Kg
132-64-9	Dibenzofuran	52	U	52	48.3	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	31	U	31	48.3	190	ug/Kg
84-66-2	Diethylphthalate	68	U	68	48.3	190	ug/Kg
86-73-7	Fluorene	90	J	51	48.3	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	53	U	53	48.3	190	ug/Kg
100-01-6	4-Nitroaniline	48	U	48	93.8	380	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	93.8	380	ug/Kg
86-30-6	N-Nitrosodiphenylamine	48	U	48	48.3	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58	U	58	48.3	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	51	U	51	48.3	190	ug/Kg
118-74-1	Hexachlorobenzene	57	U	57	48.3	190	ug/Kg
1912-24-9	Atrazine	44	U	44	93.8	380	ug/Kg
87-86-5	Pentachlorophenol	85000	E	99	93.8	380	ug/Kg
85-01-8	Phenanthrene	310		50	48.3	190	ug/Kg
608-93-5	Pentachlorobenzene	58	U	58	48.3	190	ug/Kg
120-12-7	Anthracene	49	U	49	48.3	190	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	38	U	38	48.3	190	ug/Kg
86-74-8	Carbazole	51	U	51	93.8	380	ug/Kg
84-74-2	Di-n-butylphthalate	48	U	48	48.3	190	ug/Kg
206-44-0	Fluoranthene	50	U	50	93.8	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:	DDCB4			SDG No.:	BM093024
Lab Sample ID:	P4018-08			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
BM047717.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	50	U	50	48.3	190	ug/Kg
85-68-7	Butylbenzylphthalate	36	U	36	48.3	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	26	U	26	93.8	380	ug/Kg
56-55-3	Benzo(a)anthracene	44	U	44	48.3	190	ug/Kg
218-01-9	Chrysene	51	U	51	48.3	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	51	J	50	48.3	190	ug/Kg
117-84-0	Di-n-octyl phthalate	39	U	39	93.8	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	48.3	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	51	U	51	48.3	190	ug/Kg
50-32-8	Benzo(a)pyrene	48	U	48	48.3	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	42	U	42	48.3	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	42	U	42	48.3	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	40	U	40	48.3	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	17000	E	42	48.3	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.375		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	0.823	*	20-120		2	SPK: -40
4165-62-2	Phenol-d5	14.46		10-130		36	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.143		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.201		15-120		43	SPK: -40
190780-66-6	4-Methylphenol-d8	10.499		10-140		26	SPK: -40
4165-60-0	Nitrobenzene-d5	21.856		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.024		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.602		10-140		52	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.257		1-145		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.053		10-145		43	SPK: -40
93951-97-4	Acenaphthylene-d8	17.639		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.011		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	17.44		20-140		44	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:	DDCB4			SDG No.:	BM093024
Lab Sample ID:	P4018-08			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
BM047717.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.824		10-130		35	SPK: -40
1719-06-8	Anthracene-d10	17.557		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	18.957		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.847		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	292914	7.816				
1146-65-2	Naphthalene-d8	995247	10.61				
15067-26-2	Acenaphthene-d10	706717	14.451				
1517-22-2	Phenanthrene-d10	1301298	17.198				
1719-03-5	Chrysene-d12	1263027	21.404				
1520-96-3	Perylene-d12	1499473	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.840	300	J			5.84	
	(DEL) Alkane: Straight-Chain6.875	330	J			6.875	
000108-67-8	Mesitylene	340	J			7.04	
	(DEL) Alkane: Straight-Chain7.452	2100	J			7.452	
000104-76-7	1-Hexanol, 2-ethyl-	790	J			7.881	
	(DEL) Alkane: Cyclic8.110	290	J			8.11	
	(DEL) Alkane: Straight-Chain8.357	630	J			8.357	
	(DEL) Alkane: Straight-Chain8.416	310	J			8.416	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	400	J			8.457	
	(DEL) Alkane: Straight-Chain8.593	690	J			8.593	
001074-55-1	Benzene, 1-methyl-4-propyl-	350	J			8.622	
000527-84-4	o-Cymene	300	J			8.775	
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl)-	440	J			8.822	
	(DEL) Alkane: Straight-Chain9.057	2800	J			9.057	
002096-86-8	4-Methylphenyl acetone	700	J			9.175	
	unknown-01	79	J			9.751	
	(DEL) Alkane: Straight-Chain9.898	120	J			9.898	

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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:	DDCB4			SDG No.:	BM093024
Lab Sample ID:	P4018-08			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
BM047717.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	unknown-02	280	J			10.998	
	(DEL) Alkane: Straight-Chain11.122	92	J			11.122	
	unknown-03	110	J			11.304	
	(DEL) Alkane: Straight-Chain11.645	170	J			11.645	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	350	J			11.716	
	(DEL) Alkane: Straight-Chain11.881	94	J			11.881	
	(DEL) Alkane: Straight-Chain12.045	380	J			12.045	
	unknown-04	94	J			12.081	
021416-67-1	Razoxane	91	J			12.14	
	unknown-05	1200	J			12.687	
	unknown-06	600	J			13.504	
000575-41-7	Naphthalene, 1,3-dimethyl-	870	J			13.634	
000581-40-8	Naphthalene, 2,3-dimethyl-	710	J			13.775	
1000432-25-9	3-Ethyl-2,6,10-trimethylundecane	630	J			13.945	
	(DEL) Alkane: Straight-Chain14.375	5000	J			14.375	
	unknown-07	440	J			14.534	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	480	J			14.851	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	450	J			14.922	
	(DEL) Alkane: Straight-Chain14.980	560	J			14.98	
032962-25-7	1H-Indole, 4-(3-methyl-2-butenyl)-	1100	J			15.216	
	(DEL) Alkane: Straight-Chain15.310	2200	J			15.31	
	(DEL) Alkane: Straight-Chain15.716	790	J			15.716	
	(DEL) Alkane: Straight-Chain15.804	490	J			15.804	
	(DEL) Alkane: Straight-Chain15.863	190	J			15.863	
	(DEL) Alkane: Straight-Chain15.922	230	J			15.922	
	(DEL) Alkane: Straight-Chain16.169	1100	J			16.169	
1000420-42-1	Acetamide, 2-(4-methoxyphenyl)-N-m	300	J			16.292	
	unknown-08	300	J			16.363	
	(DEL) Alkane: Straight-Chain17.010	630	J			17.01	
126584-00-7	1,5,6,7-Tetramethyl-3-phenylbicycl	350	J			17.486	

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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:	DDCB4			SDG No.:	BM093024
Lab Sample ID:	P4018-08			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
BM047717.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain17.692	690	J			17.692	
000489-84-9	Azulene, 1,4-dimethyl-7-(1-methyle	450	J			17.769	
005129-60-2	Pentadecanoic acid, 14-methyl-, me	200	J			17.863	
	(DEL) Alkane: Straight-Chain18.380	490	J			18.38	
	(DEL) Alkane: Straight-Chain19.015	600	J			19.015	
	(DEL) Alkane: Straight-Chain20.116	1200	J			20.116	
	(DEL) Alkane: Straight-Chain20.610	780	J			20.61	
1000383-13-6	Carbonic acid, 2-ethylhexyl nonyl	1900	J			21.092	
	(DEL) Alkane: Straight-Chain21.610	860	J			21.61	
1000383-14-3	Carbonic acid, 2-ethylhexyl hexade	770	J			22.062	
	(DEL) Alkane: Straight-Chain22.180	1300	J			22.18	
	(DEL) Alkane: Straight-Chain22.827	610	J			22.827	
E966796	Total Alkanes	26000				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:	DDCA6DL			SDG No.:	BM093024
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
BM047718.D	5	9/16/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	73	U	73	37.2	380	ug/Kg
100-52-7	Benzaldehyde	420	U	420	460	1900	ug/Kg
110-86-1	Pyridine	240	U	240	930	1900	ug/Kg
108-95-2	Phenol	200	U	200	460	1900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	190	U	190	460	1900	ug/Kg
95-57-8	2-Chlorophenol	160	U	160	240	960	ug/Kg
95-48-7	2-Methylphenol	170	U	170	460	1900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	U	150	460	1900	ug/Kg
98-86-2	Acetophenone	210	U	210	460	1900	ug/Kg
106-44-5	4-Methylphenol	180	U	180	460	1900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	160	U	160	240	960	ug/Kg
67-72-1	Hexachloroethane	130	U	130	240	960	ug/Kg
98-95-3	Nitrobenzene	200	U	200	240	960	ug/Kg
78-59-1	Isophorone	190	U	190	240	960	ug/Kg
88-75-5	2-Nitrophenol	180	U	180	240	960	ug/Kg
105-67-9	2,4-Dimethylphenol	160	U	160	240	960	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	210	U	210	240	960	ug/Kg
120-83-2	2,4-Dichlorophenol	220	U	220	240	960	ug/Kg
91-20-3	Naphthalene	190	U	190	240	960	ug/Kg
106-47-8	4-Chloroaniline	240	U	240	240	1900	ug/Kg
87-68-3	Hexachlorobutadiene	190	U	190	240	960	ug/Kg
105-60-2	Caprolactam	680	U	680	460	1900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	160	U	160	240	960	ug/Kg
90-12-0	1-Methylnaphthalene	230	U	230	240	960	ug/Kg
91-57-6	2-Methylnaphthalene	320	JD	210	240	960	ug/Kg
77-47-4	Hexachlorocyclopentadiene	440	U	440	460	1900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	240	U	240	240	960	ug/Kg
95-95-4	2,4,5-Trichlorophenol	240	U	240	240	960	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.:	BM093024
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
BM047718.D	5	9/16/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	270	U	270	240	960	ug/Kg
91-58-7	2-Chloronaphthalene	250	U	250	240	960	ug/Kg
88-74-4	2-Nitroaniline	120	U	120	240	960	ug/Kg
131-11-3	Dimethylphthalate	240	U	240	240	960	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	U	120	240	960	ug/Kg
208-96-8	Acenaphthylene	240	U	240	240	960	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	460	1900	ug/Kg
83-32-9	Acenaphthene	230	U	230	240	960	ug/Kg
51-28-5	2,4-Dinitrophenol	680	U	680	460	1900	ug/Kg
100-02-7	4-Nitrophenol	230	U	230	460	1900	ug/Kg
132-64-9	Dibenzofuran	260	U	260	240	960	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	U	150	240	960	ug/Kg
84-66-2	Diethylphthalate	340	U	340	240	960	ug/Kg
86-73-7	Fluorene	250	U	250	240	960	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	260	U	260	240	960	ug/Kg
100-01-6	4-Nitroaniline	240	U	240	460	1900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	90	U	90	460	1900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	240	U	240	240	960	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	290	U	290	240	960	ug/Kg
101-55-3	4-Bromophenyl-phenylether	250	U	250	240	960	ug/Kg
118-74-1	Hexachlorobenzene	280	U	280	240	960	ug/Kg
1912-24-9	Atrazine	220	U	220	460	1900	ug/Kg
87-86-5	Pentachlorophenol	49000	ED	490	460	1900	ug/Kg
85-01-8	Phenanthrene	250	U	250	240	960	ug/Kg
608-93-5	Pentachlorobenzene	290	U	290	240	960	ug/Kg
120-12-7	Anthracene	240	U	240	240	960	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	190	U	190	240	960	ug/Kg
86-74-8	Carbazole	250	U	250	460	1900	ug/Kg
84-74-2	Di-n-butylphthalate	240	U	240	240	960	ug/Kg
206-44-0	Fluoranthene	250	U	250	460	960	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.:	BM093024
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
BM047718.D	5	9/16/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	250	U	250	240	960	ug/Kg
85-68-7	Butylbenzylphthalate	180	U	180	240	960	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	460	1900	ug/Kg
56-55-3	Benzo(a)anthracene	220	U	220	240	960	ug/Kg
218-01-9	Chrysene	250	U	250	240	960	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	250	U	250	240	960	ug/Kg
117-84-0	Di-n-octyl phthalate	190	U	190	460	1900	ug/Kg
205-99-2	Benzo(b)fluoranthene	240	U	240	240	960	ug/Kg
207-08-9	Benzo(k)fluoranthene	250	U	250	240	960	ug/Kg
50-32-8	Benzo(a)pyrene	240	U	240	240	960	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	210	U	210	240	960	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	210	U	210	240	960	ug/Kg
191-24-2	Benzo(g,h,i)perylene	200	U	200	240	960	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4400	D	210	240	960	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.63		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	12.365		20-120		31	SPK: -40
4165-62-2	Phenol-d5	17.605		10-130		44	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.88		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	21.24		15-120		53	SPK: -40
190780-66-6	4-Methylphenol-d8	20.68		10-140		52	SPK: -40
4165-60-0	Nitrobenzene-d5	20		10-135		50	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.845		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.8		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.255		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	23.76		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	13.47		10-150		34	SPK: -40
81103-79-9	Fluorene-d10	25.21		20-140		63	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.:	BM093024
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
BM047718.D	5	9/16/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	13.095		10-130		33	SPK: -40
1719-06-8	Anthracene-d10	24.24		10-150		61	SPK: -40
1718-52-1	Pyrene-d10	25.645		10-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.37		10-140		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	190819	7.81				
1146-65-2	Naphthalene-d8	783395	10.604				
15067-26-2	Acenaphthene-d10	493576	14.445				
1517-22-2	Phenanthrene-d10	1013123	17.186				
1719-03-5	Chrysene-d12	963799	21.403				
1520-96-3	Perylene-d12	1115515	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.840	1200	JD			5.84	
	(DEL) Alkane: Straight-Chain6.381	380	JD			6.381	
	(DEL) Alkane: Cyclic6.463	520	JD			6.463	
	(DEL) Alkane: Straight-Chain6.816	580	JD			6.816	
	(DEL) Alkane: Straight-Chain6.869	680	JD			6.869	
000620-14-4	Benzene, 1-ethyl-3-methyl-	560	JD			6.91	
000108-67-8	Mesitylene	570	JD			7.04	
000611-14-3	Benzene, 1-ethyl-2-methyl-	450	JD			7.204	
	(DEL) Alkane: Straight-Chain7.445	4400	JD			7.445	
000104-76-7	1-Hexanol, 2-ethyl-	2100	JD			7.881	
000526-73-8	Benzene, 1,2,3-trimethyl-	480	JD			7.934	
	(DEL) Alkane: Cyclic8.110	460	JD			8.11	
	(DEL) Alkane: Straight-Chain8.357	870	JD			8.357	
	(DEL) Alkane: Straight-Chain8.410	390	JD			8.41	
000135-01-3	Benzene, 1,2-diethyl-	690	JD			8.457	
	(DEL) Alkane: Straight-Chain8.587	690	JD			8.587	
001074-17-5	Benzene, 1-methyl-2-propyl-	420	JD			8.622	

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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.:	BM093024
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
BM047718.D	5	9/16/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000527-84-4	o-Cymene	480	JD			8.816	
	(DEL) Alkane: Straight-Chain9.051	3300	JD			9.051	
059564-59-9	3,4-Dihydro-2-[1H]quinoxalinone	660	JD			9.175	
000504-20-1	Phorone	390	JD			9.245	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	550	JD			10.992	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	1100	JD			11.71	
	unknown-01	470	JD			11.875	
	(DEL) Alkane: Straight-Chain12.039	720	JD			12.039	
1000383-13-3	Carbonic acid, isobutyl 2-ethylhex	790	JD			12.686	
	(DEL) Alkane: Straight-Chain13.280	850	JD			13.28	
000571-61-9	Naphthalene, 1,5-dimethyl-	480	JD			13.627	
	unknown-02	510	JD			14.08	
000629-82-3	Octane, 1,1-oxybis-	11000	JD			14.357	
004948-51-0	9-Methyl-S-octahydroanthracene	530	JD			15.133	
075122-81-5	Methyl 2-diethylamino-3-methyl-but	1800	JD			15.204	
007425-14-1	2-Ethylhexyl 2-ethylhexanoate	540	JD			15.28	
1000372-71-7	Pentan-2-yl 2-methylbutanoate	930	JD			15.304	
	(DEL) Alkane: Straight-Chain15.710	380	JD			15.71	
000119-61-9	Benzophenone	470	JD			15.804	
	unknown-03	640	JD			16.074	
	(DEL) Alkane: Straight-Chain16.163	870	JD			16.163	
	(DEL) Alkane: Straight-Chain16.951	780	JD			16.951	
	(DEL) Alkane: Straight-Chain17.004	500	JD			17.004	
187328-55-8	9,9-Dimethyl-9-sila-9,10-dihydroph	400	JD			17.474	
	(DEL) Alkane: Straight-Chain17.686	580	JD			17.686	
	(DEL) Alkane: Straight-Chain18.380	430	JD			18.38	
E966796	Total Alkanes	19000	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:	DDCA7DL			SDG No.:	BM093024
Lab Sample ID:	P3927-21DL			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
BM047719.D	10	9/16/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	170	U	170	84.6	850	ug/Kg
100-52-7	Benzaldehyde	960	U	960	1100	4200	ug/Kg
110-86-1	Pyridine	550	U	550	2100	4200	ug/Kg
108-95-2	Phenol	450	U	450	1100	4200	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	440	U	440	1100	4200	ug/Kg
95-57-8	2-Chlorophenol	360	U	360	540	2200	ug/Kg
95-48-7	2-Methylphenol	380	U	380	1100	4200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	350	U	350	1100	4200	ug/Kg
98-86-2	Acetophenone	490	U	490	1100	4200	ug/Kg
106-44-5	4-Methylphenol	410	U	410	1100	4200	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	370	U	370	540	2200	ug/Kg
67-72-1	Hexachloroethane	290	U	290	540	2200	ug/Kg
98-95-3	Nitrobenzene	460	U	460	540	2200	ug/Kg
78-59-1	Isophorone	440	U	440	540	2200	ug/Kg
88-75-5	2-Nitrophenol	410	U	410	540	2200	ug/Kg
105-67-9	2,4-Dimethylphenol	360	U	360	540	2200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	490	U	490	540	2200	ug/Kg
120-83-2	2,4-Dichlorophenol	500	U	500	540	2200	ug/Kg
91-20-3	Naphthalene	440	U	440	540	2200	ug/Kg
106-47-8	4-Chloroaniline	550	U	550	540	4200	ug/Kg
87-68-3	Hexachlorobutadiene	440	U	440	540	2200	ug/Kg
105-60-2	Caprolactam	1500	U	1500	1100	4200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	360	U	360	540	2200	ug/Kg
90-12-0	1-Methylnaphthalene	530	U	530	540	2200	ug/Kg
91-57-6	2-Methylnaphthalene	470	U	470	540	2200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	1000	U	1000	1100	4200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	550	U	550	540	2200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	540	U	540	540	2200	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:	DDCA7DL			SDG No.:	BM093024
Lab Sample ID:	P3927-21DL			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
BM047719.D	10	9/16/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	610	U	610	540	2200	ug/Kg
91-58-7	2-Chloronaphthalene	580	U	580	540	2200	ug/Kg
88-74-4	2-Nitroaniline	280	U	280	540	2200	ug/Kg
131-11-3	Dimethylphthalate	540	U	540	540	2200	ug/Kg
606-20-2	2,6-Dinitrotoluene	270	U	270	540	2200	ug/Kg
208-96-8	Acenaphthylene	550	U	550	540	2200	ug/Kg
99-09-2	3-Nitroaniline	260	U	260	1100	4200	ug/Kg
83-32-9	Acenaphthene	530	U	530	540	2200	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1100	4200	ug/Kg
100-02-7	4-Nitrophenol	530	U	530	1100	4200	ug/Kg
132-64-9	Dibenzofuran	590	U	590	540	2200	ug/Kg
121-14-2	2,4-Dinitrotoluene	350	U	350	540	2200	ug/Kg
84-66-2	Diethylphthalate	770	U	770	540	2200	ug/Kg
86-73-7	Fluorene	580	U	580	540	2200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	600	U	600	540	2200	ug/Kg
100-01-6	4-Nitroaniline	540	U	540	1100	4200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	200	1100	4200	ug/Kg
86-30-6	N-Nitrosodiphenylamine	540	U	540	540	2200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	650	U	650	540	2200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	580	U	580	540	2200	ug/Kg
118-74-1	Hexachlorobenzene	640	U	640	540	2200	ug/Kg
1912-24-9	Atrazine	500	U	500	1100	4200	ug/Kg
87-86-5	Pentachlorophenol	16000	D	1100	1100	4200	ug/Kg
85-01-8	Phenanthrene	560	U	560	540	2200	ug/Kg
608-93-5	Pentachlorobenzene	650	U	650	540	2200	ug/Kg
120-12-7	Anthracene	550	U	550	540	2200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	420	U	420	540	2200	ug/Kg
86-74-8	Carbazole	580	U	580	1100	4200	ug/Kg
84-74-2	Di-n-butylphthalate	540	U	540	540	2200	ug/Kg
206-44-0	Fluoranthene	560	U	560	1100	2200	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:	DDCA7DL			SDG No.:	BM093024
Lab Sample ID:	P3927-21DL			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
BM047719.D	10	9/16/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	560	U	560	540	2200	ug/Kg
85-68-7	Butylbenzylphthalate	410	U	410	540	2200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	290	U	290	1100	4200	ug/Kg
56-55-3	Benzo(a)anthracene	500	U	500	540	2200	ug/Kg
218-01-9	Chrysene	580	U	580	540	2200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	560	U	560	540	2200	ug/Kg
117-84-0	Di-n-octyl phthalate	440	U	440	1100	4200	ug/Kg
205-99-2	Benzo(b)fluoranthene	540	U	540	540	2200	ug/Kg
207-08-9	Benzo(k)fluoranthene	580	U	580	540	2200	ug/Kg
50-32-8	Benzo(a)pyrene	540	U	540	540	2200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	470	U	470	540	2200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	470	U	470	540	2200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	450	U	450	540	2200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800	JD	470	540	2200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.09		15-120		39	SPK: -8
7291-22-7	Pyridine-d5	12.55		20-120		31	SPK: -40
4165-62-2	Phenol-d5	15.98		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.66		10-150		37	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.2		15-120		46	SPK: -40
190780-66-6	4-Methylphenol-d8	17.24		10-140		43	SPK: -40
4165-60-0	Nitrobenzene-d5	17.81		10-135		45	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.73		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	18.55		10-140		46	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.23		1-145		41	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.08		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	21.75		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.76		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	23.66		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:	DDCA7DL			SDG No.:	BM093024
Lab Sample ID:	P3927-21DL			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
BM047719.D	10	9/16/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163431

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.49		10-130		21	SPK: -40
1719-06-8	Anthracene-d10	23.15		10-150		58	SPK: -40
1718-52-1	Pyrene-d10	24.85		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.49		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	192345	7.81				
1146-65-2	Naphthalene-d8	773741	10.604				
15067-26-2	Acenaphthene-d10	486021	14.445				
1517-22-2	Phenanthrene-d10	1020728	17.18				
1719-03-5	Chrysene-d12	956586	21.403				
1520-96-3	Perylene-d12	1119364	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
000104-76-7	1-Hexanol, 2-ethyl-	1400	JD			7.881	
E966796	Total Alkanes	610	U			99	ug/Kg

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	SBLK513			SDG No.:	BM093024
Lab Sample ID:	PB163513BL			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
BM047721.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

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

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	SBLK513			SDG No.:	BM093024
Lab Sample ID:	PB163513BL			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
BM047721.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

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:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	SBLK513			SDG No.:	BM093024
Lab Sample ID:	PB163513BL			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
BM047721.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.076		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	20.282		20-120		51	SPK: -40
4165-62-2	Phenol-d5	20.526		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.366		10-150		46	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.773		15-120		59	SPK: -40
190780-66-6	4-Methylphenol-d8	21.476		10-140		54	SPK: -40
4165-60-0	Nitrobenzene-d5	23.811		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.167		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.397		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.485		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.472		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.591		15-120		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.538		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	22.581		20-140		56	SPK: -40

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Report of Analysis

Client:				Date Collected:	9/19/2024 12:00:00 AM
Project:				Date Received:	9/19/2024 12:00:00 AM
Client Sample ID:	SBLK513			SDG No.:	BM093024
Lab Sample ID:	PB163513BL			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
BM047721.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.971		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	22.55		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	23.768		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.619		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	272415	7.81				
1146-65-2	Naphthalene-d8	1113349	10.604				
15067-26-2	Acenaphthene-d10	695304	14.445				
1517-22-2	Phenanthrene-d10	1376278	17.18				
1719-03-5	Chrysene-d12	1272773	21.403				
1520-96-3	Perylene-d12	1494125	24.409				
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:	DDCE2			SDG No.:	BM093024
Lab Sample ID:	P4018-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047722.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

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

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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:	DDCE2			SDG No.:	BM093024
Lab Sample ID:	P4018-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047722.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	59	U	59	52.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	55	U	55	52.2	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	52.2	210	ug/Kg
131-11-3	Dimethylphthalate	52	U	52	52.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	52.2	210	ug/Kg
208-96-8	Acenaphthylene	53	U	53	52.2	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	410	ug/Kg
83-32-9	Acenaphthene	50	U	50	52.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	410	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	100	410	ug/Kg
132-64-9	Dibenzofuran	56	U	56	52.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	52.2	210	ug/Kg
84-66-2	Diethylphthalate	74	U	74	52.2	210	ug/Kg
86-73-7	Fluorene	55	U	55	52.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	58	U	58	52.2	210	ug/Kg
100-01-6	4-Nitroaniline	52	U	52	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	52	U	52	52.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	63	U	63	52.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	55	U	55	52.2	210	ug/Kg
118-74-1	Hexachlorobenzene	61	U	61	52.2	210	ug/Kg
1912-24-9	Atrazine	48	U	48	100	410	ug/Kg
87-86-5	Pentachlorophenol	18000	E	110	100	410	ug/Kg
85-01-8	Phenanthrene	54	U	54	52.2	210	ug/Kg
608-93-5	Pentachlorobenzene	63	U	63	52.2	210	ug/Kg
120-12-7	Anthracene	53	U	53	52.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	41	U	41	52.2	210	ug/Kg
86-74-8	Carbazole	55	U	55	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	52	U	52	52.2	210	ug/Kg
206-44-0	Fluoranthene	54	U	54	100	210	ug/Kg

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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:	DDCE2			SDG No.:	BM093024
Lab Sample ID:	P4018-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047722.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	54	U	54	52.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	52.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	48	U	48	52.2	210	ug/Kg
218-01-9	Chrysene	55	U	55	52.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	54	U	54	52.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	42	U	42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	52	U	52	52.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	55	U	55	52.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	52	U	52	52.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	52.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	52.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	43	U	43	52.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	480		45	52.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.578		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	6.204	*	20-120		16	SPK: -40
4165-62-2	Phenol-d5	16.295		10-130		41	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.453		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	17.887		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	18.288		10-140		46	SPK: -40
4165-60-0	Nitrobenzene-d5	19		10-135		47	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.735		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.027		10-140		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.813		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.813		10-145		57	SPK: -40
93951-97-4	Acenaphthylene-d8	21.956		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	16.987		10-150		42	SPK: -40
81103-79-9	Fluorene-d10	23.149		20-140		58	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:	DDCE2			SDG No.:	BM093024
Lab Sample ID:	P4018-16			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.8
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047722.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.097		10-130		40	SPK: -40
1719-06-8	Anthracene-d10	22.681		10-150		57	SPK: -40
1718-52-1	Pyrene-d10	25.094		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.178		10-140		60	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	233131	7.81				
1146-65-2	Naphthalene-d8	950254	10.604				
15067-26-2	Acenaphthene-d10	590628	14.445				
1517-22-2	Phenanthrene-d10	1197900	17.18				
1719-03-5	Chrysene-d12	1094298	21.403				
1520-96-3	Perylene-d12	1265736	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	390	A			4.928	
000107-41-5	Hexylene glycol	540	J			6.134	
	unknown-01	130	J			8.051	
	unknown-02	100	J			10.486	
	(DEL) Alkane: Straight-Chain14.357	1000	J			14.357	
000119-61-9	Benzophenone	340	J			15.798	
000057-10-3	n-Hexadecanoic acid	120	J			18.074	
E966796	Total Alkanes	1000				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:	DDCE2MS			SDG No.:	BM093024
Lab Sample ID:	P4018-17MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.8
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047723.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	370		16	8.1	82	ug/Kg
100-52-7	Benzaldehyde	1200		92	100	410	ug/Kg
110-86-1	Pyridine	920		53	200	410	ug/Kg
108-95-2	Phenol	1100		43	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1000		42	100	410	ug/Kg
95-57-8	2-Chlorophenol	1200		34	52.3	210	ug/Kg
95-48-7	2-Methylphenol	1100		37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	830		33	100	410	ug/Kg
98-86-2	Acetophenone	1100		47	100	410	ug/Kg
106-44-5	4-Methylphenol	1100		39	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1000		36	52.3	210	ug/Kg
67-72-1	Hexachloroethane	1100		28	52.3	210	ug/Kg
98-95-3	Nitrobenzene	990		44	52.3	210	ug/Kg
78-59-1	Isophorone	1100		42	52.3	210	ug/Kg
88-75-5	2-Nitrophenol	1200		39	52.3	210	ug/Kg
105-67-9	2,4-Dimethylphenol	960		34	52.3	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100		47	52.3	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		48	52.3	210	ug/Kg
91-20-3	Naphthalene	1100		42	52.3	210	ug/Kg
106-47-8	4-Chloroaniline	1000		53	52.3	410	ug/Kg
87-68-3	Hexachlorobutadiene	1200		42	52.3	210	ug/Kg
105-60-2	Caprolactam	1400		150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		34	52.3	210	ug/Kg
90-12-0	1-Methylnaphthalene	1200		50	52.3	210	ug/Kg
91-57-6	2-Methylnaphthalene	1200		46	52.3	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	930		97	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		53	52.3	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1300		52	52.3	210	ug/Kg

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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:	DDCE2MS			SDG No.:	BM093024
Lab Sample ID:	P4018-17MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.8
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047723.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		59	52.3	210	ug/Kg
91-58-7	2-Chloronaphthalene	1100		55	52.3	210	ug/Kg
88-74-4	2-Nitroaniline	1000		27	52.3	210	ug/Kg
131-11-3	Dimethylphthalate	1200		52	52.3	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		26	52.3	210	ug/Kg
208-96-8	Acenaphthylene	1100		53	52.3	210	ug/Kg
99-09-2	3-Nitroaniline	1200		25	100	410	ug/Kg
83-32-9	Acenaphthene	1100		50	52.3	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		150	100	410	ug/Kg
100-02-7	4-Nitrophenol	1100		50	100	410	ug/Kg
132-64-9	Dibenzofuran	1100		57	52.3	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		33	52.3	210	ug/Kg
84-66-2	Diethylphthalate	1200		74	52.3	210	ug/Kg
86-73-7	Fluorene	1100		55	52.3	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		58	52.3	210	ug/Kg
100-01-6	4-Nitroaniline	1300		52	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1300		20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1200		52	52.3	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		63	52.3	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300		55	52.3	210	ug/Kg
118-74-1	Hexachlorobenzene	1200		61	52.3	210	ug/Kg
1912-24-9	Atrazine	1100		48	100	410	ug/Kg
87-86-5	Pentachlorophenol	19000	E	110	100	410	ug/Kg
85-01-8	Phenanthrene	1100		54	52.3	210	ug/Kg
608-93-5	Pentachlorobenzene	1100		63	52.3	210	ug/Kg
120-12-7	Anthracene	1100		53	52.3	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		41	52.3	210	ug/Kg
86-74-8	Carbazole	1200		55	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	1300		52	52.3	210	ug/Kg
206-44-0	Fluoranthene	1200		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:	DDCE2MS			SDG No.:	BM093024
Lab Sample ID:	P4018-17MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.8
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047723.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		54	52.3	210	ug/Kg
85-68-7	Butylbenzylphthalate	1400		39	52.3	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1000		28	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	1200		48	52.3	210	ug/Kg
218-01-9	Chrysene	1200		55	52.3	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		54	52.3	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		52	52.3	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1200		55	52.3	210	ug/Kg
50-32-8	Benzo(a)pyrene	1200		52	52.3	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		46	52.3	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		46	52.3	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		43	52.3	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		46	52.3	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.604		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	6.172	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	18.362		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.749		10-150		39	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.871		15-120		50	SPK: -40
190780-66-6	4-Methylphenol-d8	19.984		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	20.404		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.325		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.411		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.732		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.533		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	21.724		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.937		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	22.153		20-140		55	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:	DDCE2MS			SDG No.:	BM093024
Lab Sample ID:	P4018-17MS			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.8
Sample Wt/Vol:	30.04	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047723.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.048		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	22.069		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	24.108		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.454		10-140		59	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	248950	7.81				
1146-65-2	Naphthalene-d8	1066807	10.604				
15067-26-2	Acenaphthene-d10	665658	14.445				
1517-22-2	Phenanthrene-d10	1292015	17.186				
1719-03-5	Chrysene-d12	1206627	21.403				
1520-96-3	Perylene-d12	1355997	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	59	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:	DDCE2MSD			SDG No.:	BM093024
Lab Sample ID:	P4018-18MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.8
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047724.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350		16	8.1	82	ug/Kg
100-52-7	Benzaldehyde	1100		92	100	410	ug/Kg
110-86-1	Pyridine	890		53	200	410	ug/Kg
108-95-2	Phenol	1000		43	100	410	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1000		42	100	410	ug/Kg
95-57-8	2-Chlorophenol	1100		34	52.2	210	ug/Kg
95-48-7	2-Methylphenol	1100		37	100	410	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	810		33	100	410	ug/Kg
98-86-2	Acetophenone	1100		47	100	410	ug/Kg
106-44-5	4-Methylphenol	1100		39	100	410	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1000		36	52.2	210	ug/Kg
67-72-1	Hexachloroethane	1100		28	52.2	210	ug/Kg
98-95-3	Nitrobenzene	980		44	52.2	210	ug/Kg
78-59-1	Isophorone	1100		42	52.2	210	ug/Kg
88-75-5	2-Nitrophenol	1200		39	52.2	210	ug/Kg
105-67-9	2,4-Dimethylphenol	930		34	52.2	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1000		47	52.2	210	ug/Kg
120-83-2	2,4-Dichlorophenol	1200		48	52.2	210	ug/Kg
91-20-3	Naphthalene	1100		42	52.2	210	ug/Kg
106-47-8	4-Chloroaniline	1000		53	52.2	410	ug/Kg
87-68-3	Hexachlorobutadiene	1100		42	52.2	210	ug/Kg
105-60-2	Caprolactam	1400		150	100	410	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200		34	52.2	210	ug/Kg
90-12-0	1-Methylnaphthalene	1200		50	52.2	210	ug/Kg
91-57-6	2-Methylnaphthalene	1200		45	52.2	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	920		97	100	410	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1300		53	52.2	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1200		52	52.2	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:	DDCE2MSD			SDG No.:	BM093024
Lab Sample ID:	P4018-18MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.8
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047724.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1100		59	52.2	210	ug/Kg
91-58-7	2-Chloronaphthalene	1100		55	52.2	210	ug/Kg
88-74-4	2-Nitroaniline	1000		27	52.2	210	ug/Kg
131-11-3	Dimethylphthalate	1100		52	52.2	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300		26	52.2	210	ug/Kg
208-96-8	Acenaphthylene	1100		53	52.2	210	ug/Kg
99-09-2	3-Nitroaniline	1200		25	100	410	ug/Kg
83-32-9	Acenaphthene	1100		50	52.2	210	ug/Kg
51-28-5	2,4-Dinitrophenol	1100		150	100	410	ug/Kg
100-02-7	4-Nitrophenol	1100		50	100	410	ug/Kg
132-64-9	Dibenzofuran	1100		57	52.2	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	1300		33	52.2	210	ug/Kg
84-66-2	Diethylphthalate	1100		74	52.2	210	ug/Kg
86-73-7	Fluorene	1100		55	52.2	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		58	52.2	210	ug/Kg
100-01-6	4-Nitroaniline	1300		52	100	410	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200		20	100	410	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1100		52	52.2	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		63	52.2	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1200		55	52.2	210	ug/Kg
118-74-1	Hexachlorobenzene	1200		61	52.2	210	ug/Kg
1912-24-9	Atrazine	1100		48	100	410	ug/Kg
87-86-5	Pentachlorophenol	18000	E	110	100	410	ug/Kg
85-01-8	Phenanthrene	1100		54	52.2	210	ug/Kg
608-93-5	Pentachlorobenzene	1100		63	52.2	210	ug/Kg
120-12-7	Anthracene	1100		53	52.2	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100		41	52.2	210	ug/Kg
86-74-8	Carbazole	1100		55	100	410	ug/Kg
84-74-2	Di-n-butylphthalate	1200		52	52.2	210	ug/Kg
206-44-0	Fluoranthene	1200		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:	DDCE2MSD			SDG No.:	BM093024
Lab Sample ID:	P4018-18MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.8
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047724.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200		54	52.2	210	ug/Kg
85-68-7	Butylbenzylphthalate	1300		39	52.2	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	990		28	100	410	ug/Kg
56-55-3	Benzo(a)anthracene	1200		48	52.2	210	ug/Kg
218-01-9	Chrysene	1100		55	52.2	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1300		54	52.2	210	ug/Kg
117-84-0	Di-n-octyl phthalate	1200		42	100	410	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		52	52.2	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		55	52.2	210	ug/Kg
50-32-8	Benzo(a)pyrene	1200		52	52.2	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200		45	52.2	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1200		45	52.2	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1200		43	52.2	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800		45	52.2	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.597		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	5.94	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	17.964		10-130		45	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.378		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.269		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	19.591		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	20.261		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.348		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.236		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.236		1-145		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.141		10-145		55	SPK: -40
93951-97-4	Acenaphthylene-d8	21.415		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.738		10-150		52	SPK: -40
81103-79-9	Fluorene-d10	21.914		20-140		55	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:	DDCE2MSD			SDG No.:	BM093024
Lab Sample ID:	P4018-18MSD			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	18.8
Sample Wt/Vol:	30.07	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047724.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.743		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	21.319		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	23.269		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.186		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	269035	7.81				
1146-65-2	Naphthalene-d8	1128212	10.604				
15067-26-2	Acenaphthene-d10	700347	14.445				
1517-22-2	Phenanthrene-d10	1366875	17.186				
1719-03-5	Chrysene-d12	1273748	21.409				
1520-96-3	Perylene-d12	1412789	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	59	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:	DDCE4			SDG No.:	BM093024
Lab Sample ID:	P4018-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	23
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
BM047725.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	8.6	87	ug/Kg
100-52-7	Benzaldehyde	97	U	97	110	430	ug/Kg
110-86-1	Pyridine	56	U	56	210	430	ug/Kg
108-95-2	Phenol	45	U	45	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	110	430	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	55.2	220	ug/Kg
95-48-7	2-Methylphenol	39	U	39	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	110	430	ug/Kg
98-86-2	Acetophenone	49	U	49	110	430	ug/Kg
106-44-5	4-Methylphenol	42	U	42	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	38	U	38	55.2	220	ug/Kg
67-72-1	Hexachloroethane	30	U	30	55.2	220	ug/Kg
98-95-3	Nitrobenzene	47	U	47	55.2	220	ug/Kg
78-59-1	Isophorone	44	U	44	55.2	220	ug/Kg
88-75-5	2-Nitrophenol	42	U	42	55.2	220	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	55.2	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	55.2	220	ug/Kg
120-83-2	2,4-Dichlorophenol	51	U	51	55.2	220	ug/Kg
91-20-3	Naphthalene	44	U	44	55.2	220	ug/Kg
106-47-8	4-Chloroaniline	56	U	56	55.2	430	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	55.2	220	ug/Kg
105-60-2	Caprolactam	160	U	160	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	55.2	220	ug/Kg
90-12-0	1-Methylnaphthalene	53	U	53	55.2	220	ug/Kg
91-57-6	2-Methylnaphthalene	48	U	48	55.2	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	56	U	56	55.2	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	55	U	55	55.2	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:	DDCE4			SDG No.:	BM093024
Lab Sample ID:	P4018-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	23
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
BM047725.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	62	U	62	55.2	220	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	55.2	220	ug/Kg
88-74-4	2-Nitroaniline	29	U	29	55.2	220	ug/Kg
131-11-3	Dimethylphthalate	55	U	55	55.2	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	55.2	220	ug/Kg
208-96-8	Acenaphthylene	56	U	56	55.2	220	ug/Kg
99-09-2	3-Nitroaniline	26	U	26	110	430	ug/Kg
83-32-9	Acenaphthene	53	U	53	55.2	220	ug/Kg
51-28-5	2,4-Dinitrophenol	160	U	160	110	430	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	110	430	ug/Kg
132-64-9	Dibenzofuran	60	U	60	55.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	55.2	220	ug/Kg
84-66-2	Diethylphthalate	78	U	78	55.2	220	ug/Kg
86-73-7	Fluorene	58	U	58	55.2	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	55.2	220	ug/Kg
100-01-6	4-Nitroaniline	55	U	55	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	21	U	21	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	55	U	55	55.2	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	66	U	66	55.2	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58	U	58	55.2	220	ug/Kg
118-74-1	Hexachlorobenzene	65	U	65	55.2	220	ug/Kg
1912-24-9	Atrazine	51	U	51	110	430	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	110	430	ug/Kg
85-01-8	Phenanthrene	57	U	57	55.2	220	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	55.2	220	ug/Kg
120-12-7	Anthracene	56	U	56	55.2	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	43	U	43	55.2	220	ug/Kg
86-74-8	Carbazole	58	U	58	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	55	U	55	55.2	220	ug/Kg
206-44-0	Fluoranthene	57	U	57	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:	DDCE4			SDG No.:	BM093024
Lab Sample ID:	P4018-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	23
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
BM047725.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	55.2	220	ug/Kg
85-68-7	Butylbenzylphthalate	42	U	42	55.2	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	51	U	51	55.2	220	ug/Kg
218-01-9	Chrysene	58	U	58	55.2	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57	U	57	55.2	220	ug/Kg
117-84-0	Di-n-octyl phthalate	44	U	44	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	55	U	55	55.2	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	55.2	220	ug/Kg
50-32-8	Benzo(a)pyrene	55	U	55	55.2	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48	U	48	55.2	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	55.2	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	55.2	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	48	U	48	55.2	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.244		15-120		28	SPK: -8
7291-22-7	Pyridine-d5	10.686		20-120		27	SPK: -40
4165-62-2	Phenol-d5	12.463		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.725		10-150		27	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.832		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	13.512		10-140		34	SPK: -40
4165-60-0	Nitrobenzene-d5	13.967		10-135		35	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.398		10-120		38	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.72		10-140		37	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.333		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.138		10-145		40	SPK: -40
93951-97-4	Acenaphthylene-d8	15.424		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.637		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	16.155		20-140		40	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:	DDCE4			SDG No.:	BM093024
Lab Sample ID:	P4018-19			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	23
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
BM047725.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.927		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	15.805		10-150		40	SPK: -40
1718-52-1	Pyrene-d10	17.334		10-130		43	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.441		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	261955	7.81				
1146-65-2	Naphthalene-d8	1059790	10.604				
15067-26-2	Acenaphthene-d10	661158	14.445				
1517-22-2	Phenanthrene-d10	1347356	17.18				
1719-03-5	Chrysene-d12	1247684	21.403				
1520-96-3	Perylene-d12	1469412	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	360	J			15.798	
E966796	Total Alkanes	62	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:	DDCF5			SDG No.:	BM093024
Lab Sample ID:	P4018-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047726.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8	81	ug/Kg
100-52-7	Benzaldehyde	91	U	91	99.8	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	99.8	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	99.8	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.4	210	ug/Kg
95-48-7	2-Methylphenol	36	U	36	99.8	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	33	U	33	99.8	400	ug/Kg
98-86-2	Acetophenone	46	U	46	99.8	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	99.8	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.4	210	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.4	210	ug/Kg
98-95-3	Nitrobenzene	44	U	44	51.4	210	ug/Kg
78-59-1	Isophorone	41	U	41	51.4	210	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.4	210	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.4	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.4	210	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.4	210	ug/Kg
91-20-3	Naphthalene	41	U	41	51.4	210	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.4	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.4	210	ug/Kg
105-60-2	Caprolactam	150	U	150	99.8	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.4	210	ug/Kg
90-12-0	1-Methylnaphthalene	50	U	50	51.4	210	ug/Kg
91-57-6	2-Methylnaphthalene	45	U	45	51.4	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	96	U	96	99.8	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51.4	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.4	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:	DDCF5			SDG No.:	BM093024
Lab Sample ID:	P4018-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047726.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	51.4	210	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.4	210	ug/Kg
88-74-4	2-Nitroaniline	27	U	27	51.4	210	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	51.4	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51.4	210	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51.4	210	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	99.8	400	ug/Kg
83-32-9	Acenaphthene	50	U	50	51.4	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	99.8	400	ug/Kg
100-02-7	4-Nitrophenol	50	U	50	99.8	400	ug/Kg
132-64-9	Dibenzofuran	56	U	56	51.4	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	33	U	33	51.4	210	ug/Kg
84-66-2	Diethylphthalate	73	U	73	51.4	210	ug/Kg
86-73-7	Fluorene	54	U	54	51.4	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.4	210	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	99.8	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	99.8	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.4	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	62	U	62	51.4	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51.4	210	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.4	210	ug/Kg
1912-24-9	Atrazine	47	U	47	99.8	400	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	99.8	400	ug/Kg
85-01-8	Phenanthrene	53	U	53	51.4	210	ug/Kg
608-93-5	Pentachlorobenzene	62	U	62	51.4	210	ug/Kg
120-12-7	Anthracene	52	U	52	51.4	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.4	210	ug/Kg
86-74-8	Carbazole	54	U	54	99.8	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.4	210	ug/Kg
206-44-0	Fluoranthene	53	U	53	99.8	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:	DDCF5			SDG No.:	BM093024
Lab Sample ID:	P4018-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047726.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	51.4	210	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.4	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	99.8	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.4	210	ug/Kg
218-01-9	Chrysene	54	U	54	51.4	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	51.4	210	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	99.8	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	51.4	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	51.4	210	ug/Kg
50-32-8	Benzo(a)pyrene	51	U	51	51.4	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	51.4	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	51.4	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	51.4	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	45	U	45	51.4	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.826		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	11.072		20-120		28	SPK: -40
4165-62-2	Phenol-d5	13.957		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.774		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.897		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	15.312		10-140		38	SPK: -40
4165-60-0	Nitrobenzene-d5	16.116		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.401		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.602		10-140		42	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.013		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.29		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	17.693		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.323		10-150		26	SPK: -40
81103-79-9	Fluorene-d10	18.66		20-140		47	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:	DDCF5			SDG No.:	BM093024
Lab Sample ID:	P4018-20			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	17.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047726.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.677		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	18.179		10-150		45	SPK: -40
1718-52-1	Pyrene-d10	19.512		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.936		10-140		47	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	231876	7.81				
1146-65-2	Naphthalene-d8	942161	10.604				
15067-26-2	Acenaphthene-d10	585546	14.445				
1517-22-2	Phenanthrene-d10	1194057	17.18				
1719-03-5	Chrysene-d12	1106997	21.404				
1520-96-3	Perylene-d12	1300768	24.403				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	340	J			15.798	
E966796	Total Alkanes	58	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:	DDCB3			SDG No.:	BM093024
Lab Sample ID:	P4018-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047727.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	15	U	15	7.8	79	ug/Kg
100-52-7	Benzaldehyde	89	U	89	97.4	390	ug/Kg
110-86-1	Pyridine	51	U	51	190	390	ug/Kg
108-95-2	Phenol	41	U	41	97.4	390	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	97.4	390	ug/Kg
95-57-8	2-Chlorophenol	33	U	33	50.2	200	ug/Kg
95-48-7	2-Methylphenol	35	U	35	97.4	390	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	97.4	390	ug/Kg
98-86-2	Acetophenone	45	U	45	97.4	390	ug/Kg
106-44-5	4-Methylphenol	38	U	38	97.4	390	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	34	U	34	50.2	200	ug/Kg
67-72-1	Hexachloroethane	27	U	27	50.2	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	50.2	200	ug/Kg
78-59-1	Isophorone	40	U	40	50.2	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	50.2	200	ug/Kg
105-67-9	2,4-Dimethylphenol	33	U	33	50.2	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	50.2	200	ug/Kg
120-83-2	2,4-Dichlorophenol	46	U	46	50.2	200	ug/Kg
91-20-3	Naphthalene	40	U	40	50.2	200	ug/Kg
106-47-8	4-Chloroaniline	51	U	51	50.2	390	ug/Kg
87-68-3	Hexachlorobutadiene	40	U	40	50.2	200	ug/Kg
105-60-2	Caprolactam	140	U	140	97.4	390	ug/Kg
59-50-7	4-Chloro-3-methylphenol	33	U	33	50.2	200	ug/Kg
90-12-0	1-Methylnaphthalene	57	J	48	50.2	200	ug/Kg
91-57-6	2-Methylnaphthalene	64	J	44	50.2	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	93	U	93	97.4	390	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51	U	51	50.2	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	50.2	200	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:	DDCB3			SDG No.:	BM093024
Lab Sample ID:	P4018-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047727.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	57	U	57	50.2	200	ug/Kg
91-58-7	2-Chloronaphthalene	53	U	53	50.2	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	50.2	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	50.2	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	50.2	200	ug/Kg
208-96-8	Acenaphthylene	51	U	51	50.2	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	97.4	390	ug/Kg
83-32-9	Acenaphthene	48	U	48	50.2	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	97.4	390	ug/Kg
100-02-7	4-Nitrophenol	48	U	48	97.4	390	ug/Kg
132-64-9	Dibenzofuran	54	U	54	50.2	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	50.2	200	ug/Kg
84-66-2	Diethylphthalate	71	U	71	50.2	200	ug/Kg
86-73-7	Fluorene	53	U	53	50.2	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	55	U	55	50.2	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	97.4	390	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	97.4	390	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	50.2	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60	U	60	50.2	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	53	U	53	50.2	200	ug/Kg
118-74-1	Hexachlorobenzene	59	U	59	50.2	200	ug/Kg
1912-24-9	Atrazine	46	U	46	97.4	390	ug/Kg
87-86-5	Pentachlorophenol	47000	E	100	97.4	390	ug/Kg
85-01-8	Phenanthrene	52	U	52	50.2	200	ug/Kg
608-93-5	Pentachlorobenzene	60	U	60	50.2	200	ug/Kg
120-12-7	Anthracene	51	U	51	50.2	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	39	U	39	50.2	200	ug/Kg
86-74-8	Carbazole	53	U	53	97.4	390	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	50.2	200	ug/Kg
206-44-0	Fluoranthene	52	U	52	97.4	200	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:	DDCB3			SDG No.:	BM093024
Lab Sample ID:	P4018-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047727.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	52	U	52	50.2	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	50.2	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	27	U	27	97.4	390	ug/Kg
56-55-3	Benzo(a)anthracene	46	U	46	50.2	200	ug/Kg
218-01-9	Chrysene	53	U	53	50.2	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	52	U	52	50.2	200	ug/Kg
117-84-0	Di-n-octyl phthalate	40	U	40	97.4	390	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	50.2	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	53	U	53	50.2	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	50.2	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	50.2	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	50.2	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	41	U	41	50.2	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	6100	E	44	50.2	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.482		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	12.033		20-120		30	SPK: -40
4165-62-2	Phenol-d5	14.066		10-130		35	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.618		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.613		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	15.552		10-140		39	SPK: -40
4165-60-0	Nitrobenzene-d5	15.663		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	16.406		10-120		41	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	16.205		10-140		41	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.049		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.772		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	17.771		15-120		44	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.883		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	18.284		20-140		46	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:	DDCB3			SDG No.:	BM093024
Lab Sample ID:	P4018-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047727.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.602		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	17.683		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	18.801		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	18.028		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	255677	7.81				
1146-65-2	Naphthalene-d8	1079450	10.604				
15067-26-2	Acenaphthene-d10	666266	14.445				
1517-22-2	Phenanthrene-d10	1282409	17.186				
1719-03-5	Chrysene-d12	1240452	21.403				
1520-96-3	Perylene-d12	1416958	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.840	140	J			5.84	
	(DEL) Alkane: Straight-Chain6.816	81	J			6.816	
	(DEL) Alkane: Straight-Chain6.869	98	J			6.869	
	(DEL) Alkane: Straight-Chain7.446	550	J			7.446	
000104-76-7	1-Hexanol, 2-ethyl-	120	J			7.881	
	(DEL) Alkane: Straight-Chain8.351	110	J			8.351	
	(DEL) Alkane: Straight-Chain8.587	120	J			8.587	
	(DEL) Alkane: Straight-Chain9.045	560	J			9.045	
002550-26-7	2-Butanone, 4-phenyl-	120	J			9.169	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	260	J			11.704	
	(DEL) Alkane: Straight-Chain12.033	130	J			12.033	
116436-59-0	3-Trifluoroacetoxy-6-ethyldecane	200	J			12.686	
	(DEL) Alkane: Straight-Chain13.280	200	J			13.28	
000575-43-9	Naphthalene, 1,6-dimethyl-	100	J			13.628	
000581-40-8	Naphthalene, 2,3-dimethyl-	92	J			13.763	
	unknown-01	89	J			14.08	
025103-09-7	Isooctyl mercaptoacetate	2400	J			14.357	

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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:	DDCB3			SDG No.:	BM093024
Lab Sample ID:	P4018-07			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	15.3
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047727.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002245-38-7	Naphthalene, 1,6,7-trimethyl-	85	J			14.91	
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	140	J			14.986	
1000271-83-0	Cyclopropane, 1-methoxy-2,2-dimeth	400	J			15.204	
	(DEL) Alkane: Straight-Chain15.304	410	J			15.304	
	(DEL) Alkane: Straight-Chain15.710	130	J			15.71	
000119-61-9	Benzophenone	210	J			15.798	
	(DEL) Alkane: Straight-Chain16.163	240	J			16.163	
	(DEL) Alkane: Straight-Chain16.951	170	J			16.951	
	(DEL) Alkane: Straight-Chain17.004	140	J			17.004	
093946-48-6	2-Amino-5-isopropyl-8-methyl-1-azu	100	J			17.474	
	(DEL) Alkane: Straight-Chain17.686	150	J			17.686	
000489-84-9	Azulene, 1,4-dimethyl-7-(1-methyle	130	J			17.762	
000057-10-3	n-Hexadecanoic acid	120	J			18.08	
	(DEL) Alkane: Straight-Chain18.380	110	J			18.38	
	(DEL) Alkane: Straight-Chain19.009	110	J			19.009	
062016-79-9	Heptacosane, 1-chloro-	90	J			20.115	
1000309-38-8	Oxalic acid, 2-ethylhexyl isohexyl	240	J			21.086	
1000383-14-2	Carbonic acid, 2-ethylhexyl pentad	81	J			22.18	
E966796	Total Alkanes	3400				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:	DDCB7			SDG No.:	BM093024
Lab Sample ID:	P4018-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	22.7
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047728.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	17	U	17	8.5	86	ug/Kg
100-52-7	Benzaldehyde	97	U	97	110	430	ug/Kg
110-86-1	Pyridine	55	U	55	210	430	ug/Kg
108-95-2	Phenol	45	U	45	110	430	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	44	U	44	110	430	ug/Kg
95-57-8	2-Chlorophenol	36	U	36	54.8	220	ug/Kg
95-48-7	2-Methylphenol	39	U	39	110	430	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	35	U	35	110	430	ug/Kg
98-86-2	Acetophenone	49	U	49	110	430	ug/Kg
106-44-5	4-Methylphenol	41	U	41	110	430	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	54.8	220	ug/Kg
67-72-1	Hexachloroethane	30	U	30	54.8	220	ug/Kg
98-95-3	Nitrobenzene	46	U	46	54.8	220	ug/Kg
78-59-1	Isophorone	44	U	44	54.8	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	54.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	36	U	36	54.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	49	U	49	54.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	50	U	50	54.8	220	ug/Kg
91-20-3	Naphthalene	44	U	44	54.8	220	ug/Kg
106-47-8	4-Chloroaniline	55	U	55	54.8	430	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	54.8	220	ug/Kg
105-60-2	Caprolactam	150	U	150	110	430	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	54.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	53	U	53	54.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	48	U	48	54.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	110	430	ug/Kg
88-06-2	2,4,6-Trichlorophenol	55	U	55	54.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	54	U	54	54.8	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:	DDCB7			SDG No.:	BM093024
Lab Sample ID:	P4018-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	22.7
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047728.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	62	U	62	54.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	58	U	58	54.8	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	54.8	220	ug/Kg
131-11-3	Dimethylphthalate	54	U	54	54.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	54.8	220	ug/Kg
208-96-8	Acenaphthylene	55	U	55	54.8	220	ug/Kg
99-09-2	3-Nitroaniline	26	U	26	110	430	ug/Kg
83-32-9	Acenaphthene	53	U	53	54.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	110	430	ug/Kg
100-02-7	4-Nitrophenol	53	U	53	110	430	ug/Kg
132-64-9	Dibenzofuran	59	U	59	54.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	54.8	220	ug/Kg
84-66-2	Diethylphthalate	77	U	77	54.8	220	ug/Kg
86-73-7	Fluorene	58	U	58	54.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	61	U	61	54.8	220	ug/Kg
100-01-6	4-Nitroaniline	54	U	54	110	430	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	21	U	21	110	430	ug/Kg
86-30-6	N-Nitrosodiphenylamine	54	U	54	54.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	66	U	66	54.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	58	U	58	54.8	220	ug/Kg
118-74-1	Hexachlorobenzene	64	U	64	54.8	220	ug/Kg
1912-24-9	Atrazine	50	U	50	110	430	ug/Kg
87-86-5	Pentachlorophenol	7300	E	110	110	430	ug/Kg
85-01-8	Phenanthrene	57	U	57	54.8	220	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	54.8	220	ug/Kg
120-12-7	Anthracene	55	U	55	54.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	43	U	43	54.8	220	ug/Kg
86-74-8	Carbazole	58	U	58	110	430	ug/Kg
84-74-2	Di-n-butylphthalate	54	U	54	54.8	220	ug/Kg
206-44-0	Fluoranthene	57	U	57	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:	DDCB7			SDG No.:	BM093024
Lab Sample ID:	P4018-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	22.7
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047728.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	57	U	57	54.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	41	U	41	54.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	30	U	30	110	430	ug/Kg
56-55-3	Benzo(a)anthracene	50	U	50	54.8	220	ug/Kg
218-01-9	Chrysene	58	U	58	54.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	57	U	57	54.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	44	U	44	110	430	ug/Kg
205-99-2	Benzo(b)fluoranthene	54	U	54	54.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	54.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	54	U	54	54.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	48	U	48	54.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	48	U	48	54.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	45	U	45	54.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	390		48	54.8	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.006		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	8.959		20-120		22	SPK: -40
4165-62-2	Phenol-d5	11.602		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	9.132		10-150		23	SPK: -40
93951-73-6	2-Chlorophenol-d4	11.496		15-120		29	SPK: -40
190780-66-6	4-Methylphenol-d8	12.432		10-140		31	SPK: -40
4165-60-0	Nitrobenzene-d5	11.17		10-135		28	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.889		10-120		30	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.603		10-140		32	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.826		1-145		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	14.532		10-145		36	SPK: -40
93951-97-4	Acenaphthylene-d8	13.871		15-120		35	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.582		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	14.62		20-140		37	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:	DDCB7			SDG No.:	BM093024
Lab Sample ID:	P4018-11			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	22.7
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047728.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.74		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	14.257		10-150		36	SPK: -40
1718-52-1	Pyrene-d10	15.563		10-130		39	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.948		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	252462	7.81				
1146-65-2	Naphthalene-d8	1052010	10.604				
15067-26-2	Acenaphthene-d10	659305	14.445				
1517-22-2	Phenanthrene-d10	1353530	17.18				
1719-03-5	Chrysene-d12	1249330	21.403				
1520-96-3	Perylene-d12	1418796	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain7.445	200	J			7.445	
000104-76-7	1-Hexanol, 2-ethyl-	120	J			7.881	
	(DEL) Alkane: Straight-Chain9.045	210	J			9.045	
	(DEL) Alkane: Straight-Chain12.033	87	J			12.033	
025415-84-3	n-Butyric acid 2-ethylhexyl ester	95	J			12.28	
	(DEL) Alkane: Straight-Chain13.280	120	J			13.28	
	(DEL) Alkane: Straight-Chain14.351	210	J			14.351	
	(DEL) Alkane: Straight-Chain15.304	180	J			15.304	
	(DEL) Alkane: Straight-Chain15.710	91	J			15.71	
000119-61-9	Benzophenone	170	J			15.798	
	(DEL) Alkane: Straight-Chain16.162	160	J			16.162	
	(DEL) Alkane: Straight-Chain16.951	130	J			16.951	
	(DEL) Alkane: Straight-Chain17.686	98	J			17.686	
E966796	Total Alkanes	1500				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:	DDCB8			SDG No.:	BM093024
Lab Sample ID:	P4018-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047729.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.3	84	ug/Kg
100-52-7	Benzaldehyde	95	U	95	100	420	ug/Kg
110-86-1	Pyridine	54	U	54	210	420	ug/Kg
108-95-2	Phenol	44	U	44	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	420	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.7	210	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	420	ug/Kg
98-86-2	Acetophenone	48	U	48	100	420	ug/Kg
106-44-5	4-Methylphenol	40	U	40	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	53.7	210	ug/Kg
67-72-1	Hexachloroethane	29	U	29	53.7	210	ug/Kg
98-95-3	Nitrobenzene	45	U	45	53.7	210	ug/Kg
78-59-1	Isophorone	43	U	43	53.7	210	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	53.7	210	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	53.7	210	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	53.7	210	ug/Kg
120-83-2	2,4-Dichlorophenol	49	U	49	53.7	210	ug/Kg
91-20-3	Naphthalene	43	U	43	53.7	210	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	53.7	420	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	53.7	210	ug/Kg
105-60-2	Caprolactam	150	U	150	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	53.7	210	ug/Kg
90-12-0	1-Methylnaphthalene	52	U	52	53.7	210	ug/Kg
91-57-6	2-Methylnaphthalene	47	U	47	53.7	210	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	54	U	54	53.7	210	ug/Kg
95-95-4	2,4,5-Trichlorophenol	53	U	53	53.7	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:	DDCB8			SDG No.:	BM093024
Lab Sample ID:	P4018-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047729.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	61	U	61	53.7	210	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	53.7	210	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.7	210	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	53.7	210	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	53.7	210	ug/Kg
208-96-8	Acenaphthylene	54	U	54	53.7	210	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	420	ug/Kg
83-32-9	Acenaphthene	52	U	52	53.7	210	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	420	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	100	420	ug/Kg
132-64-9	Dibenzofuran	58	U	58	53.7	210	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	53.7	210	ug/Kg
84-66-2	Diethylphthalate	76	U	76	53.7	210	ug/Kg
86-73-7	Fluorene	57	U	57	53.7	210	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59	U	59	53.7	210	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	53.7	210	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	64	U	64	53.7	210	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	53.7	210	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.7	210	ug/Kg
1912-24-9	Atrazine	49	U	49	100	420	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	100	420	ug/Kg
85-01-8	Phenanthrene	56	U	56	53.7	210	ug/Kg
608-93-5	Pentachlorobenzene	64	U	64	53.7	210	ug/Kg
120-12-7	Anthracene	54	U	54	53.7	210	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	53.7	210	ug/Kg
86-74-8	Carbazole	57	U	57	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	53	53.7	210	ug/Kg
206-44-0	Fluoranthene	56	U	56	100	210	ug/Kg

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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:	DDCB8			SDG No.:	BM093024
Lab Sample ID:	P4018-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047729.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	53.7	210	ug/Kg
85-68-7	Butylbenzylphthalate	40	U	40	53.7	210	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	53.7	210	ug/Kg
218-01-9	Chrysene	57	U	57	53.7	210	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	53.7	210	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	53	U	53	53.7	210	ug/Kg
207-08-9	Benzo(k)fluoranthene	57	U	57	53.7	210	ug/Kg
50-32-8	Benzo(a)pyrene	53	U	53	53.7	210	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	53.7	210	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	47	U	47	53.7	210	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	53.7	210	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	47	U	47	53.7	210	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.011		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	9.549		20-120		24	SPK: -40
4165-62-2	Phenol-d5	11.146		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	10.683		10-150		27	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.793		15-120		32	SPK: -40
190780-66-6	4-Methylphenol-d8	12.533		10-140		31	SPK: -40
4165-60-0	Nitrobenzene-d5	13.372		10-135		33	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.763		10-120		34	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.437		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.787		1-145		34	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.188		10-145		38	SPK: -40
93951-97-4	Acenaphthylene-d8	14.781		15-120		37	SPK: -40
93951-79-2	4-Nitrophenol-d4	2.947	*	10-150		7	SPK: -40
81103-79-9	Fluorene-d10	15.191		20-140		38	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:	DDCB8			SDG No.:	BM093024
Lab Sample ID:	P4018-12			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.1
Sample Wt/Vol:	30.1	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047729.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	2.39	*	10-130		6	SPK: -40
1719-06-8	Anthracene-d10	14.992		10-150		37	SPK: -40
1718-52-1	Pyrene-d10	16.307		10-130		41	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.72		10-140		39	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	266281	7.81				
1146-65-2	Naphthalene-d8	1079673	10.604				
15067-26-2	Acenaphthene-d10	668492	14.445				
1517-22-2	Phenanthrene-d10	1339924	17.18				
1719-03-5	Chrysene-d12	1243261	21.403				
1520-96-3	Perylene-d12	1438940	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
000119-61-9	Benzophenone	120	J			15.798	
E966796	Total Alkanes	61	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:	DDCE0			SDG No.:	BM093024
Lab Sample ID:	P4018-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.6
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047730.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	7.9	80	ug/Kg
100-52-7	Benzaldehyde	90	U	90	98.9	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	98.9	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	98.9	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	98.9	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	98.9	400	ug/Kg
98-86-2	Acetophenone	46	U	46	98.9	400	ug/Kg
106-44-5	4-Methylphenol	38	U	38	98.9	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51	200	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	51	200	ug/Kg
78-59-1	Isophorone	44	J	41	51	200	ug/Kg
88-75-5	2-Nitrophenol	38	U	38	51	200	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51	200	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51	200	ug/Kg
91-20-3	Naphthalene	41	U	41	51	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51	200	ug/Kg
105-60-2	Caprolactam	140	U	140	98.9	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51	200	ug/Kg
90-12-0	1-Methylnaphthalene	49	U	49	51	200	ug/Kg
91-57-6	2-Methylnaphthalene	67	J	44	51	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	98.9	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	52	U	52	51	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	51	200	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:	DDCE0			SDG No.:	BM093024
Lab Sample ID:	P4018-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.6
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047730.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	58	U	58	51	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	51	200	ug/Kg
131-11-3	Dimethylphthalate	50	U	50	51	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51	200	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	98.9	400	ug/Kg
83-32-9	Acenaphthene	49	U	49	51	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	98.9	400	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	98.9	400	ug/Kg
132-64-9	Dibenzofuran	55	U	55	51	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	51	200	ug/Kg
84-66-2	Diethylphthalate	72	U	72	51	200	ug/Kg
86-73-7	Fluorene	54	U	54	51	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	56	U	56	51	200	ug/Kg
100-01-6	4-Nitroaniline	50	U	50	98.9	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	98.9	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	50	U	50	51	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	51	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51	200	ug/Kg
1912-24-9	Atrazine	47	U	47	98.9	400	ug/Kg
87-86-5	Pentachlorophenol	61000	E	100	98.9	400	ug/Kg
85-01-8	Phenanthrene	53	U	53	51	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	51	200	ug/Kg
120-12-7	Anthracene	52	U	52	51	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51	200	ug/Kg
86-74-8	Carbazole	54	U	54	98.9	400	ug/Kg
84-74-2	Di-n-butylphthalate	50	U	50	51	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	98.9	200	ug/Kg

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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:	DDCE0			SDG No.:	BM093024
Lab Sample ID:	P4018-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.6
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047730.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	51	200	ug/Kg
85-68-7	Butylbenzylphthalate	38	U	38	51	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	98.9	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51	200	ug/Kg
218-01-9	Chrysene	54	U	54	51	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	53	U	53	51	200	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	98.9	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	U	50	51	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	51	200	ug/Kg
50-32-8	Benzo(a)pyrene	50	U	50	51	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44	U	44	51	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	44	U	44	51	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	51	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	6000	E	44	51	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.324		15-120		29	SPK: -8
7291-22-7	Pyridine-d5	5.929	*	20-120		15	SPK: -40
4165-62-2	Phenol-d5	13.438		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.649		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.494		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	15.952		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	15.727		10-135		39	SPK: -40
93951-78-1	2-Nitrophenol-d4	17.518		10-120		44	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	17.083		10-140		43	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.034		1-145		35	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.585		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	19.156		15-120		48	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.389		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	19.206		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:	DDCE0			SDG No.:	BM093024
Lab Sample ID:	P4018-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.6
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047730.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.516		10-130		31	SPK: -40
1719-06-8	Anthracene-d10	18.755		10-150		47	SPK: -40
1718-52-1	Pyrene-d10	20.473		10-130		51	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.544		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	253262	7.81				
1146-65-2	Naphthalene-d8	1055947	10.604				
15067-26-2	Acenaphthene-d10	642376	14.445				
1517-22-2	Phenanthrene-d10	1220229	17.186				
1719-03-5	Chrysene-d12	1180793	21.403				
1520-96-3	Perylene-d12	1360052	24.409				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.840	200	J			5.84	
	(DEL) Alkane: Straight-Chain6.381	140	J			6.381	
	(DEL) Alkane: Cyclic6.457	120	J			6.457	
	(DEL) Alkane: Straight-Chain6.816	160	J			6.816	
	(DEL) Alkane: Straight-Chain6.869	170	J			6.869	
000108-67-8	Mesitylene	180	J			7.04	
	(DEL) Alkane: Straight-Chain7.446	810	J			7.446	
	(DEL) Alkane: Straight-Chain7.740	160	J			7.74	
000104-76-7	1-Hexanol, 2-ethyl-	560	J			7.881	
000526-73-8	Benzene, 1,2,3-trimethyl-	140	J			7.928	
	(DEL) Alkane: Cyclic8.104	150	J			8.104	
	(DEL) Alkane: Straight-Chain8.351	250	J			8.351	
	(DEL) Alkane: Straight-Chain8.410	130	J			8.41	
	(DEL) Alkane: Straight-Chain8.587	180	J			8.587	
1000382-90-8	Carbonic acid, prop-1-en-2-yl trid	650	J			9.045	
000149-57-5	Hexanoic acid, 2-ethyl-	260	J			9.116	
	(DEL) Alkane: Straight-Chain10.098	91	J			10.098	

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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:	DDCE0			SDG No.:	BM093024
Lab Sample ID:	P4018-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.6
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047730.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	170	J			10.986	
	unknown-01	190	J			11.298	
076655-99-7	3-Methyl-thiophene-2-carboxamide	140	J			11.486	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	770	J			11.704	
	(DEL) Alkane: Straight-Chain12.034	220	J			12.034	
	unknown-02	220	J			12.133	
116436-59-0	3-Trifluoroacetoxy-6-ethyldecane	600	J			12.681	
000499-06-9	Benzoic acid, 3,5-dimethyl-	180	J			12.727	
	(DEL) Alkane: Straight-Chain13.280	350	J			13.28	
000582-16-1	Naphthalene, 2,7-dimethyl-	140	J			13.763	
	unknown-03	240	J			14.08	
007659-86-1	2-Ethylhexyl mercaptoacetate	9800	J			14.363	
	unknown-04	400	J			14.533	
	unknown-05	250	J			14.763	
	unknown-06	160	J			14.904	
1000080-19-3	4b,5,6,7,8,8a,9,10-Octahydro-1-met	180	J			15.01	
1000080-19-4	1,2,3,4,5,6,7,8-Octahydro-1-methyl	140	J			15.133	
1000271-83-0	Cyclopropane, 1-methoxy-2,2-dimeth	1900	J			15.21	
007425-14-1	2-Ethylhexyl 2-ethylhexanoate	800	J			15.28	
	(DEL) Alkane: Straight-Chain15.704	220	J			15.704	
000119-61-9	Benzophenone	460	J			15.798	
	unknown-07	180	J			16.074	
	(DEL) Alkane: Straight-Chain16.163	330	J			16.163	
1000420-42-1	Acetamide, 2-(4-methoxyphenyl)-N-m	720	J			16.269	
	unknown-08	170	J			16.504	
	(DEL) Alkane: Straight-Chain16.951	300	J			16.951	
	(DEL) Alkane: Straight-Chain17.004	250	J			17.004	
126584-00-7	1,5,6,7-Tetramethyl-3-phenylbicycl	240	J			17.474	
	(DEL) Alkane: Straight-Chain17.686	260	J			17.686	
000489-84-9	Azulene, 1,4-dimethyl-7-(1-methyle	470	J			17.762	

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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:	DDCE0			SDG No.:	BM093024
Lab Sample ID:	P4018-13			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.6
Sample Wt/Vol:	30	Units:	g	Final Vol:	500 uL
Soil Aliquot Vol:			uL	Test:	
Extraction Type :			Decanted :	Level :	LOW
Injection Volume :			GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047730.D	1	9/19/2024 12:00:00 AM	9/30/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000057-10-3	n-Hexadecanoic acid	110	J			18.074	
	(DEL) Alkane: Straight-Chain18.374	200	J			18.374	
	(DEL) Alkane: Straight-Chain19.009	210	J			19.009	
	(DEL) Alkane: Straight-Chain20.115	260	J			20.115	
	(DEL) Alkane: Straight-Chain20.609	110	J			20.609	
003386-33-2	Octadecane, 1-chloro-	260	J			21.086	
	(DEL) Alkane: Straight-Chain21.603	100	J			21.603	
	(DEL) Alkane: Straight-Chain22.174	180	J			22.174	
	(DEL) Alkane: Straight-Chain22.821	85	J			22.821	
E966796	Total Alkanes	5600				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:	DDCB5			SDG No.:	BM093024
Lab Sample ID:	P4018-09			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
BM047731.D	1	9/19/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163513

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	860		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	1300		46	47.9	190	ug/Kg
91-57-6	2-Methylnaphthalene	2200		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	120	J	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:	DDCB5			SDG No.:	BM093024
Lab Sample ID:	P4018-09			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
BM047731.D	1	9/19/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	160	J	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	58	J	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	130	J	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	110000	E	98	92.9	370	ug/Kg
85-01-8	Phenanthrene	350		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:	DDCB5			SDG No.:	BM093024
Lab Sample ID:	P4018-09			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
BM047731.D	1	9/19/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163513

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	58	J	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	21000	E	42	47.9	190	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.951		15-120		37	SPK: -8
7291-22-7	Pyridine-d5	8.48		20-120		21	SPK: -40
4165-62-2	Phenol-d5	18.943		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	18.666		10-150		47	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.88		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	17.713		10-140		44	SPK: -40
4165-60-0	Nitrobenzene-d5	25.218		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.969		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.824		10-140		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.649		1-145		39	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.616		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	21.634		15-120		54	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.021		10-150		73	SPK: -40
81103-79-9	Fluorene-d10	21.045		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:	DDCB5			SDG No.:	BM093024
Lab Sample ID:	P4018-09			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
BM047731.D	1	9/19/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.563		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	20.677		10-150		52	SPK: -40
1718-52-1	Pyrene-d10	22.398		10-130		56	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.623		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	298325	7.816				
1146-65-2	Naphthalene-d8	1038739	10.61				
15067-26-2	Acenaphthene-d10	732386	14.451				
1517-22-2	Phenanthrene-d10	1324542	17.209				
1719-03-5	Chrysene-d12	1335329	21.403				
1520-96-3	Perylene-d12	1546418	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.840	770	J			5.84	
	(DEL) Alkane: Straight-Chain6.381	310	J			6.381	
	(DEL) Alkane: Cyclic6.463	380	J			6.463	
	(DEL) Alkane: Straight-Chain6.816	420	J			6.816	
	(DEL) Alkane: Straight-Chain6.875	530	J			6.875	
000620-14-4	Benzene, 1-ethyl-3-methyl-	380	J			6.91	
000108-67-8	Mesitylene	470	J			7.045	
000611-14-3	Benzene, 1-ethyl-2-methyl-	330	J			7.21	
019549-80-5	2-Heptanone, 4,6-dimethyl-	430	J			7.251	
	(DEL) Alkane: Straight-Chain7.457	2400	J			7.457	
	unknown-01	320	J			7.745	
000104-76-7	1-Hexanol, 2-ethyl-	1300	J			7.892	
000526-73-8	Benzene, 1,2,3-trimethyl-	340	J			7.934	
	(DEL) Alkane: Cyclic8.116	350	J			8.116	
	(DEL) Alkane: Straight-Chain8.357	680	J			8.357	
	(DEL) Alkane: Straight-Chain8.416	300	J			8.416	
000135-01-3	Benzene, 1,2-diethyl-	420	J			8.463	

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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:	DDCB5			SDG No.:	BM093024
Lab Sample ID:	P4018-09			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
BM047731.D	1	9/19/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain8.592	660	J			8.592	
001074-55-1	Benzene, 1-methyl-4-propyl-	410	J			8.622	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	320	J			8.775	
000527-84-4	o-Cymene	410	J			8.822	
	(DEL) Alkane: Straight-Chain9.063	2200	J			9.063	
001595-16-0	Benzene, 1-methyl-4-(1-methylpropy	640	J			9.175	
	(DEL) Alkane: Cyclic9.616	92	J			9.616	
	(DEL) Alkane: Straight-Chain9.898	170	J			9.898	
	(DEL) Alkane: Straight-Chain9.969	97	J			9.969	
	(DEL) Alkane: Straight-Chain10.045	120	J			10.045	
	(DEL) Alkane: Straight-Chain10.151	87	J			10.151	
	unknown-02	390	J			10.998	
	(DEL) Alkane: Straight-Chain11.122	160	J			11.122	
076655-99-7	3-Methyl-thiophene-2-carboxamide	150	J			11.304	
	(DEL) Alkane: Straight-Chain11.645	220	J			11.645	
014679-13-1	Benzene, 1,3,5-trimethyl-2-(1-meth	530	J			11.716	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	230	J			11.88	
	(DEL) Alkane: Straight-Chain12.045	370	J			12.045	
	unknown-03	200	J			12.08	
	(DEL) Alkane: Straight-Chain12.139	120	J			12.139	
116436-59-0	3-Trifluoroacetoxy-6-ethyldecane	190	J			12.692	
000575-41-7	Naphthalene, 1,3-dimethyl-	120	J			13.633	
1000357-85-7	Carbonic acid, neopentyl 2-ethylhe	750	J			14.386	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	240	J			15.215	
	(DEL) Alkane: Straight-Chain15.310	310	J			15.31	
	(DEL) Alkane: Straight-Chain15.715	120	J			15.715	
	unknown-04	330	J			16.074	
	(DEL) Alkane: Straight-Chain16.168	1400	J			16.168	
	unknown-05	490	J			16.374	
	(DEL) Alkane: Straight-Chain17.009	520	J			17.009	

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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:	DDCB5			SDG No.:	BM093024
Lab Sample ID:	P4018-09			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
BM047731.D	1	9/19/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
187328-55-8	9,9-Dimethyl-9-sila-9,10-dihydroph	650	J			17.486	
	(DEL) Alkane: Straight-Chain17.692	940	J			17.692	
000489-84-9	Azulene, 1,4-dimethyl-7-(1-methyle	650	J			17.774	
005129-60-2	Pentadecanoic acid, 14-methyl-, me	320	J			17.862	
	(DEL) Alkane: Straight-Chain18.380	700	J			18.38	
	(DEL) Alkane: Straight-Chain19.015	880	J			19.015	
	(DEL) Alkane: Straight-Chain20.115	550	J			20.115	
1000309-39-3	Oxalic acid, decyl 2-ethylhexyl es	750	J			21.092	
000112-79-8	9-Octadecenoic acid, (E)-	280	J			22.062	
	(DEL) Alkane: Straight-Chain22.180	430	J			22.18	
000488-47-1	Tetrabromocatechol	350	J			26.591	
000608-93-5	Benzene, pentachloro-	340	J			27.032	
E966796	Total Alkanes	16000				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:	DDCB6			SDG No.:	BM093024
Lab Sample ID:	P4018-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.3
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
BM047732.D	1	9/19/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	8.4	84	ug/Kg
100-52-7	Benzaldehyde	95	U	95	100	420	ug/Kg
110-86-1	Pyridine	54	U	54	210	420	ug/Kg
108-95-2	Phenol	44	U	44	100	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	43	U	43	100	420	ug/Kg
95-57-8	2-Chlorophenol	35	U	35	53.8	220	ug/Kg
95-48-7	2-Methylphenol	38	U	38	100	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	34	U	34	100	420	ug/Kg
98-86-2	Acetophenone	48	U	48	100	420	ug/Kg
106-44-5	4-Methylphenol	41	U	41	100	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	53.8	220	ug/Kg
67-72-1	Hexachloroethane	29	U	29	53.8	220	ug/Kg
98-95-3	Nitrobenzene	46	U	46	53.8	220	ug/Kg
78-59-1	Isophorone	630		43	53.8	220	ug/Kg
88-75-5	2-Nitrophenol	41	U	41	53.8	220	ug/Kg
105-67-9	2,4-Dimethylphenol	35	U	35	53.8	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	48	U	48	53.8	220	ug/Kg
120-83-2	2,4-Dichlorophenol	120	J	49	53.8	220	ug/Kg
91-20-3	Naphthalene	900		43	53.8	220	ug/Kg
106-47-8	4-Chloroaniline	54	U	54	53.8	420	ug/Kg
87-68-3	Hexachlorobutadiene	43	U	43	53.8	220	ug/Kg
105-60-2	Caprolactam	150	U	150	100	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	35	U	35	53.8	220	ug/Kg
90-12-0	1-Methylnaphthalene	1200		52	53.8	220	ug/Kg
91-57-6	2-Methylnaphthalene	2100		47	53.8	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	U	100	100	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	100	J	54	53.8	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	63	J	53	53.8	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:	DDCB6			SDG No.:	BM093024
Lab Sample ID:	P4018-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.3
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
BM047732.D	1	9/19/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	120	J	61	53.8	220	ug/Kg
91-58-7	2-Chloronaphthalene	57	U	57	53.8	220	ug/Kg
88-74-4	2-Nitroaniline	28	U	28	53.8	220	ug/Kg
131-11-3	Dimethylphthalate	53	U	53	53.8	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	27	U	27	53.8	220	ug/Kg
208-96-8	Acenaphthylene	54	U	54	53.8	220	ug/Kg
99-09-2	3-Nitroaniline	25	U	25	100	420	ug/Kg
83-32-9	Acenaphthene	65	J	52	53.8	220	ug/Kg
51-28-5	2,4-Dinitrophenol	150	U	150	100	420	ug/Kg
100-02-7	4-Nitrophenol	52	U	52	100	420	ug/Kg
132-64-9	Dibenzofuran	58	U	58	53.8	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	34	U	34	53.8	220	ug/Kg
84-66-2	Diethylphthalate	76	U	76	53.8	220	ug/Kg
86-73-7	Fluorene	110	J	57	53.8	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60	U	60	53.8	220	ug/Kg
100-01-6	4-Nitroaniline	53	U	53	100	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	20	U	20	100	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	53	U	53	53.8	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	65	U	65	53.8	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	57	U	57	53.8	220	ug/Kg
118-74-1	Hexachlorobenzene	63	U	63	53.8	220	ug/Kg
1912-24-9	Atrazine	49	U	49	100	420	ug/Kg
87-86-5	Pentachlorophenol	86000	E	110	100	420	ug/Kg
85-01-8	Phenanthrene	340		56	53.8	220	ug/Kg
608-93-5	Pentachlorobenzene	65	U	65	53.8	220	ug/Kg
120-12-7	Anthracene	54	U	54	53.8	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	42	U	42	53.8	220	ug/Kg
86-74-8	Carbazole	57	U	57	100	420	ug/Kg
84-74-2	Di-n-butylphthalate	53	U	53	53.8	220	ug/Kg
206-44-0	Fluoranthene	56	U	56	100	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:	DDCB6			SDG No.:	BM093024
Lab Sample ID:	P4018-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.3
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
BM047732.D	1	9/19/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	56	U	56	53.8	220	ug/Kg
85-68-7	Butylbenzylphthalate	41	U	41	53.8	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	29	U	29	100	420	ug/Kg
56-55-3	Benzo(a)anthracene	49	U	49	53.8	220	ug/Kg
218-01-9	Chrysene	57	U	57	53.8	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	56	U	56	53.8	220	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	100	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	53	U	53	53.8	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	57	U	57	53.8	220	ug/Kg
50-32-8	Benzo(a)pyrene	53	U	53	53.8	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	47	U	47	53.8	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	47	U	47	53.8	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	44	U	44	53.8	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	14000	E	47	53.8	220	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	10.838		20-120		27	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.83		15-120		35	SPK: -8
4165-62-2	Phenol-d5	17.079		10-130		43	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	16.337		10-150		41	SPK: -40
93951-73-6	2-Chlorophenol-d4	19.042		15-120		48	SPK: -40
190780-66-6	4-Methylphenol-d8	16.487		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	24.094		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.072		10-120		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.233		10-140		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	15.36		1-145		38	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.497		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	19.49		15-120		49	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.206		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	19.442		20-140		49	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:	DDCB6			SDG No.:	BM093024
Lab Sample ID:	P4018-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.3
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
BM047732.D	1	9/19/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.546		10-130		39	SPK: -40
1719-06-8	Anthracene-d10	19.209		10-150		48	SPK: -40
1718-52-1	Pyrene-d10	20.67		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	20.197		10-140		50	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	299618	7.816				
1146-65-2	Naphthalene-d8	1042900	10.61				
15067-26-2	Acenaphthene-d10	759489	14.445				
1517-22-2	Phenanthrene-d10	1412973	17.198				
1719-03-5	Chrysene-d12	1364792	21.403				
1520-96-3	Perylene-d12	1646010	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.840	1100	J			5.84	
	(DEL) Alkane: Cyclic6.099	250	J			6.099	
000107-41-5	Hexylene glycol	470	J			6.157	
	(DEL) Alkane: Straight-Chain6.222	230	J			6.222	
1000427-67-0	2-Methyl-1-hexanol	470	J			6.322	
	(DEL) Alkane: Straight-Chain6.381	380	J			6.381	
	(DEL) Alkane: Cyclic6.463	470	J			6.463	
	(DEL) Alkane: Straight-Chain6.722	330	J			6.722	
	(DEL) Alkane: Straight-Chain6.787	290	J			6.787	
	(DEL) Alkane: Straight-Chain6.822	510	J			6.822	
	(DEL) Alkane: Straight-Chain6.875	630	J			6.875	
000620-14-4	Benzene, 1-ethyl-3-methyl-	450	J			6.91	
000622-96-8	Benzene, 1-ethyl-4-methyl-	470	J			7.204	
019549-80-5	2-Heptanone, 4,6-dimethyl-	580	J			7.251	
	(DEL) Alkane: Straight-Chain7.463	2500	J			7.463	
000104-76-7	1-Hexanol, 2-ethyl-	2300	J			7.904	
	(DEL) Alkane: Straight-Chain8.016	260	J			8.016	

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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:	DDCB6			SDG No.:	BM093024
Lab Sample ID:	P4018-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.3
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
BM047732.D	1	9/19/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
005989-27-5	D-Limonene	740	J			8.045	
	(DEL) Alkane: Cyclic8.116	350	J			8.116	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	670	J			8.257	
000105-05-5	Benzene, 1,4-diethyl-	420	J			8.304	
001074-43-7	Benzene, 1-methyl-3-propyl-	790	J			8.363	
	(DEL) Alkane: Straight-Chain8.416	400	J			8.416	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	620	J			8.463	
	(DEL) Alkane: Straight-Chain8.593	660	J			8.593	
001074-17-5	Benzene, 1-methyl-2-propyl-	440	J			8.628	
000527-84-4	o-Cymene	420	J			8.822	
	(DEL) Alkane: Straight-Chain9.063	2400	J			9.063	
	unknown-01	930	J			9.181	
	(DEL) Alkane: Straight-Chain9.463	98	J			9.463	
	(DEL) Alkane: Straight-Chain9.616	140	J			9.616	
	(DEL) Alkane: Straight-Chain9.904	170	J			9.904	
	(DEL) Alkane: Straight-Chain9.969	120	J			9.969	
	(DEL) Alkane: Straight-Chain10.045	130	J			10.045	
	(DEL) Alkane: Straight-Chain10.151	100	J			10.151	
	(DEL) Alkane: Cyclic10.892	170	J			10.892	
	unknown-02	400	J			10.998	
	(DEL) Alkane: Straight-Chain11.122	360	J			11.122	
	(DEL) Alkane: Straight-Chain11.534	140	J			11.534	
	(DEL) Alkane: Straight-Chain12.045	370	J			12.045	
	(DEL) Alkane: Cyclic12.081	160	J			12.081	
007365-36-8	Heptafluorobutyric acid, n-tetrade	770	J			12.692	
002349-07-7	Propanoic acid, 2-methyl-, hexyl e	880	J			13.204	
002639-63-6	Butanoic acid, hexyl ester	1600	J			13.422	
	unknown-03	1200	J			13.504	
000581-40-8	Naphthalene, 2,3-dimethyl-	1700	J			13.633	
	unknown-04	1500	J			13.722	

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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:	DDCB6			SDG No.:	BM093024
Lab Sample ID:	P4018-10			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	21.3
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
BM047732.D	1	9/19/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000571-61-9	Naphthalene, 1,5-dimethyl-	990	J			13.775	
	(DEL) Alkane: Straight-Chain14.363	3800	J			14.363	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	720	J			14.851	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	680	J			14.922	
	unknown-05	1200	J			14.98	
065539-79-9	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-d	1300	J			15.21	
	(DEL) Alkane: Straight-Chain15.310	2600	J			15.31	
	(DEL) Alkane: Straight-Chain15.710	1400	J			15.71	
	(DEL) Alkane: Straight-Chain16.169	2700	J			16.169	
	(DEL) Alkane: Straight-Chain17.010	1500	J			17.01	
	(DEL) Alkane: Straight-Chain17.692	1900	J			17.692	
000112-39-0	Hexadecanoic acid, methyl ester	1900	J			17.863	
	(DEL) Alkane: Straight-Chain18.380	1500	J			18.38	
002345-29-1	8-Octadecenoic acid, methyl ester	2600	J			19.027	
000112-61-8	Methyl stearate	820	J			19.162	
	(DEL) Alkane: Straight-Chain20.115	990	J			20.115	
1000309-39-7	Oxalic acid, 2-ethylhexyl tetradec	1800	J			21.092	
	(DEL) Alkane: Straight-Chain22.174	1200	J			22.174	
E966796	Total Alkanes	30000				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:	DDCK3			SDG No.:	BM093024
Lab Sample ID:	P4018-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.9
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
BM047733.D	1	9/19/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	16	U	16	7.9	80	ug/Kg
100-52-7	Benzaldehyde	90	U	90	99.3	400	ug/Kg
110-86-1	Pyridine	52	U	52	200	400	ug/Kg
108-95-2	Phenol	42	U	42	99.3	400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	41	U	41	99.3	400	ug/Kg
95-57-8	2-Chlorophenol	34	U	34	51.1	200	ug/Kg
95-48-7	2-Methylphenol	36	U	36	99.3	400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	32	U	32	99.3	400	ug/Kg
98-86-2	Acetophenone	46	U	46	99.3	400	ug/Kg
106-44-5	4-Methylphenol	39	U	39	99.3	400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	35	U	35	51.1	200	ug/Kg
67-72-1	Hexachloroethane	28	U	28	51.1	200	ug/Kg
98-95-3	Nitrobenzene	43	U	43	51.1	200	ug/Kg
78-59-1	Isophorone	41	U	41	51.1	200	ug/Kg
88-75-5	2-Nitrophenol	39	U	39	51.1	200	ug/Kg
105-67-9	2,4-Dimethylphenol	34	U	34	51.1	200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	46	U	46	51.1	200	ug/Kg
120-83-2	2,4-Dichlorophenol	47	U	47	51.1	200	ug/Kg
91-20-3	Naphthalene	1000		41	51.1	200	ug/Kg
106-47-8	4-Chloroaniline	52	U	52	51.1	400	ug/Kg
87-68-3	Hexachlorobutadiene	41	U	41	51.1	200	ug/Kg
105-60-2	Caprolactam	140	U	140	99.3	400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	34	U	34	51.1	200	ug/Kg
90-12-0	1-Methylnaphthalene	1700		49	51.1	200	ug/Kg
91-57-6	2-Methylnaphthalene	2600		45	51.1	200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	99.3	400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	180	J	52	51.1	200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	51	U	51	51.1	200	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:	DDCK3			SDG No.:	BM093024
Lab Sample ID:	P4018-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.9
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
BM047733.D	1	9/19/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	180	J	58	51.1	200	ug/Kg
91-58-7	2-Chloronaphthalene	54	U	54	51.1	200	ug/Kg
88-74-4	2-Nitroaniline	26	U	26	51.1	200	ug/Kg
131-11-3	Dimethylphthalate	51	U	51	51.1	200	ug/Kg
606-20-2	2,6-Dinitrotoluene	25	U	25	51.1	200	ug/Kg
208-96-8	Acenaphthylene	52	U	52	51.1	200	ug/Kg
99-09-2	3-Nitroaniline	24	U	24	99.3	400	ug/Kg
83-32-9	Acenaphthene	69	J	49	51.1	200	ug/Kg
51-28-5	2,4-Dinitrophenol	140	U	140	99.3	400	ug/Kg
100-02-7	4-Nitrophenol	49	U	49	99.3	400	ug/Kg
132-64-9	Dibenzofuran	55	U	55	51.1	200	ug/Kg
121-14-2	2,4-Dinitrotoluene	32	U	32	51.1	200	ug/Kg
84-66-2	Diethylphthalate	72	U	72	51.1	200	ug/Kg
86-73-7	Fluorene	150	J	54	51.1	200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	57	U	57	51.1	200	ug/Kg
100-01-6	4-Nitroaniline	51	U	51	99.3	400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	19	U	19	99.3	400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	51	U	51	51.1	200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	61	U	61	51.1	200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	54	U	54	51.1	200	ug/Kg
118-74-1	Hexachlorobenzene	60	U	60	51.1	200	ug/Kg
1912-24-9	Atrazine	47	U	47	99.3	400	ug/Kg
87-86-5	Pentachlorophenol	130000	E	100	99.3	400	ug/Kg
85-01-8	Phenanthrene	450		53	51.1	200	ug/Kg
608-93-5	Pentachlorobenzene	61	U	61	51.1	200	ug/Kg
120-12-7	Anthracene	52	U	52	51.1	200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	40	U	40	51.1	200	ug/Kg
86-74-8	Carbazole	54	U	54	99.3	400	ug/Kg
84-74-2	Di-n-butylphthalate	51	U	51	51.1	200	ug/Kg
206-44-0	Fluoranthene	53	U	53	99.3	200	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:	DDCK3			SDG No.:	BM093024
Lab Sample ID:	P4018-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.9
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
BM047733.D	1	9/19/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	53	U	53	51.1	200	ug/Kg
85-68-7	Butylbenzylphthalate	39	U	39	51.1	200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	28	U	28	99.3	400	ug/Kg
56-55-3	Benzo(a)anthracene	47	U	47	51.1	200	ug/Kg
218-01-9	Chrysene	54	U	54	51.1	200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	67	J	53	51.1	200	ug/Kg
117-84-0	Di-n-octyl phthalate	41	U	41	99.3	400	ug/Kg
205-99-2	Benzo(b)fluoranthene	51	U	51	51.1	200	ug/Kg
207-08-9	Benzo(k)fluoranthene	54	U	54	51.1	200	ug/Kg
50-32-8	Benzo(a)pyrene	51	U	51	51.1	200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	51.1	200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	45	U	45	51.1	200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	42	U	42	51.1	200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	26000	E	45	51.1	200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.148		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	12.836		20-120		32	SPK: -40
4165-62-2	Phenol-d5	25.382		10-130		63	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.149		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.738		15-120		72	SPK: -40
190780-66-6	4-Methylphenol-d8	26.559		10-140		66	SPK: -40
4165-60-0	Nitrobenzene-d5	37.283		10-135		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	41.145		10-120		103	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.831		10-140		92	SPK: -40
191656-33-4	4-Chloroaniline-d4	17.897		1-145		45	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.445		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	28.919		15-120		72	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.173		10-150		90	SPK: -40
81103-79-9	Fluorene-d10	27.773		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:	DDCK3			SDG No.:	BM093024
Lab Sample ID:	P4018-15			Matrix:	Solid
Analytical Method:	SFAM_SVOC			% Moisture:	16.9
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
BM047733.D	1	9/19/2024 12:00:00 AM	10/1/2024 12:00:00 AM	PB163513

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.382		10-130		56	SPK: -40
1719-06-8	Anthracene-d10	27.963		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	29.975		10-130		75	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.996		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	307345	7.816				
1146-65-2	Naphthalene-d8	1022643	10.61				
15067-26-2	Acenaphthene-d10	771566	14.451				
1517-22-2	Phenanthrene-d10	1370498	17.216				
1719-03-5	Chrysene-d12	1369698	21.403				
1520-96-3	Perylene-d12	1600997	24.415				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	58	U			99	ug/Kg

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Hit Summary Sheet
SW-846

SDG No.: BM093024

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
Client ID :	**DDC35**								
P3910-15	DDC35	Solid	(DEL) Alkane: Cyclic15.922	*	290.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Cyclic6.463	*	240.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Cyclic8.110	*	230.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain11.6	*	160.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain12.0	*	350.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain12.8	*	210.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain12.9	*	350.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain13.9	*	600.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain14.3	*	5,800.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain14.9	*	280.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain15.3	*	1,900.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain15.7	*	630.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain16.1	*	1,400.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain16.9	*	920.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain17.0	*	780.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain17.6	*	950.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain18.3	*	710.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain19.0	*	650.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain20.1	*	650.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain20.6	*	320.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain21.0	*	720.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain21.6	*	370.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain22.1	*	450.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain5.84	*	690.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain6.38	*	260.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain6.81	*	330.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain6.87	*	410.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain7.45	*	2,600.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain7.88	*	340.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain8.35	*	430.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain8.41	*	250.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain8.58	*	530.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain9.05	*	2,600.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain9.75	*	91.000	J			
P3910-15	DDC35	Solid	(DEL) Alkane: Straight-Chain9.96	*	79.000	J			
P3910-15	DDC35	Solid	2,3-Dihydrothieno[3,4-b][1,4]diox	*	370.000	J			
P3910-15	DDC35	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane	*	310.000	J			

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Hit Summary Sheet
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SDG No.: BM093024

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3910-15	DDC35	Solid	2-(1-Phenylethyl)-6-isopropyl-1,3	*	130.000	J			
P3910-15	DDC35	Solid	4-(1-Pyrroyl)acetophenone	*	600.000	J			
P3910-15	DDC35	Solid	4b,5,6,7,8,8a,9,10-Octahydro-1-m	*	430.000	J			
P3910-15	DDC35	Solid	9,9-Dimethyl-9-sila-9,10-dihydroı	*	570.000	J			
P3910-15	DDC35	Solid	9-Methyl-S-octahydroanthracene	*	2,200.000	J			
P3910-15	DDC35	Solid	Benzene, 1,3,5-trimethyl-2-(1-met	*	390.000	J			
P3910-15	DDC35	Solid	Benzene, 1,3-diethyl-5-methyl-	*	510.000	J			
P3910-15	DDC35	Solid	Benzene, 1-methyl-2-propyl-	*	190.000	J			
P3910-15	DDC35	Solid	Benzophenone	*	1,000.000	J			
P3910-15	DDC35	Solid	D-Limonene	*	960.000	J			
P3910-15	DDC35	Solid	Hexanal ethyl cis-3-hexenyl aceta	*	130.000	J			
P3910-15	DDC35	Solid	Methyl 2-diethylamino-3-methyl-l	*	2,300.000	J			
P3910-15	DDC35	Solid	Naphthalene, 2,3,6-trimethyl-	*	300.000	J			
P3910-15	DDC35	Solid	Naphthalene, 2,3-dimethyl-	*	460.000	J			
P3910-15	DDC35	Solid	o-Cymene	*	220.000	J			
P3910-15	DDC35	Solid	Oxalic acid, 2-ethylhexyl isohexyl	*	140.000	J			
P3910-15	DDC35	Solid	unknown-01	*	230.000	J			
P3910-15	DDC35	Solid	unknown-02	*	200.000	J			
P3910-15	DDC35	Solid	unknown-03	*	440.000	J			
P3910-15	DDC35	Solid	unknown-04	*	330.000	J			
P3910-15	DDC35	Solid	unknown-05	*	800.000	J			
P3910-15	DDC35	Solid	unknown-06	*	700.000	J			
P3910-15	DDC35	Solid	unknown-07	*	270.000	J			
P3910-15	DDC35	Solid	unknown-08	*	320.000	J			
P3910-15	DDC35	Solid	unknown-09	*	350.000	J			
P3910-15	DDC35	Solid	unknown-10	*	1,000.000	J			
P3910-15	DDC35	Solid	unknown-11	*	340.000	J			
P3910-15	DDC35	Solid	Total Alkanes	*	28,000.000		56	200	ug/Kg
			Total Tics :		**71,760.00**				
P3910-15	DDC35	Solid	1-Methylnaphthalene		260.000		48	200	ug/Kg
P3910-15	DDC35	Solid	2-Methylnaphthalene		440.000		43	200	ug/Kg
P3910-15	DDC35	Solid	Naphthalene		120.000	J	40	200	ug/Kg
P3910-15	DDC35	Solid	Pentachlorophenol		280.000	J	100	380	ug/Kg
P3910-15	DDC35	Solid	Phenanthrene		120.000	J	51	200	ug/Kg
P3910-15	DDC35	Solid	Phenol		60.000	J	41	380	ug/Kg
			Total Svoc :		**1,280.00**				
			Total Concentration:		**73,040.00**				
Client ID :	**DDC36**								
P3910-16	DDC36	Solid	(DEL) Alkane: Cyclic6.463	*	480.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Cyclic8.116	*	350.000	J			

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Hit Summary Sheet
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SDG No.: BM093024

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain10.(	*	140.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain11.1	*	220.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain11.(	*	260.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain12.(	*	550.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain12.9	*	100.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain13.9	*	140.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain14.3	*	820.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain15.3	*	310.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain15.7	*	140.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain15.9	*	650.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain16.1	*	2,000.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain16.9	*	1,500.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain17.(	*	1,500.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain17.(	*	1,600.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain18.3	*	1,200.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain19.(	*	1,100.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain20.1	*	1,400.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain21.(	*	960.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain21.(	*	820.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain5.84	*	1,300.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain6.38	*	410.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain6.82	*	480.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain6.87	*	510.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain7.46	*	2,800.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain8.41	*	330.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain8.59	*	620.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain9.0(	*	2,300.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain9.61	*	140.000	J			
P3910-16	DDC36	Solid	(DEL) Alkane: Straight-Chain9.9(	*	130.000	J			
P3910-16	DDC36	Solid	1-Hexanol, 2-ethyl-	*	2,200.000	J			
P3910-16	DDC36	Solid	2-Methylidene-hydrazono-3-meth	*	1,700.000	J			
P3910-16	DDC36	Solid	9,9-Dimethyl-9-sila-9,10-dihydroı	*	1,200.000	J			
P3910-16	DDC36	Solid	Benzene, 1,2,3-trimethyl-	*	440.000	J			
P3910-16	DDC36	Solid	Benzene, 1,2-diethyl-	*	540.000	J			
P3910-16	DDC36	Solid	Benzene, 1,3,5-trimethyl-2-(1-met	*	900.000	J			
P3910-16	DDC36	Solid	Benzene, 1-ethyl-2-methyl-	*	530.000	J			
P3910-16	DDC36	Solid	Benzene, 1-ethyl-4-methyl-	*	450.000	J			
P3910-16	DDC36	Solid	Benzene, 1-methyl-2-propyl-	*	390.000	J			
P3910-16	DDC36	Solid	Benzene, 1-methyl-3-(1-methyleth	*	440.000	J			
P3910-16	DDC36	Solid	Benzene, 1-methyl-3-propyl-	*	750.000	J			

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Hit Summary Sheet
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SDG No.: BM093024

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3910-16	DDC36	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	330.000	J			
P3910-16	DDC36	Solid	Benzene, 4-ethyl-1,2-dimethyl-	*	600.000	J			
P3910-16	DDC36	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	290.000	J			
P3910-16	DDC36	Solid	Ether, tert-butyl isopropylidenecy	*	290.000	J			
P3910-16	DDC36	Solid	Hydroxylamine, O-decyl-	*	1,000.000	J			
P3910-16	DDC36	Solid	Mesitylene	*	480.000	J			
P3910-16	DDC36	Solid	Naphthalene, 1,4,6-trimethyl-	*	490.000	J			
P3910-16	DDC36	Solid	Oxalic acid, 2-ethylhexyl isohexyl	*	230.000	J			
P3910-16	DDC36	Solid	Tributylamine	*	810.000	J			
P3910-16	DDC36	Solid	unknown-01	*	300.000	J			
P3910-16	DDC36	Solid	unknown-02	*	1,600.000	J			
P3910-16	DDC36	Solid	unknown-03	*	410.000	J			
P3910-16	DDC36	Solid	unknown-04	*	540.000	J			
P3910-16	DDC36	Solid	unknown-05	*	420.000	J			
P3910-16	DDC36	Solid	unknown-06	*	290.000	J			
P3910-16	DDC36	Solid	unknown-07	*	300.000	J			
P3910-16	DDC36	Solid	unknown-08	*	540.000	J			
P3910-16	DDC36	Solid	unknown-09	*	520.000	J			
P3910-16	DDC36	Solid	unknown-10	*	480.000	J			
P3910-16	DDC36	Solid	Total Alkanes	*	25,000.000		59	210	ug/Kg
			Total Tics :		**69,720.00**				
P3910-16	DDC36	Solid	1,1-Biphenyl		230.000		59	210	ug/Kg
P3910-16	DDC36	Solid	1-Methylnaphthalene		1,600.000		51	210	ug/Kg
P3910-16	DDC36	Solid	2,3,4,6-Tetrachlorophenol		870.000		46	210	ug/Kg
P3910-16	DDC36	Solid	2-Methylnaphthalene		2,400.000		46	210	ug/Kg
P3910-16	DDC36	Solid	Acenaphthene		84.000	J	51	210	ug/Kg
P3910-16	DDC36	Solid	Bis(2-ethylhexyl)phthalate		100.000	J	54	210	ug/Kg
P3910-16	DDC36	Solid	Fluoranthene		82.000	J	54	210	ug/Kg
P3910-16	DDC36	Solid	Fluorene		190.000	J	55	210	ug/Kg
P3910-16	DDC36	Solid	Hexachlorobutadiene		45.000	J	42	210	ug/Kg
P3910-16	DDC36	Solid	Naphthalene		950.000		42	210	ug/Kg
P3910-16	DDC36	Solid	Pentachlorophenol		8,200.000	E	110	410	ug/Kg
P3910-16	DDC36	Solid	Phenanthrene		570.000		54	210	ug/Kg
P3910-16	DDC36	Solid	Pyrene		84.000	J	54	210	ug/Kg
			Total Svoc :		**15,405.00**				
			Total Concentration:		**85,125.00**				
Client ID :	**DDCA6DL**								
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Cyclic6.463	*	520.000	JD			
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Cyclic8.110	*	460.000	JD			
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Straight-Chain12.(	*	720.000	JD			

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Hit Summary Sheet
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SDG No.: BM093024

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Straight-Chain13.2	*	850.000	JD			
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Straight-Chain15.7	*	380.000	JD			
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Straight-Chain16.1	*	870.000	JD			
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Straight-Chain16.9	*	780.000	JD			
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Straight-Chain17.0	*	500.000	JD			
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Straight-Chain17.6	*	580.000	JD			
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Straight-Chain18.3	*	430.000	JD			
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Straight-Chain5.84	*	1,200.000	JD			
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Straight-Chain6.38	*	380.000	JD			
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Straight-Chain6.81	*	580.000	JD			
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Straight-Chain6.86	*	680.000	JD			
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Straight-Chain7.44	*	4,400.000	JD			
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Straight-Chain8.35	*	870.000	JD			
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Straight-Chain8.41	*	390.000	JD			
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Straight-Chain8.58	*	690.000	JD			
P3927-20DL	DDCA6DL	Solid	(DEL) Alkane: Straight-Chain9.05	*	3,300.000	JD			
P3927-20DL	DDCA6DL	Solid	1-Hexanol, 2-ethyl-	*	2,100.000	JD			
P3927-20DL	DDCA6DL	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane	*	550.000	JD			
P3927-20DL	DDCA6DL	Solid	2-Ethylhexyl 2-ethylhexanoate	*	540.000	JD			
P3927-20DL	DDCA6DL	Solid	3,4-Dihydro-2-[1H]quinoxalinone	*	660.000	JD			
P3927-20DL	DDCA6DL	Solid	9,9-Dimethyl-9-sila-9,10-dihydrop	*	400.000	JD			
P3927-20DL	DDCA6DL	Solid	9-Methyl-S-octahydroanthracene	*	530.000	JD			
P3927-20DL	DDCA6DL	Solid	Benzene, 1,2,3-trimethyl-	*	480.000	JD			
P3927-20DL	DDCA6DL	Solid	Benzene, 1,2-diethyl-	*	690.000	JD			
P3927-20DL	DDCA6DL	Solid	Benzene, 1,3,5-trimethyl-2-(1-met	*	1,100.000	JD			
P3927-20DL	DDCA6DL	Solid	Benzene, 1-ethyl-2-methyl-	*	450.000	JD			
P3927-20DL	DDCA6DL	Solid	Benzene, 1-ethyl-3-methyl-	*	560.000	JD			
P3927-20DL	DDCA6DL	Solid	Benzene, 1-methyl-2-propyl-	*	420.000	JD			
P3927-20DL	DDCA6DL	Solid	Benzophenone	*	470.000	JD			
P3927-20DL	DDCA6DL	Solid	Carbonic acid, isobutyl 2-ethylhex	*	790.000	JD			
P3927-20DL	DDCA6DL	Solid	Mesitylene	*	570.000	JD			
P3927-20DL	DDCA6DL	Solid	Methyl 2-diethylamino-3-methyl-l	*	1,800.000	JD			
P3927-20DL	DDCA6DL	Solid	Naphthalene, 1,5-dimethyl-	*	480.000	JD			
P3927-20DL	DDCA6DL	Solid	o-Cymene	*	480.000	JD			
P3927-20DL	DDCA6DL	Solid	Octane, 1,1-oxybis-	*	11,000.000	JD			
P3927-20DL	DDCA6DL	Solid	Pentan-2-yl 2-methylbutanoate	*	930.000	JD			
P3927-20DL	DDCA6DL	Solid	Phorone	*	390.000	JD			
P3927-20DL	DDCA6DL	Solid	unknown-01	*	470.000	JD			
P3927-20DL	DDCA6DL	Solid	unknown-02	*	510.000	JD			
P3927-20DL	DDCA6DL	Solid	unknown-03	*	640.000	JD			

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Hit Summary Sheet
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SDG No.: BM093024

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P3927-20DL	DDCA6DL	Solid	Total Alkanes	*	19,000.000	D	270	960	ug/Kg
			Total Tics :		**64,590.00**				
P3927-20DL	DDCA6DL	Solid	2,3,4,6-Tetrachlorophenol		4,400.000	D	210	960	ug/Kg
P3927-20DL	DDCA6DL	Solid	2-Methylnaphthalene		320.000	JD	210	960	ug/Kg
P3927-20DL	DDCA6DL	Solid	Pentachlorophenol		49,000.000	ED	490	1900	ug/Kg
			Total Svoc :		**53,720.00**				
			Total Concentration:		**118,310.00**				
Client ID :	**DDCA7DL**								
P3927-21DL	DDCA7DL	Solid	1-Hexanol, 2-ethyl-	*	1,400.000	JD			
P3927-21DL	DDCA7DL	Solid	Total Alkanes	*	0.000	D	610	2200	ug/Kg
			Total Tics :		**1,400.00**				
P3927-21DL	DDCA7DL	Solid	2,3,4,6-Tetrachlorophenol		1,800.000	JD	470	2200	ug/Kg
P3927-21DL	DDCA7DL	Solid	Pentachlorophenol		16,000.000	D	1100	4200	ug/Kg
			Total Svoc :		**17,800.00**				
			Total Concentration:		**19,200.00**				
Client ID :	**DDC99**								
P4018-01	DDC99	Solid	11H-Benzo[a]fluorene	*	200.000	J			
P4018-01	DDC99	Solid	11H-Benzo[b]fluorene	*	100.000	J			
P4018-01	DDC99	Solid	2-Ethylhexyl mercaptoacetate	*	270.000	J			
P4018-01	DDC99	Solid	4H-Cyclopenta[def]phenanthrene	*	230.000	J			
P4018-01	DDC99	Solid	Anisole, 2,3,4,5,6-pentachloro-	*	99.000	J			
P4018-01	DDC99	Solid	Anthracene, 1,2,3,4-tetrahydro-	*	130.000	J			
P4018-01	DDC99	Solid	Anthracene, 2-methyl-	*	150.000	J			
P4018-01	DDC99	Solid	Benz[c]acridine	*	110.000	J			
P4018-01	DDC99	Solid	Benzo[b]naphtho[2,1-d]thiophene	*	110.000	J			
P4018-01	DDC99	Solid	Cyclopenta(def)phenanthrenone	*	84.000	J			
P4018-01	DDC99	Solid	Dibenzothiophene	*	97.000	J			
P4018-01	DDC99	Solid	Naphthalene, 2-phenyl-	*	91.000	J			
P4018-01	DDC99	Solid	Phenanthrene, 2-methyl-	*	180.000	J			
P4018-01	DDC99	Solid	Pyrene, 1-methyl-	*	96.000	J			
P4018-01	DDC99	Solid	Total Alkanes	*	0.000		58	210	ug/Kg
			Total Tics :		**1,947.00**				
P4018-01	DDC99	Solid	2,3,4,6-Tetrachlorophenol		130.000	J	45	210	ug/Kg
P4018-01	DDC99	Solid	Acetophenone		170.000	J	46	400	ug/Kg
P4018-01	DDC99	Solid	Anthracene		130.000	J	52	210	ug/Kg
P4018-01	DDC99	Solid	Benzo(a)anthracene		700.000		47	210	ug/Kg
P4018-01	DDC99	Solid	Benzo(a)pyrene		220.000		51	210	ug/Kg
P4018-01	DDC99	Solid	Benzo(b)fluoranthene		780.000		51	210	ug/Kg
P4018-01	DDC99	Solid	Benzo(k)fluoranthene		220.000		54	210	ug/Kg
P4018-01	DDC99	Solid	Carbazole		100.000	J	54	400	ug/Kg

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Hit Summary Sheet
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SDG No.: BM093024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4018-01	DDC99	Solid	Chrysene	740.000		54	210	ug/Kg
P4018-01	DDC99	Solid	Dibenzo(a,h)anthracene	85.000	J	45	210	ug/Kg
P4018-01	DDC99	Solid	Fluoranthene	1,900.000		53	210	ug/Kg
P4018-01	DDC99	Solid	Indeno(1,2,3-cd)pyrene	150.000	J	45	210	ug/Kg
P4018-01	DDC99	Solid	Pentachlorophenol	5,800.000		100	400	ug/Kg
P4018-01	DDC99	Solid	Phenanthrene	720.000		53	210	ug/Kg
P4018-01	DDC99	Solid	Pyrene	960.000		53	210	ug/Kg
			Total Svoc :	**12,805.00**				
			Total Concentration:	**14,752.00**				

Client ID : DDCA1

P4018-03	DDCA1	Solid	(DEL) Alkane: Cyclic6.463	*	480.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Cyclic8.116	*	410.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain10.(	*	150.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain11.(	*	250.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain12.(	*	540.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain15.3	*	350.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain15.7	*	110.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain15.9	*	450.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain16.1	*	1,800.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain17.(	*	1,200.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain17.(	*	1,300.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain18.3	*	960.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain19.(	*	790.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain20.1	*	800.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain21.(	*	810.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain22.1	*	490.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain5.84	*	1,300.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain6.09	*	310.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain6.31	*	370.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain6.38	*	410.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain6.78	*	290.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain6.82	*	560.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain6.88	*	640.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain7.46	*	2,800.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain8.01	*	380.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain8.41	*	400.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain8.59	*	640.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain9.06	*	2,100.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain9.9(	*	210.000	J		
P4018-03	DDCA1	Solid	(DEL) Alkane: Straight-Chain9.96	*	140.000	J		

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

SDG No.: BM093024

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4018-03	DDCA1	Solid	1-Hexanol, 2-ethyl-	*	2,100.000	J			
P4018-03	DDCA1	Solid	2-Amino-5-isopropyl-8-methyl-1-	*	840.000	J			
P4018-03	DDCA1	Solid	2-Heptanone, 4,6-dimethyl-	*	280.000	J			
P4018-03	DDCA1	Solid	3-Trifluoroacetoxy-6-ethyldecane	*	220.000	J			
P4018-03	DDCA1	Solid	5-Methylthiopyridin-2-ol	*	250.000	J			
P4018-03	DDCA1	Solid	Azulene, 1,4-dimethyl-7-(1-methy	*	450.000	J			
P4018-03	DDCA1	Solid	Benzene, 1,2,3-trimethyl-	*	490.000	J			
P4018-03	DDCA1	Solid	Benzene, 1,3,5-trimethyl-2-(1-met	*	940.000	J			
P4018-03	DDCA1	Solid	Benzene, 1,3-diethyl-	*	290.000	J			
P4018-03	DDCA1	Solid	Benzene, 1,3-diethyl-5-methyl-	*	740.000	J			
P4018-03	DDCA1	Solid	Benzene, 1-ethyl-2-methyl-	*	570.000	J			
P4018-03	DDCA1	Solid	Benzene, 1-ethyl-4-methyl-	*	480.000	J			
P4018-03	DDCA1	Solid	Benzene, 1-methyl-3-(1-methyleth	*	410.000	J			
P4018-03	DDCA1	Solid	Benzene, 1-methyl-3-propyl-	*	880.000	J			
P4018-03	DDCA1	Solid	Benzene, 1-methyl-4-propyl-	*	400.000	J			
P4018-03	DDCA1	Solid	Carbonic acid, neopentyl 2-ethylh	*	810.000	J			
P4018-03	DDCA1	Solid	Hexadecanoic acid, methyl ester	*	620.000	J			
P4018-03	DDCA1	Solid	Mesitylene	*	590.000	J			
P4018-03	DDCA1	Solid	Naphthalene, 2,3,6-trimethyl-	*	270.000	J			
P4018-03	DDCA1	Solid	o-Cymene	*	330.000	J			
P4018-03	DDCA1	Solid	Phorone	*	300.000	J			
P4018-03	DDCA1	Solid	unknown-01	*	340.000	J			
P4018-03	DDCA1	Solid	unknown-02	*	480.000	J			
P4018-03	DDCA1	Solid	unknown-03	*	430.000	J			
P4018-03	DDCA1	Solid	unknown-04	*	300.000	J			
P4018-03	DDCA1	Solid	unknown-05	*	380.000	J			
P4018-03	DDCA1	Solid	unknown-06	*	310.000	J			
P4018-03	DDCA1	Solid	unknown-07	*	690.000	J			
P4018-03	DDCA1	Solid	unknown-08	*	610.000	J			
P4018-03	DDCA1	Solid	unknown-09	*	390.000	J			
P4018-03	DDCA1	Solid	Total Alkanes	*	21,000.000		58	210	ug/Kg
			Total Tics :		**58,630.00**				
P4018-03	DDCA1	Solid	1,1-Biphenyl		190.000	J	58	210	ug/Kg
P4018-03	DDCA1	Solid	1-Methylnaphthalene		1,500.000		50	210	ug/Kg
P4018-03	DDCA1	Solid	2,3,4,6-Tetrachlorophenol		18,000.000	E	45	210	ug/Kg
P4018-03	DDCA1	Solid	2,4,6-Trichlorophenol		140.000	J	52	210	ug/Kg
P4018-03	DDCA1	Solid	2,4-Dichlorophenol		74.000	J	47	210	ug/Kg
P4018-03	DDCA1	Solid	2-Methylnaphthalene		2,400.000		45	210	ug/Kg
P4018-03	DDCA1	Solid	Acenaphthene		65.000	J	50	210	ug/Kg
P4018-03	DDCA1	Solid	Fluorene		170.000	J	55	210	ug/Kg

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

SDG No.: BM093024

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4018-03	DDCA1	Solid	Isophorone	820.000		41	210	ug/Kg
P4018-03	DDCA1	Solid	Naphthalene	740.000		41	210	ug/Kg
P4018-03	DDCA1	Solid	Pentachlorophenol	120,000.000	E	110	400	ug/Kg
P4018-03	DDCA1	Solid	Phenanthrene	430.000		54	210	ug/Kg
			Total Svoc :	**144,529.00**				
			Total Concentration:	**203,159.00**				
Client ID : DDCB3								
P4018-07	DDCB3	Solid	(DEL) Alkane: Straight-Chain12.(*	130.000	J			
P4018-07	DDCB3	Solid	(DEL) Alkane: Straight-Chain13.2 *	200.000	J			
P4018-07	DDCB3	Solid	(DEL) Alkane: Straight-Chain15.3 *	410.000	J			
P4018-07	DDCB3	Solid	(DEL) Alkane: Straight-Chain15.7 *	130.000	J			
P4018-07	DDCB3	Solid	(DEL) Alkane: Straight-Chain16.1 *	240.000	J			
P4018-07	DDCB3	Solid	(DEL) Alkane: Straight-Chain16.9 *	170.000	J			
P4018-07	DDCB3	Solid	(DEL) Alkane: Straight-Chain17.(*	140.000	J			
P4018-07	DDCB3	Solid	(DEL) Alkane: Straight-Chain17.(*	150.000	J			
P4018-07	DDCB3	Solid	(DEL) Alkane: Straight-Chain18.3 *	110.000	J			
P4018-07	DDCB3	Solid	(DEL) Alkane: Straight-Chain19.(*	110.000	J			
P4018-07	DDCB3	Solid	(DEL) Alkane: Straight-Chain5.84 *	140.000	J			
P4018-07	DDCB3	Solid	(DEL) Alkane: Straight-Chain6.81 *	81.000	J			
P4018-07	DDCB3	Solid	(DEL) Alkane: Straight-Chain6.8(*	98.000	J			
P4018-07	DDCB3	Solid	(DEL) Alkane: Straight-Chain7.44 *	550.000	J			
P4018-07	DDCB3	Solid	(DEL) Alkane: Straight-Chain8.35 *	110.000	J			
P4018-07	DDCB3	Solid	(DEL) Alkane: Straight-Chain8.58 *	120.000	J			
P4018-07	DDCB3	Solid	(DEL) Alkane: Straight-Chain9.04 *	560.000	J			
P4018-07	DDCB3	Solid	1-Hexanol, 2-ethyl- *	120.000	J			
P4018-07	DDCB3	Solid	2-Amino-5-isopropyl-8-methyl-1- *	100.000	J			
P4018-07	DDCB3	Solid	2-Butanone, 4-phenyl- *	120.000	J			
P4018-07	DDCB3	Solid	3-Trifluoroacetoxy-6-ethyldecane *	200.000	J			
P4018-07	DDCB3	Solid	Azulene, 1,4-dimethyl-7-(1-methy *	130.000	J			
P4018-07	DDCB3	Solid	Benzene, 1,3,5-trimethyl-2-(1-met *	260.000	J			
P4018-07	DDCB3	Solid	Benzophenone *	210.000	J			
P4018-07	DDCB3	Solid	Carbonic acid, 2-ethylhexyl penta(*	81.000	J			
P4018-07	DDCB3	Solid	Cyclopropane, 1-methoxy-2,2-dim *	400.000	J			
P4018-07	DDCB3	Solid	Heptacosane, 1-chloro- *	90.000	J			
P4018-07	DDCB3	Solid	Isooctyl mercaptoacetate *	2,400.000	J			
P4018-07	DDCB3	Solid	n-Hexadecanoic acid *	120.000	J			
P4018-07	DDCB3	Solid	Naphthalene, 1,6,7-trimethyl- *	85.000	J			
P4018-07	DDCB3	Solid	Naphthalene, 1,6-dimethyl- *	100.000	J			
P4018-07	DDCB3	Solid	Naphthalene, 2,3-dimethyl- *	92.000	J			
P4018-07	DDCB3	Solid	Oxalic acid, 2-ethylhexyl isohexyl *	240.000	J			

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Hit Summary Sheet
SW-846

SDG No.: BM093024

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4018-07	DDCB3	Solid	Phenol, 2,3,5,6-tetrachloro-	*	140.000	J			
P4018-07	DDCB3	Solid	unknown-01	*	89.000	J			
P4018-07	DDCB3	Solid	Total Alkanes	*	3,400.000		57	200	ug/Kg
			Total Tics :		**11,826.00**				
P4018-07	DDCB3	Solid	1-Methylnaphthalene		57.000	J	48	200	ug/Kg
P4018-07	DDCB3	Solid	2,3,4,6-Tetrachlorophenol		6,100.000	E	44	200	ug/Kg
P4018-07	DDCB3	Solid	2-Methylnaphthalene		64.000	J	44	200	ug/Kg
P4018-07	DDCB3	Solid	Pentachlorophenol		47,000.000	E	100	390	ug/Kg
			Total Svoc :		**53,221.00**				
			Total Concentration:		**65,047.00**				
Client ID :	**DDCB4**								
P4018-08	DDCB4	Solid	(DEL) Alkane: Cyclic8.110	*	290.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain11.1	*	92.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain11.6	*	170.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain11.8	*	94.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain12.0	*	380.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain14.3	*	5,000.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain14.9	*	560.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain15.3	*	2,200.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain15.7	*	790.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain15.8	*	490.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain15.8	*	190.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain15.9	*	230.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain16.1	*	1,100.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain17.0	*	630.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain17.6	*	690.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain18.3	*	490.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain19.0	*	600.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain20.1	*	1,200.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain20.6	*	780.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain21.6	*	860.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain22.1	*	1,300.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain22.8	*	610.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain5.84	*	300.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain6.87	*	330.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain7.45	*	2,100.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain8.35	*	630.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain8.41	*	310.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain8.59	*	690.000	J			
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain9.05	*	2,800.000	J			

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

SDG No.: BM093024

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4018-08	DDCB4	Solid	(DEL) Alkane: Straight-Chain9.8	*	120.000	J			
P4018-08	DDCB4	Solid	1,5,6,7-Tetramethyl-3-phenylbicy	*	350.000	J			
P4018-08	DDCB4	Solid	1-Hexanol, 2-ethyl-	*	790.000	J			
P4018-08	DDCB4	Solid	1H-Indole, 4-(3-methyl-2-butenyl	*	1,100.000	J			
P4018-08	DDCB4	Solid	3-Ethyl-2,6,10-trimethylundecane	*	630.000	J			
P4018-08	DDCB4	Solid	4-Methylphenyl acetone	*	700.000	J			
P4018-08	DDCB4	Solid	Acetamide, 2-(4-methoxyphenyl)-	*	300.000	J			
P4018-08	DDCB4	Solid	Azulene, 1,4-dimethyl-7-(1-methy	*	450.000	J			
P4018-08	DDCB4	Solid	Benzene, 1,3,5-trimethyl-2-(1-met	*	350.000	J			
P4018-08	DDCB4	Solid	Benzene, 1-methyl-3-(1-methyleth	*	440.000	J			
P4018-08	DDCB4	Solid	Benzene, 1-methyl-4-propyl-	*	350.000	J			
P4018-08	DDCB4	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	400.000	J			
P4018-08	DDCB4	Solid	Carbonic acid, 2-ethylhexyl hexad	*	770.000	J			
P4018-08	DDCB4	Solid	Carbonic acid, 2-ethylhexyl nonyl	*	1,900.000	J			
P4018-08	DDCB4	Solid	Mesitylene	*	340.000	J			
P4018-08	DDCB4	Solid	Naphthalene, 1,3-dimethyl-	*	870.000	J			
P4018-08	DDCB4	Solid	Naphthalene, 1,6,7-trimethyl-	*	450.000	J			
P4018-08	DDCB4	Solid	Naphthalene, 2,3,6-trimethyl-	*	480.000	J			
P4018-08	DDCB4	Solid	Naphthalene, 2,3-dimethyl-	*	710.000	J			
P4018-08	DDCB4	Solid	o-Cymene	*	300.000	J			
P4018-08	DDCB4	Solid	Pentadecanoic acid, 14-methyl-, n	*	200.000	J			
P4018-08	DDCB4	Solid	Razoxane	*	91.000	J			
P4018-08	DDCB4	Solid	unknown-01	*	79.000	J			
P4018-08	DDCB4	Solid	unknown-02	*	280.000	J			
P4018-08	DDCB4	Solid	unknown-03	*	110.000	J			
P4018-08	DDCB4	Solid	unknown-04	*	94.000	J			
P4018-08	DDCB4	Solid	unknown-05	*	1,200.000	J			
P4018-08	DDCB4	Solid	unknown-06	*	600.000	J			
P4018-08	DDCB4	Solid	unknown-07	*	440.000	J			
P4018-08	DDCB4	Solid	unknown-08	*	300.000	J			
P4018-08	DDCB4	Solid	Total Alkanes	*	26,000.000		55	190	ug/Kg
			Total Tics :		**67,100.00**				
P4018-08	DDCB4	Solid	1,1-Biphenyl		140.000	J	55	190	ug/Kg
P4018-08	DDCB4	Solid	1-Methylnaphthalene		1,200.000		47	190	ug/Kg
P4018-08	DDCB4	Solid	2,3,4,6-Tetrachlorophenol		17,000.000	E	42	190	ug/Kg
P4018-08	DDCB4	Solid	2,4,6-Trichlorophenol		150.000	J	49	190	ug/Kg
P4018-08	DDCB4	Solid	2-Methylnaphthalene		1,800.000		42	190	ug/Kg
P4018-08	DDCB4	Solid	Bis(2-ethylhexyl)phthalate		51.000	J	50	190	ug/Kg
P4018-08	DDCB4	Solid	Fluorene		90.000	J	51	190	ug/Kg
P4018-08	DDCB4	Solid	Naphthalene		790.000		39	190	ug/Kg

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

SDG No.: BM093024

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4018-08	DDCB4	Solid	Pentachlorophenol		85,000.000	E	99	380	ug/Kg
P4018-08	DDCB4	Solid	Phenanthrene		310.000		50	190	ug/Kg
			Total Svoc :		**106,531.00**				
			Total Concentration:		**173,631.00**				
Client ID :	**DDCB5**								
P4018-09	DDCB5	Solid	(DEL) Alkane: Cyclic6.463	*	380.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Cyclic8.116	*	350.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Cyclic9.616	*	92.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain10.(	*	120.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain10.1	*	87.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain11.1	*	160.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain11.(	*	220.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain12.(	*	370.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain12.1	*	120.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain15.3	*	310.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain15.7	*	120.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain16.1	*	1,400.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain17.(	*	520.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain17.(	*	940.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain18.3	*	700.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain19.(	*	880.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain20.1	*	550.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain22.1	*	430.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain5.84	*	770.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain6.38	*	310.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain6.81	*	420.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain6.87	*	530.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain7.45	*	2,400.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain8.35	*	680.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain8.41	*	300.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain8.59	*	660.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain9.0(	*	2,200.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain9.89	*	170.000	J			
P4018-09	DDCB5	Solid	(DEL) Alkane: Straight-Chain9.9(	*	97.000	J			
P4018-09	DDCB5	Solid	1-Hexanol, 2-ethyl-	*	1,300.000	J			
P4018-09	DDCB5	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane	*	230.000	J			
P4018-09	DDCB5	Solid	2-Heptanone, 4,6-dimethyl-	*	430.000	J			
P4018-09	DDCB5	Solid	3-Methyl-thiophene-2-carboxamic	*	150.000	J			
P4018-09	DDCB5	Solid	3-Trifluoroacetoxy-6-ethyldecane	*	190.000	J			
P4018-09	DDCB5	Solid	9,9-Dimethyl-9-sila-9,10-dihydro	*	650.000	J			

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

Hit Summary Sheet
SW-846

SDG No.: BM093024

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4018-09	DDCB5	Solid	9-Octadecenoic acid, (E)-	*	280.000	J			
P4018-09	DDCB5	Solid	Azulene, 1,4-dimethyl-7-(1-methy	*	650.000	J			
P4018-09	DDCB5	Solid	Benzene, 1,2,3-trimethyl-	*	340.000	J			
P4018-09	DDCB5	Solid	Benzene, 1,2-diethyl-	*	420.000	J			
P4018-09	DDCB5	Solid	Benzene, 1,3,5-trimethyl-2-(1-met	*	530.000	J			
P4018-09	DDCB5	Solid	Benzene, 1-ethyl-2-methyl-	*	330.000	J			
P4018-09	DDCB5	Solid	Benzene, 1-ethyl-3-methyl-	*	380.000	J			
P4018-09	DDCB5	Solid	Benzene, 1-methyl-4-(1-methylpr	*	640.000	J			
P4018-09	DDCB5	Solid	Benzene, 1-methyl-4-propyl-	*	410.000	J			
P4018-09	DDCB5	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	320.000	J			
P4018-09	DDCB5	Solid	Benzene, pentachloro-	*	340.000	J			
P4018-09	DDCB5	Solid	Carbonic acid, neopentyl 2-ethylh	*	750.000	J			
P4018-09	DDCB5	Solid	Mesitylene	*	470.000	J			
P4018-09	DDCB5	Solid	Naphthalene, 1,3-dimethyl-	*	120.000	J			
P4018-09	DDCB5	Solid	Naphthalene, 1,4,6-trimethyl-	*	240.000	J			
P4018-09	DDCB5	Solid	o-Cymene	*	410.000	J			
P4018-09	DDCB5	Solid	Oxalic acid, decyl 2-ethylhexyl es	*	750.000	J			
P4018-09	DDCB5	Solid	Pentadecanoic acid, 14-methyl-, n	*	320.000	J			
P4018-09	DDCB5	Solid	Tetrabromocatechol	*	350.000	J			
P4018-09	DDCB5	Solid	unknown-01	*	320.000	J			
P4018-09	DDCB5	Solid	unknown-02	*	390.000	J			
P4018-09	DDCB5	Solid	unknown-03	*	200.000	J			
P4018-09	DDCB5	Solid	unknown-04	*	330.000	J			
P4018-09	DDCB5	Solid	unknown-05	*	490.000	J			
P4018-09	DDCB5	Solid	Total Alkanes	*	16,000.000		54	190	ug/Kg
			Total Tics :		**45,016.00**				
P4018-09	DDCB5	Solid	1,1-Biphenyl		160.000	J	54	190	ug/Kg
P4018-09	DDCB5	Solid	1-Methylnaphthalene		1,300.000		46	190	ug/Kg
P4018-09	DDCB5	Solid	2,3,4,6-Tetrachlorophenol		21,000.000	E	42	190	ug/Kg
P4018-09	DDCB5	Solid	2,4,6-Trichlorophenol		120.000	J	48	190	ug/Kg
P4018-09	DDCB5	Solid	2-Methylnaphthalene		2,200.000		42	190	ug/Kg
P4018-09	DDCB5	Solid	Acenaphthene		58.000	J	46	190	ug/Kg
P4018-09	DDCB5	Solid	Bis(2-ethylhexyl)phthalate		58.000	J	50	190	ug/Kg
P4018-09	DDCB5	Solid	Fluorene		130.000	J	51	190	ug/Kg
P4018-09	DDCB5	Solid	Naphthalene		860.000		38	190	ug/Kg
P4018-09	DDCB5	Solid	Pentachlorophenol		110,000.000	E	98	370	ug/Kg
P4018-09	DDCB5	Solid	Phenanthrene		350.000		50	190	ug/Kg
			Total Svoc :		**136,236.00**				
			Total Concentration:		**181,252.00**				

Client ID : DDCB6

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

SDG No.: BM093024

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4018-10	DDCB6	Solid	(DEL) Alkane: Cyclic10.892	*	170.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Cyclic12.081	*	160.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Cyclic6.099	*	250.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Cyclic6.463	*	470.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Cyclic8.116	*	350.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain10.(	*	130.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain10.1	*	100.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain11.1	*	360.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain11.5	*	140.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain12.(	*	370.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain14.3	*	3,800.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain15.3	*	2,600.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain15.7	*	1,400.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain16.1	*	2,700.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain17.(	*	1,500.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain17.(	*	1,900.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain18.3	*	1,500.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain20.1	*	990.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain22.1	*	1,200.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain5.84	*	1,100.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain6.22	*	230.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain6.38	*	380.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain6.72	*	330.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain6.78	*	290.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain6.82	*	510.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain6.87	*	630.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain7.46	*	2,500.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain8.01	*	260.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain8.41	*	400.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain8.59	*	660.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain9.06	*	2,400.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain9.46	*	98.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain9.61	*	140.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain9.90	*	170.000	J			
P4018-10	DDCB6	Solid	(DEL) Alkane: Straight-Chain9.96	*	120.000	J			
P4018-10	DDCB6	Solid	1-Hexanol, 2-ethyl-	*	2,300.000	J			
P4018-10	DDCB6	Solid	2-Heptanone, 4,6-dimethyl-	*	580.000	J			
P4018-10	DDCB6	Solid	2-Methyl-1-hexanol	*	470.000	J			
P4018-10	DDCB6	Solid	3,4-Dimethyl(1H)pyrrole, 2-[(3,4-	*	1,300.000	J			
P4018-10	DDCB6	Solid	8-Octadecenoic acid, methyl ester	*	2,600.000	J			

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

SDG No.: BM093024

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4018-10	DDCB6	Solid	Benzene, 1,4-diethyl-	*	420.000	J			
P4018-10	DDCB6	Solid	Benzene, 1-ethyl-3-methyl-	*	450.000	J			
P4018-10	DDCB6	Solid	Benzene, 1-ethyl-4-methyl-	*	470.000	J			
P4018-10	DDCB6	Solid	Benzene, 1-methyl-2-propyl-	*	440.000	J			
P4018-10	DDCB6	Solid	Benzene, 1-methyl-3-propyl-	*	790.000	J			
P4018-10	DDCB6	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	620.000	J			
P4018-10	DDCB6	Solid	Butanoic acid, hexyl ester	*	1,600.000	J			
P4018-10	DDCB6	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	670.000	J			
P4018-10	DDCB6	Solid	D-Limonene	*	740.000	J			
P4018-10	DDCB6	Solid	Heptafluorobutyric acid, n-tetrade	*	770.000	J			
P4018-10	DDCB6	Solid	Hexadecanoic acid, methyl ester	*	1,900.000	J			
P4018-10	DDCB6	Solid	Hexylene glycol	*	470.000	J			
P4018-10	DDCB6	Solid	Methyl stearate	*	820.000	J			
P4018-10	DDCB6	Solid	Naphthalene, 1,4,6-trimethyl-	*	680.000	J			
P4018-10	DDCB6	Solid	Naphthalene, 1,5-dimethyl-	*	990.000	J			
P4018-10	DDCB6	Solid	Naphthalene, 2,3,6-trimethyl-	*	720.000	J			
P4018-10	DDCB6	Solid	Naphthalene, 2,3-dimethyl-	*	1,700.000	J			
P4018-10	DDCB6	Solid	o-Cymene	*	420.000	J			
P4018-10	DDCB6	Solid	Oxalic acid, 2-ethylhexyl tetradec	*	1,800.000	J			
P4018-10	DDCB6	Solid	Propanoic acid, 2-methyl-, hexyl ε	*	880.000	J			
P4018-10	DDCB6	Solid	unknown-01	*	930.000	J			
P4018-10	DDCB6	Solid	unknown-02	*	400.000	J			
P4018-10	DDCB6	Solid	unknown-03	*	1,200.000	J			
P4018-10	DDCB6	Solid	unknown-04	*	1,500.000	J			
P4018-10	DDCB6	Solid	unknown-05	*	1,200.000	J			
P4018-10	DDCB6	Solid	Total Alkanes	*	30,000.000		61	220	ug/Kg
			Total Tics :		**90,138.00**				
P4018-10	DDCB6	Solid	1,1-Biphenyl		120.000	J	61	220	ug/Kg
P4018-10	DDCB6	Solid	1-Methylnaphthalene		1,200.000		52	220	ug/Kg
P4018-10	DDCB6	Solid	2,3,4,6-Tetrachlorophenol		14,000.000	E	47	220	ug/Kg
P4018-10	DDCB6	Solid	2,4,5-Trichlorophenol		63.000	J	53	220	ug/Kg
P4018-10	DDCB6	Solid	2,4,6-Trichlorophenol		100.000	J	54	220	ug/Kg
P4018-10	DDCB6	Solid	2,4-Dichlorophenol		120.000	J	49	220	ug/Kg
P4018-10	DDCB6	Solid	2-Methylnaphthalene		2,100.000		47	220	ug/Kg
P4018-10	DDCB6	Solid	Acenaphthene		65.000	J	52	220	ug/Kg
P4018-10	DDCB6	Solid	Fluorene		110.000	J	57	220	ug/Kg
P4018-10	DDCB6	Solid	Isophorone		630.000		43	220	ug/Kg
P4018-10	DDCB6	Solid	Naphthalene		900.000		43	220	ug/Kg
P4018-10	DDCB6	Solid	Pentachlorophenol		86,000.000	E	110	420	ug/Kg
P4018-10	DDCB6	Solid	Phenanthrene		340.000		56	220	ug/Kg

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

SDG No.: BM093024

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
			Total Svoc :		**105,748.00**				
			Total Concentration:		**195,886.00**				
Client ID :	**DDCB7**								
P4018-11	DDCB7	Solid	(DEL) Alkane: Straight-Chain12.(	*	87.000	J			
P4018-11	DDCB7	Solid	(DEL) Alkane: Straight-Chain13.2	*	120.000	J			
P4018-11	DDCB7	Solid	(DEL) Alkane: Straight-Chain14.3	*	210.000	J			
P4018-11	DDCB7	Solid	(DEL) Alkane: Straight-Chain15.3	*	180.000	J			
P4018-11	DDCB7	Solid	(DEL) Alkane: Straight-Chain15.7	*	91.000	J			
P4018-11	DDCB7	Solid	(DEL) Alkane: Straight-Chain16.1	*	160.000	J			
P4018-11	DDCB7	Solid	(DEL) Alkane: Straight-Chain16.9	*	130.000	J			
P4018-11	DDCB7	Solid	(DEL) Alkane: Straight-Chain17.(	*	98.000	J			
P4018-11	DDCB7	Solid	(DEL) Alkane: Straight-Chain7.4	*	200.000	J			
P4018-11	DDCB7	Solid	(DEL) Alkane: Straight-Chain9.0	*	210.000	J			
P4018-11	DDCB7	Solid	1-Hexanol, 2-ethyl-	*	120.000	J			
P4018-11	DDCB7	Solid	Benzophenone	*	170.000	J			
P4018-11	DDCB7	Solid	n-Butyric acid 2-ethylhexyl ester	*	95.000	J			
P4018-11	DDCB7	Solid	Total Alkanes	*	1,500.000		62	220	ug/Kg
			Total Tics :		**3,371.00**				
P4018-11	DDCB7	Solid	2,3,4,6-Tetrachlorophenol		390.000		48	220	ug/Kg
P4018-11	DDCB7	Solid	Pentachlorophenol		7,300.000	E	110	430	ug/Kg
			Total Svoc :		**7,690.00**				
			Total Concentration:		**11,061.00**				
Client ID :	**DDCB8**								
P4018-12	DDCB8	Solid	Benzophenone	*	120.000	J			
P4018-12	DDCB8	Solid	Total Alkanes	*	0.000		61	210	ug/Kg
			Total Tics :		**120.00**				
			Total Concentration:		**120.00**				
Client ID :	**DDCE0**								
P4018-13	DDCE0	Solid	(DEL) Alkane: Cyclic6.457	*	120.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Cyclic8.104	*	150.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain10.(	*	91.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain12.(	*	220.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain13.2	*	350.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain15.7	*	220.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain16.1	*	330.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain16.9	*	300.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain17.(	*	250.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain17.(	*	260.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain18.3	*	200.000	J			

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

SDG No.: BM093024

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain19.(	*	210.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain20.1	*	260.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain20.(	*	110.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain21.(	*	100.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain22.1	*	180.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain22.8	*	85.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain5.84	*	200.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain6.38	*	140.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain6.81	*	160.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain6.86	*	170.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain7.44	*	810.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain7.74	*	160.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain8.35	*	250.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain8.41	*	130.000	J			
P4018-13	DDCE0	Solid	(DEL) Alkane: Straight-Chain8.58	*	180.000	J			
P4018-13	DDCE0	Solid	1,2,3,4,5,6,7,8-Octahydro-1-methy	*	140.000	J			
P4018-13	DDCE0	Solid	1,5,6,7-Tetramethyl-3-phenylbicyc	*	240.000	J			
P4018-13	DDCE0	Solid	1-Hexanol, 2-ethyl-	*	560.000	J			
P4018-13	DDCE0	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane	*	170.000	J			
P4018-13	DDCE0	Solid	2-Ethylhexyl 2-ethylhexanoate	*	800.000	J			
P4018-13	DDCE0	Solid	2-Ethylhexyl mercaptoacetate	*	9,800.000	J			
P4018-13	DDCE0	Solid	3-Methyl-thiophene-2-carboxamic	*	140.000	J			
P4018-13	DDCE0	Solid	3-Trifluoroacetoxy-6-ethyldecane	*	600.000	J			
P4018-13	DDCE0	Solid	4b,5,6,7,8,8a,9,10-Octahydro-1-m	*	180.000	J			
P4018-13	DDCE0	Solid	Acetamide, 2-(4-methoxyphenyl)-	*	720.000	J			
P4018-13	DDCE0	Solid	Azulene, 1,4-dimethyl-7-(1-methy	*	470.000	J			
P4018-13	DDCE0	Solid	Benzene, 1,2,3-trimethyl-	*	140.000	J			
P4018-13	DDCE0	Solid	Benzene, 1,3,5-trimethyl-2-(1-met	*	770.000	J			
P4018-13	DDCE0	Solid	Benzoic acid, 3,5-dimethyl-	*	180.000	J			
P4018-13	DDCE0	Solid	Benzophenone	*	460.000	J			
P4018-13	DDCE0	Solid	Carbonic acid, prop-1-en-2-yl trid	*	650.000	J			
P4018-13	DDCE0	Solid	Cyclopropane, 1-methoxy-2,2-dim	*	1,900.000	J			
P4018-13	DDCE0	Solid	Hexanoic acid, 2-ethyl-	*	260.000	J			
P4018-13	DDCE0	Solid	Mesitylene	*	180.000	J			
P4018-13	DDCE0	Solid	n-Hexadecanoic acid	*	110.000	J			
P4018-13	DDCE0	Solid	Naphthalene, 2,7-dimethyl-	*	140.000	J			
P4018-13	DDCE0	Solid	Octadecane, 1-chloro-	*	260.000	J			
P4018-13	DDCE0	Solid	unknown-01	*	190.000	J			
P4018-13	DDCE0	Solid	unknown-02	*	220.000	J			
P4018-13	DDCE0	Solid	unknown-03	*	240.000	J			

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

SDG No.: BM093024

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4018-13	DDCE0	Solid	unknown-04	*	400.000	J			
P4018-13	DDCE0	Solid	unknown-05	*	250.000	J			
P4018-13	DDCE0	Solid	unknown-06	*	160.000	J			
P4018-13	DDCE0	Solid	unknown-07	*	180.000	J			
P4018-13	DDCE0	Solid	unknown-08	*	170.000	J			
P4018-13	DDCE0	Solid	Total Alkanes	*	5,600.000		58	200	ug/Kg
			Total Tics :		**31,916.00**				
P4018-13	DDCE0	Solid	2,3,4,6-Tetrachlorophenol		6,000.000	E	44	200	ug/Kg
P4018-13	DDCE0	Solid	2-Methylnaphthalene		67.000	J	44	200	ug/Kg
P4018-13	DDCE0	Solid	Isophorone		44.000	J	41	200	ug/Kg
P4018-13	DDCE0	Solid	Pentachlorophenol		61,000.000	E	100	400	ug/Kg
			Total Svoc :		**67,111.00**				
			Total Concentration:		**99,027.00**				
Client ID :	**DDCK3**								
P4018-15	DDCK3	Solid	Total Alkanes	*	0.000		58	200	ug/Kg
			Total Tics :		**0.00**				
P4018-15	DDCK3	Solid	1,1-Biphenyl		180.000	J	58	200	ug/Kg
P4018-15	DDCK3	Solid	1-Methylnaphthalene		1,700.000		49	200	ug/Kg
P4018-15	DDCK3	Solid	2,3,4,6-Tetrachlorophenol		26,000.000	E	45	200	ug/Kg
P4018-15	DDCK3	Solid	2,4,6-Trichlorophenol		180.000	J	52	200	ug/Kg
P4018-15	DDCK3	Solid	2-Methylnaphthalene		2,600.000		45	200	ug/Kg
P4018-15	DDCK3	Solid	Acenaphthene		69.000	J	49	200	ug/Kg
P4018-15	DDCK3	Solid	Bis(2-ethylhexyl)phthalate		67.000	J	53	200	ug/Kg
P4018-15	DDCK3	Solid	Fluorene		150.000	J	54	200	ug/Kg
P4018-15	DDCK3	Solid	Naphthalene		1,000.000		41	200	ug/Kg
P4018-15	DDCK3	Solid	Pentachlorophenol		130,000.000	E	100	400	ug/Kg
P4018-15	DDCK3	Solid	Phenanthrene		450.000		53	200	ug/Kg
			Total Svoc :		**162,396.00**				
			Total Concentration:		**162,396.00**				
Client ID :	**DDCE2**								
P4018-16	DDCE2	Solid	(DEL) Alkane: Straight-Chain14.3	*	1,000.000	J			
P4018-16	DDCE2	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	390.000	A			
P4018-16	DDCE2	Solid	Benzophenone	*	340.000	J			
P4018-16	DDCE2	Solid	Hexylene glycol	*	540.000	J			
P4018-16	DDCE2	Solid	n-Hexadecanoic acid	*	120.000	J			
P4018-16	DDCE2	Solid	unknown-01	*	130.000	J			
P4018-16	DDCE2	Solid	unknown-02	*	100.000	J			
P4018-16	DDCE2	Solid	Total Alkanes	*	1,000.000		59	210	ug/Kg
			Total Tics :		**3,620.00**				
P4018-16	DDCE2	Solid	2,3,4,6-Tetrachlorophenol		480.000		45	210	ug/Kg

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Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: BM093024

Client:

Sample ID	Client ID	Matrix	Parameter		Concentration	C	MDL	RDL	Units
P4018-16	DDCE2	Solid	Pentachlorophenol		18,000.000	E	110	410	ug/Kg
			Total Svoc :		**18,480.00**				
			Total Concentration:		**22,100.00**				
Client ID :	**DDCE4**								
P4018-19	DDCE4	Solid	Benzophenone	*	360.000	J			
P4018-19	DDCE4	Solid	Total Alkanes	*	0.000		62	220	ug/Kg
			Total Tics :		**360.00**				
			Total Concentration:		**360.00**				
Client ID :	**DDCF5**								
P4018-20	DDCF5	Solid	Benzophenone	*	340.000	J			
P4018-20	DDCF5	Solid	Total Alkanes	*	0.000		58	210	ug/Kg
			Total Tics :		**340.00**				
			Total Concentration:		**340.00**				

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.: BM093024 SAS No.: BM093024 SDG NO.: BM093024

EPA Sample No.: SSTD020022 Date Analyzed: Oct 1 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 00:29

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	DDCB5	298325 *	7.82	1.03874e	10.61	732386 *	14.45
02	DDCB6	299618 *	7.82	1.0429e+	10.61	759489 *	14.45
03	DDCK3	307345 *	7.82	1.02264e	10.61	771566 *	14.45
04	SBLK375	233423	7.81	938207	10.60	553769	14.45
05	DDC35	196140	7.82	814546	10.60	469380	14.45
06	DDC36	264927	7.82	974237	10.61	653517 *	14.45
07	DDC99	254745	7.81	1.04701e	10.60	657737 *	14.45
08	DDCA1	254069	7.82	973327	10.61	636919	14.45
09	DDCB4	292914 *	7.82	995247	10.61	706717 *	14.45
10	DDCA6DL	190819	7.81	783395	10.60	493576	14.45
11	DDCA7DL	192345	7.81	773741	10.60	486021	14.45
12	SBLK513	272415	7.81	1.11335e *	10.60	695304 *	14.45
13	DDCE2	233131	7.81	950254	10.60	590628	14.45
14	DDCE2MS	248950	7.81	1.06681e	10.60	665658 *	14.45
15	DDCE2MSD	269035	7.81	1.12821e *	10.60	700347 *	14.45
16	DDCE4	261955	7.81	1.05979e	10.60	661158 *	14.45
17	DDCF5	231876	7.81	942161	10.60	585546	14.45
18	DDCB3	255677	7.81	1.07945e	10.60	666266 *	14.45
19	DDCB7	252462	7.81	1.05201e	10.60	659305 *	14.45
20	DDCB8	266281	7.81	1.07967e	10.60	668492 *	14.45
21	DDCE0	253262	7.81	1.05595e	10.60	642376	14.45

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8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM093024 SAS No.: BM093024 SDG NO.: BM093024

EPA Sample No.: SSTD020022 Date Analyzed: Sep 30 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 23:50

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.: BM093024 SAS No.: BM093024 SDG NO.: BM093024

EPA Sample No.: SSTD020150 Date Analyzed: Sep 30 2024 12:00AM

Lab File ID: BM047711.D Time Analyzed: 11:19

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	217568	7.81	902804	10.60	548029	14.45
	UPPER LIMIT	435136	8.31	1805608	11.104	1096058	14.945
	LOWER LIMIT	108784	7.31	451402	10.104	274014.5	13.945
	EPA SAMPLE NO.						
01	SBLK375	233423	7.81	938207	10.60	553769	14.45
02	DDC35	196140	7.82	814546	10.60	469380	14.45
03	DDC36	264927	7.82	974237	10.61	653517	14.45
04	DDC99	254745	7.81	1.04701e	10.60	657737	14.45
05	DDCA1	254069	7.82	973327	10.61	636919	14.45
06	DDCB4	292914	7.82	995247	10.61	706717	14.45
07	DDCA6DL	190819	7.81	783395	10.60	493576	14.45
08	DDCA7DL	192345	7.81	773741	10.60	486021	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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Fax : 908 789 8922

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM093024 SAS No.: BM093024 SDG NO.: BM093024

EPA Sample No.: SSTD020151 Date Analyzed: Oct 1 2024 12:00AM

Lab File ID: BM047720.D Time Analyzed: 00:29

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	203150	7.81	839493	10.60	520787	14.45
	UPPER LIMIT	406300	8.31	1678986	11.104	1041574	14.945
	LOWER LIMIT	101575	7.31	419746.5	10.104	260393.5	13.945
	EPA SAMPLE NO.						
01	DDCB5	298325	7.82	1.03874e	10.61	732386	14.45
02	DDCB6	299618	7.82	1.0429e+	10.61	759489	14.45
03	DDCK3	307345	7.82	1.02264e	10.61	771566	14.45
01	SBLK513	272415	7.81	1.11335e	10.60	695304	14.45
02	DDCE2	233131	7.81	950254	10.60	590628	14.45
03	DDCE2MS	248950	7.81	1.06681e	10.60	665658	14.45
04	DDCE2MSD	269035	7.81	1.12821e	10.60	700347	14.45
05	DDCE4	261955	7.81	1.05979e	10.60	661158	14.45
06	DDCF5	231876	7.81	942161	10.60	585546	14.45
07	DDCB3	255677	7.81	1.07945e	10.60	666266	14.45
08	DDCB7	252462	7.81	1.05201e	10.60	659305	14.45
09	DDCB8	266281	7.81	1.07967e	10.60	668492	14.45
10	DDCE0	253262	7.81	1.05595e	10.60	642376	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.: BM093024 SAS No.: BM093024 SDG NO.: BM093024

EPA Sample No.: SSTD020022 Date Analyzed: Oct 1 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 00:29

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	DDCB5	1.32454*	17.21	1.33533e+ *	21.40	1.54642e+ *	24.42
02	DDCB6	1.41297*	17.20	1.36479e+ *	21.40	1.64601e+ *	24.42
03	DDCK3	1.3705e*	17.22	1.3697e+0 *	21.40	1.601e+00 *	24.42
04	SBLK375	1.09524	17.18	943004	21.40	1.05816e+	24.41
05	DDC35	950827	17.19	875159	21.40	1.00268e+	24.42
06	DDC36	1.21346	17.19	1.15048e+	21.41	1.395e+00 *	24.42
07	DDC99	1.35892*	17.18	1.24299e+ *	21.41	1.43456e+ *	24.42
08	DDCA1	1.1489e	17.20	1.12045e+	21.41	1.28646e+ *	24.42
09	DDCB4	1.3013e*	17.20	1.26303e+ *	21.40	1.49947e+ *	24.42
10	DDCA6DL	1.01312	17.19	963799	21.40	1.11552e+	24.41
11	DDCA7DL	1.02073	17.18	956586	21.40	1.11936e+	24.41
12	SBLK513	1.37628*	17.18	1.27277e+ *	21.40	1.49413e+ *	24.41
13	DDCE2	1.1979e	17.18	1.0943e+0	21.40	1.26574e+	24.41
14	DDCE2MS	1.29202*	17.19	1.20663e+ *	21.40	1.356e+00 *	24.41
15	DDCE2MSD	1.36688*	17.19	1.27375e+ *	21.41	1.41279e+ *	24.41
16	DDCE4	1.34736*	17.18	1.24768e+ *	21.40	1.46941e+ *	24.40
17	DDCF5	1.19406	17.18	1.107e+00	21.40	1.30077e+ *	24.40
18	DDCB3	1.28241*	17.19	1.24045e+ *	21.40	1.41696e+ *	24.41
19	DDCB7	1.35353*	17.18	1.24933e+ *	21.40	1.4188e+0 *	24.41
20	DDCB8	1.33992*	17.18	1.24326e+ *	21.40	1.43894e+ *	24.41
21	DDCE0	1.22023	17.19	1.18079e+ *	21.40	1.36005e+ *	24.41

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM093024 SAS No.: BM093024 SDG NO.: BM093024

EPA Sample No.: SSTD020022 Date Analyzed: Sep 30 2024 12:00AM

Lab File ID: BM047681.D Time Analyzed: 23:50

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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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM093024 SAS No.: BM093024 SDG NO.: BM093024

EPA Sample No.: SSTD020150 Date Analyzed: Sep 30 2024 12:00AM

Lab File ID: BM047711.D Time Analyzed: 11:19

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	1.05379e+0(	17.18	1.00042e+	21.404	1.07727e+0(	24.415
	UPPER LIMIT	2107580	17.68	2000840	21.904	2154540	24.915
	LOWER LIMIT	526895	16.68	500210	20.904	538635	23.915
	EPA SAMPLE NO.						
01	SBLK375	1.09524	17.18	943004	21.40	1.05816e+	24.41
02	DDC35	950827	17.19	875159	21.40	1.00268e+	24.42
03	DDC36	1.21346	17.19	1.15048e+	21.41	1.395e+00	24.42
04	DDC99	1.35892	17.18	1.24299e+	21.41	1.43456e+	24.42
05	DDCA1	1.1489e	17.20	1.12045e+	21.41	1.28646e+	24.42
06	DDCB4	1.3013e	17.20	1.26303e+	21.40	1.49947e+	24.42
07	DDCA6DL	1.01312	17.19	963799	21.40	1.11552e+	24.41
08	DDCA7DL	1.02073	17.18	956586	21.40	1.11936e+	24.41

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

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

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

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SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM093024 SAS No.: BM093024 SDG NO.: BM093024

EPA Sample No.: SSTD020151 Date Analyzed: Oct 1 2024 12:00AM

Lab File ID: BM047720.D Time Analyzed: 00:29

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	1.04956e+0(	17.18	988715	21.403	1.13956e+0(	24.409
	UPPER LIMIT	2099120	17.68	1977430	21.903	2279120	24.909
	LOWER LIMIT	524780	16.68	494357.5	20.903	569780	23.909
	EPA SAMPLE NO.						
01	DDCB5	1.32454	17.21	1.33533e+	21.40	1.54642e+	24.42
02	DDCB6	1.41297	17.20	1.36479e+	21.40	1.64601e+	24.42
03	DDCK3	1.3705e	17.22	1.3697e+0	21.40	1.601e+00	24.42
01	SBLK513	1.37628	17.18	1.27277e+	21.40	1.49413e+	24.41
02	DDCE2	1.1979e	17.18	1.0943e+0	21.40	1.26574e+	24.41
03	DDCE2MS	1.29202	17.19	1.20663e+	21.40	1.356e+00	24.41
04	DDCE2MSD	1.36688	17.19	1.27375e+	21.41	1.41279e+	24.41
05	DDCE4	1.34736	17.18	1.24768e+	21.40	1.46941e+	24.40
06	DDCF5	1.19406	17.18	1.107e+00	21.40	1.30077e+	24.40
07	DDCB3	1.28241	17.19	1.24045e+	21.40	1.41696e+	24.41
08	DDCB7	1.35353	17.18	1.24933e+	21.40	1.4188e+0	24.41
09	DDCB8	1.33992	17.18	1.24326e+	21.40	1.43894e+	24.41
10	DDCE0	1.22023	17.19	1.18079e+	21.40	1.36005e+	24.41

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

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

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

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK375

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM093024 SAS No.: BM093024 SDG NO.: BM093024

Lab File ID: BM047712.D Lab Sample ID: PB163375BL

Instrument ID: BNA_M Date Extracted: 09/13/2024

Matrix: (soil/water) Solid Date Analyzed: 09/30/2024

Level: (low/med) LOW Time Analyzed: 11:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DDC35	P3910-15	BM047713.D	09/30/2024
DDC36	P3910-16	BM047714.D	09/30/2024

COMMENTS:

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4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK513

Lab Name: CHEMTECH Contract:

Lab Code: CHEM Case No.: BM093024 SAS No.: BM093024 SDG NO.: BM093024

Lab File ID: BM047721.D Lab Sample ID: PB163513BL

Instrument ID: BNA_M Date Extracted: 09/19/2024

Matrix: (soil/water) Solid Date Analyzed: 09/30/2024

Level: (low/med) LOW Time Analyzed: 17:54

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DDCE2	P4018-16	BM047722.D	09/30/2024
DDCE2MS	P4018-17MS	BM047723.D	09/30/2024
DDCE2MSD	P4018-18MSD	BM047724.D	09/30/2024
DDCE4	P4018-19	BM047725.D	09/30/2024
DDCF5	P4018-20	BM047726.D	09/30/2024
DDCB3	P4018-07	BM047727.D	09/30/2024
DDCB7	P4018-11	BM047728.D	09/30/2024
DDCB8	P4018-12	BM047729.D	09/30/2024
DDCE0	P4018-13	BM047730.D	09/30/2024
DDCB5	P4018-09	BM047731.D	10/01/2024
DDCB6	P4018-10	BM047732.D	10/01/2024
DDCK3	P4018-15	BM047733.D	10/01/2024
DDC99	P4018-01	BM047715.D	09/30/2024
DDCA1	P4018-03	BM047716.D	09/30/2024
DDCB4	P4018-08	BM047717.D	09/30/2024

COMMENTS:

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM093024

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
Lab Sample ID: P4018-17MS		**Client Sample ID: DDCE2MS**						**DataFile:**	**BM047723.D**		
1,4-Dioxane	660		370	ug/Kg	56				15	120	
Benzaldehyde	1600		1200	ug/Kg	75				0	0	
Pyridine	1600		920	ug/Kg	58				0	0	
Phenol	1600		1100	ug/Kg	69				26	90	
Bis(2-chloroethyl)ether	1600		1000	ug/Kg	63				0	0	
2-Chlorophenol	1600		1200	ug/Kg	75				25	102	
2-Methylphenol	1600		1100	ug/Kg	69				0	0	
2,2-oxybis(1-Chloropropane)	1600		830	ug/Kg	52				0	0	
Acetophenone	1600		1100	ug/Kg	69				0	0	
4-Methylphenol	1600		1100	ug/Kg	69				0	0	
N-Nitroso-di-n-propylamine	1600		1000	ug/Kg	63				41	126	
Hexachloroethane	1600		1100	ug/Kg	69				0	0	
Nitrobenzene	1600		990	ug/Kg	62				0	0	
Isophorone	1600		1100	ug/Kg	69				0	0	
2-Nitrophenol	1600		1200	ug/Kg	75				0	0	
2,4-Dimethylphenol	1600		960	ug/Kg	60				0	0	
Bis(2-chloroethoxy)methane	1600		1100	ug/Kg	69				0	0	
2,4-Dichlorophenol	1600		1200	ug/Kg	75				0	0	
Naphthalene	1600		1100	ug/Kg	69				0	0	
4-Chloroaniline	1600		1000	ug/Kg	63				0	0	
Hexachlorobutadiene	1600		1200	ug/Kg	75				0	0	
Caprolactam	1600		1400	ug/Kg	88				0	0	
4-Chloro-3-methylphenol	1600		1200	ug/Kg	75				26	103	
1-Methylnaphthalene	1600		1200	ug/Kg	75				0	0	
2-Methylnaphthalene	1600		1200	ug/Kg	75				0	0	
Hexachlorocyclopentadiene	1600		930	ug/Kg	58				0	0	
2,4,6-Trichlorophenol	1600		1300	ug/Kg	81				0	0	
2,4,5-Trichlorophenol	1600		1300	ug/Kg	81				0	0	
1,1'-Biphenyl	1600		1100	ug/Kg	69				0	0	
2-Chloronaphthalene	1600		1100	ug/Kg	69				0	0	
2-Nitroaniline	1600		1000	ug/Kg	63				0	0	
Dimethylphthalate	1600		1200	ug/Kg	75				0	0	
2,6-Dinitrotoluene	1600		1300	ug/Kg	81				0	0	
Acenaphthylene	1600		1100	ug/Kg	69				0	0	
3-Nitroaniline	1600		1200	ug/Kg	75				0	0	
Acenaphthene	1600		1100	ug/Kg	69				31	137	
2,4-Dinitrophenol	1600		1100	ug/Kg	69				0	0	
4-Nitrophenol	1600		1100	ug/Kg	69				11	114	
Dibenzofuran	1600		1100	ug/Kg	69				0	0	
2,4-Dinitrotoluene	1600		1300	ug/Kg	81				28	89	
Diethylphthalate	1600		1200	ug/Kg	75				0	0	
Fluorene	1600		1100	ug/Kg	69				0	0	
4-Chlorophenyl-phenylether	1600		1100	ug/Kg	69				0	0	
4-Nitroaniline	1600		1300	ug/Kg	81				0	0	
4,6-Dinitro-2-methylphenol	1600		1300	ug/Kg	81				0	0	
N-Nitrosodiphenylamine	1600		1200	ug/Kg	75				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM093024

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
1,2,4,5-Tetrachlorobenzene	1600		1100	ug/Kg	69				0	0	
4-Bromophenyl-phenylether	1600		1300	ug/Kg	81				0	0	
Hexachlorobenzene	1600		1200	ug/Kg	75				0	0	
Atrazine	1600		1100	ug/Kg	69				0	0	
Pentachlorophenol	1600	18000	19000	ug/Kg	63				17	109	
Phenanthrene	1600		1100	ug/Kg	69				0	0	
Pentachlorobenzene	1600		1100	ug/Kg	69				0	0	
Anthracene	1600		1100	ug/Kg	69				0	0	
1,2,3,4-Tetrachlorobenzene	1600		1100	ug/Kg	69				0	0	
Carbazole	1600		1200	ug/Kg	75				0	0	
Di-n-butylphthalate	1600		1300	ug/Kg	81				0	0	
Fluoranthene	1600		1200	ug/Kg	75				0	0	
Pyrene	1600		1200	ug/Kg	75				35	142	
Butylbenzylphthalate	1600		1400	ug/Kg	88				0	0	
3,3'-Dichlorobenzidine	1600		1000	ug/Kg	63				0	0	
Benzo(a)anthracene	1600		1200	ug/Kg	75				0	0	
Chrysene	1600		1200	ug/Kg	75				0	0	
Bis(2-ethylhexyl)phthalate	1600		1300	ug/Kg	81				0	0	
Di-n-octylphthalate	1600		1200	ug/Kg	75				0	0	
Benzo(b)fluoranthene	1600		1200	ug/Kg	75				0	0	
Benzo(k)fluoranthene	1600		1200	ug/Kg	75				0	0	
Benzo(a)pyrene	1600		1200	ug/Kg	75				0	0	
Indeno(1,2,3-cd)pyrene	1600		1200	ug/Kg	75				0	0	
Dibenzo(a,h)anthracene	1600		1200	ug/Kg	75				0	0	
Benzo(g,h,i)perylene	1600		1200	ug/Kg	75				0	0	
2,3,4,6-Tetrachlorophenol	1600	480	1800	ug/Kg	83				0	0	

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM093024

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	Limits RPD
Lab Sample ID: P4018-18MSD		**Client Sample ID: DDCE2MSD**						**DataFile:**	**BM047724.D**		
1,4-Dioxane	660		350	ug/Kg	53		6		15	120	50
Benzaldehyde	1600		1100	ug/Kg	69		8	*	0	0	0
Pyridine	1600		890	ug/Kg	56		4	*	0	0	0
Phenol	1600		1000	ug/Kg	63		9		26	90	35
Bis(2-chloroethyl)ether	1600		1000	ug/Kg	63		0		0	0	0
2-Chlorophenol	1600		1100	ug/Kg	69		8		25	102	50
2-Methylphenol	1600		1100	ug/Kg	69		0		0	0	0
2,2-oxybis(1-Chloropropane)	1600		810	ug/Kg	51		2	*	0	0	0
Acetophenone	1600		1100	ug/Kg	69		0		0	0	0
4-Methylphenol	1600		1100	ug/Kg	69		0		0	0	0
N-Nitroso-di-n-propylamine	1600		1000	ug/Kg	63		0		41	126	38
Hexachloroethane	1600		1100	ug/Kg	69		0		0	0	0
Nitrobenzene	1600		980	ug/Kg	61		2	*	0	0	0
Isophorone	1600		1100	ug/Kg	69		0		0	0	0
2-Nitrophenol	1600		1200	ug/Kg	75		0		0	0	0
2,4-Dimethylphenol	1600		930	ug/Kg	58		3	*	0	0	0
Bis(2-chloroethoxy)methane	1600		1000	ug/Kg	63		9	*	0	0	0
2,4-Dichlorophenol	1600		1200	ug/Kg	75		0		0	0	0
Naphthalene	1600		1100	ug/Kg	69		0		0	0	0
4-Chloroaniline	1600		1000	ug/Kg	63		0		0	0	0
Hexachlorobutadiene	1600		1100	ug/Kg	69		8	*	0	0	0
Caprolactam	1600		1400	ug/Kg	88		0		0	0	0
4-Chloro-3-methylphenol	1600		1200	ug/Kg	75		0		26	103	33
1-Methylnaphthalene	1600		1200	ug/Kg	75		0		0	0	0
2-Methylnaphthalene	1600		1200	ug/Kg	75		0		0	0	0
Hexachlorocyclopentadiene	1600		920	ug/Kg	58		0		0	0	0
2,4,6-Trichlorophenol	1600		1300	ug/Kg	81		0		0	0	0
2,4,5-Trichlorophenol	1600		1200	ug/Kg	75		8	*	0	0	0
1,1'-Biphenyl	1600		1100	ug/Kg	69		0		0	0	0
2-Chloronaphthalene	1600		1100	ug/Kg	69		0		0	0	0
2-Nitroaniline	1600		1000	ug/Kg	63		0		0	0	0
Dimethylphthalate	1600		1100	ug/Kg	69		8	*	0	0	0
2,6-Dinitrotoluene	1600		1300	ug/Kg	81		0		0	0	0
Acenaphthylene	1600		1100	ug/Kg	69		0		0	0	0
3-Nitroaniline	1600		1200	ug/Kg	75		0		0	0	0
Acenaphthene	1600		1100	ug/Kg	69		0		31	137	19
2,4-Dinitrophenol	1600		1100	ug/Kg	69		0		0	0	0
4-Nitrophenol	1600		1100	ug/Kg	69		0		11	114	50
Dibenzofuran	1600		1100	ug/Kg	69		0		0	0	0
2,4-Dinitrotoluene	1600		1300	ug/Kg	81		0		28	89	47
Diethylphthalate	1600		1100	ug/Kg	69		8	*	0	0	0
Fluorene	1600		1100	ug/Kg	69		0		0	0	0
4-Chlorophenyl-phenylether	1600		1100	ug/Kg	69		0		0	0	0
4-Nitroaniline	1600		1300	ug/Kg	81		0		0	0	0
4,6-Dinitro-2-methylphenol	1600		1200	ug/Kg	75		8	*	0	0	0
N-Nitrosodiphenylamine	1600		1100	ug/Kg	69		8	*	0	0	0

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Matrix Spike/Matrix Spike Duplicate Summary

SW-846

SDG No.: BM093024

Client:

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits Low	Limits High	RPD
1,2,4,5-Tetrachlorobenzene	1600		1100	ug/Kg	69		0		0	0	0
4-Bromophenyl-phenylether	1600		1200	ug/Kg	75		8	*	0	0	0
Hexachlorobenzene	1600		1200	ug/Kg	75		0		0	0	0
Atrazine	1600		1100	ug/Kg	69		0		0	0	0
Pentachlorophenol	1600	18000	18000	ug/Kg	0	*	200	*	17	109	47
Phenanthrene	1600		1100	ug/Kg	69		0		0	0	0
Pentachlorobenzene	1600		1100	ug/Kg	69		0		0	0	0
Anthracene	1600		1100	ug/Kg	69		0		0	0	0
1,2,3,4-Tetrachlorobenzene	1600		1100	ug/Kg	69		0		0	0	0
Carbazole	1600		1100	ug/Kg	69		8	*	0	0	0
Di-n-butylphthalate	1600		1200	ug/Kg	75		8	*	0	0	0
Fluoranthene	1600		1200	ug/Kg	75		0		0	0	0
Pyrene	1600		1200	ug/Kg	75		0		35	142	36
Butylbenzylphthalate	1600		1300	ug/Kg	81		8	*	0	0	0
3,3'-Dichlorobenzidine	1600		990	ug/Kg	62		2	*	0	0	0
Benzo(a)anthracene	1600		1200	ug/Kg	75		0		0	0	0
Chrysene	1600		1100	ug/Kg	69		8	*	0	0	0
Bis(2-ethylhexyl)phthalate	1600		1300	ug/Kg	81		0		0	0	0
Di-n-octylphthalate	1600		1200	ug/Kg	75		0		0	0	0
Benzo(b)fluoranthene	1600		1200	ug/Kg	75		0		0	0	0
Benzo(k)fluoranthene	1600		1100	ug/Kg	69		8	*	0	0	0
Benzo(a)pyrene	1600		1200	ug/Kg	75		0		0	0	0
Indeno(1,2,3-cd)pyrene	1600		1200	ug/Kg	75		0		0	0	0
Dibenzo(a,h)anthracene	1600		1200	ug/Kg	75		0		0	0	0
Benzo(g,h,i)perylene	1600		1200	ug/Kg	75		0		0	0	0
2,3,4,6-Tetrachlorophenol	1600	480	1800	ug/Kg	83		0		0	0	0

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Surrogate Summary

SW-846

SDG No.: BM093024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3910-15	DDC35	BM047713.D	1,4-Dioxane-d8	8	3.90	49		15	120
			Pyridine-d5	40	18.39	46		20	120
			Phenol-d5	40	14.99	37		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.42	56		10	150
			2-Chlorophenol-d4	40	9.21	23		15	120
			4-Methylphenol-d8	40	26.76	67		10	140
			Nitrobenzene-d5	40	26.11	65		10	135
			2-Nitrophenol-d4	40	6.06	15		10	120
			2,4-Dichlorophenol-d3	40	8.39	21		10	140
			4-Chloroaniline-d4	40	29.32	73		1	145
			Dimethylphthalate-d6	40	33.93	85		10	145
			Acenaphthylene-d8	40	33.45	84		15	120
			4-Nitrophenol-d4	40	4.21	11		10	150
			Fluorene-d10	40	34.76	87		20	140
			4,6-Dinitro-2-methylphenol-d2	40	1.99	5	*	10	130
			Anthracene-d10	40	34.39	86		10	150
			Pyrene-d10	40	38.25	96		10	130
			Benzo(a)pyrene-d12	40	36.98	92		10	140
P3910-16	DDC36	BM047714.D	1,4-Dioxane-d8	8	2.30	29		15	120
			Pyridine-d5	40	11.60	29		20	120
			Phenol-d5	40	7.82	20		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.23	36		10	150
			2-Chlorophenol-d4	40	6.17	15		15	120
			4-Methylphenol-d8	40	11.77	29		10	140
			Nitrobenzene-d5	40	17.19	43		10	135
			2-Nitrophenol-d4	40	25.39	63		10	120
			2,4-Dichlorophenol-d3	40	5.99	15		10	140
			4-Chloroaniline-d4	40	23.12	58		1	145
			Dimethylphthalate-d6	40	16.24	41		10	145
			Acenaphthylene-d8	40	16.84	42		15	120
			4-Nitrophenol-d4	40	39.32	98		10	150
			Fluorene-d10	40	17.02	43		20	140
			4,6-Dinitro-2-methylphenol-d2	40	1.31	3	*	10	130
			Anthracene-d10	40	17.46	44		10	150
			Pyrene-d10	40	18.87	47		10	130
			Benzo(a)pyrene-d12	40	18.15	45		10	140
PB163375BL	PB163375BL	BM047712.D	Pyridine-d5	40	20.13	50		20	120
			1,4-Dioxane-d8	8	4.16	52		15	120
			Phenol-d5	40	20.66	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.64	49		10	150
			2-Chlorophenol-d4	40	23.36	58		15	120
			4-Methylphenol-d8	40	20.66	52		10	140
			Nitrobenzene-d5	40	22.71	57		10	135
			2-Nitrophenol-d4	40	23.56	59		10	120
			2,4-Dichlorophenol-d3	40	22.29	56		10	140
			4-Chloroaniline-d4	40	21.90	55		1	145
			Dimethylphthalate-d6	40	23.33	58		10	145
			Acenaphthylene-d8	40	23.28	58		15	120
			4-Nitrophenol-d4	40	16.96	42		10	150

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Surrogate Summary

SW-846

SDG No.: BM093024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
PB163375BL	PB163375BL	BM047712.D	Fluorene-d10	40	22.85	57		20	140
			4,6-Dinitro-2-methylphenol-d2	40	14.75	37		10	130
			Anthracene-d10	40	22.54	56		10	150
			Pyrene-d10	40	24.57	61		10	130
			Benzo(a)pyrene-d12	40	22.51	56		10	140

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Surrogate Summary

SW-846

SDG No.: BM093024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P3927-20DL	DDCA6DL	BM047718.D	1,4-Dioxane-d8	8	3.63	45		15	120
			Pyridine-d5	40	12.37	31		20	120
			Phenol-d5	40	17.61	44		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.88	40		10	150
			2-Chlorophenol-d4	40	21.24	53		15	120
			4-Methylphenol-d8	40	20.68	52		10	140
			Nitrobenzene-d5	40	20.00	50		10	135
			2-Nitrophenol-d4	40	20.85	52		10	120
			2,4-Dichlorophenol-d3	40	22.00	55		10	140
			4-Chloroaniline-d4	40	18.80	47		1	145
			Dimethylphthalate-d6	40	24.26	61		10	145
			Acenaphthylene-d8	40	23.76	59		15	120
			4-Nitrophenol-d4	40	13.47	34		10	150
			Fluorene-d10	40	25.21	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.10	33		10	130
			Anthracene-d10	40	24.24	61		10	150
			Pyrene-d10	40	25.65	64		10	130
			Benzo(a)pyrene-d12	40	24.37	61		10	140
P3927-21DL	DDCA7DL	BM047719.D	1,4-Dioxane-d8	8	3.09	39		15	120
			Pyridine-d5	40	12.55	31		20	120
			Phenol-d5	40	15.98	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.66	37		10	150
			2-Chlorophenol-d4	40	18.20	46		15	120
			4-Methylphenol-d8	40	17.24	43		10	140
			Nitrobenzene-d5	40	17.81	45		10	135
			2-Nitrophenol-d4	40	17.73	44		10	120
			2,4-Dichlorophenol-d3	40	18.55	46		10	140
			4-Chloroaniline-d4	40	16.23	41		1	145
			Dimethylphthalate-d6	40	24.08	60		10	145
			Acenaphthylene-d8	40	21.75	54		15	120
			4-Nitrophenol-d4	40	9.76	24		10	150
			Fluorene-d10	40	23.66	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.49	21		10	130
			Anthracene-d10	40	23.15	58		10	150
			Pyrene-d10	40	24.85	62		10	130
			Benzo(a)pyrene-d12	40	23.49	59		10	140

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Surrogate Summary

SW-846

SDG No.: BM093024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4018-01	DDC99	BM047715.D	1,4-Dioxane-d8	8	1.19	15		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	7.43	19		10	130
			Bis(2-Chloroethyl)ether-d8	40	6.46	16		10	150
			2-Chlorophenol-d4	40	8.38	21		15	120
			4-Methylphenol-d8	40	5.40	14		10	140
			Nitrobenzene-d5	40	8.26	21		10	135
			2-Nitrophenol-d4	40	9.08	23		10	120
			2,4-Dichlorophenol-d3	40	8.98	22		10	140
			4-Chloroaniline-d4	40	5.02	13		1	145
			Dimethylphthalate-d6	40	9.93	25		10	145
			Acenaphthylene-d8	40	9.40	23		15	120
			4-Nitrophenol-d4	40	5.32	13		10	150
			Fluorene-d10	40	10.36	26		20	140
			4,6-Dinitro-2-methylphenol-d2	40	5.39	13		10	130
			Anthracene-d10	40	9.91	25		10	150
			Pyrene-d10	40	9.28	23		10	130
			Benzo(a)pyrene-d12	40	6.15	15		10	140
P4018-03	DDCA1	BM047716.D	1,4-Dioxane-d8	8	1.20	15		15	120
			Pyridine-d5	40	0.92	2	*	20	120
			Phenol-d5	40	6.60	16		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.20	23		10	150
			2-Chlorophenol-d4	40	6.72	17		15	120
			4-Methylphenol-d8	40	8.58	21		10	140
			Nitrobenzene-d5	40	8.68	22		10	135
			2-Nitrophenol-d4	40	9.77	24		10	120
			2,4-Dichlorophenol-d3	40	6.51	16		10	140
			4-Chloroaniline-d4	40	10.59	26		1	145
			Dimethylphthalate-d6	40	8.73	22		10	145
			Acenaphthylene-d8	40	8.58	21		15	120
			4-Nitrophenol-d4	40	8.35	21		10	150
			Fluorene-d10	40	8.90	22		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.18	15		10	130
			Anthracene-d10	40	8.26	21		10	150
			Pyrene-d10	40	7.69	19		10	130
			Benzo(a)pyrene-d12	40	4.53	11		10	140
P4018-07	DDCB3	BM047727.D	1,4-Dioxane-d8	8	2.48	31		15	120
			Pyridine-d5	40	12.03	30		20	120
			Phenol-d5	40	14.07	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.62	32		10	150
			2-Chlorophenol-d4	40	15.61	39		15	120
			4-Methylphenol-d8	40	15.55	39		10	140
			Nitrobenzene-d5	40	15.66	39		10	135
			2-Nitrophenol-d4	40	16.41	41		10	120
			2,4-Dichlorophenol-d3	40	16.21	41		10	140
			4-Chloroaniline-d4	40	14.05	35		1	145
			Dimethylphthalate-d6	40	17.77	44		10	145
			Acenaphthylene-d8	40	17.77	44		15	120
			4-Nitrophenol-d4	40	12.88	32		10	150

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Surrogate Summary

SW-846

SDG No.: BM093024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4018-07	DDCB3	BM047727.D	Fluorene-d10	40	18.28	46		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.60	32		10	130
			Anthracene-d10	40	17.68	44		10	150
			Pyrene-d10	40	18.80	47		10	130
			Benzo(a)pyrene-d12	40	18.03	45		10	140
P4018-08	DDCB4	BM047717.D	1,4-Dioxane-d8	8	2.38	30		15	120
			Pyridine-d5	40	0.82	2	*	20	120
			Phenol-d5	40	14.46	36		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.14	35		10	150
			2-Chlorophenol-d4	40	17.20	43		15	120
			4-Methylphenol-d8	40	10.50	26		10	140
			Nitrobenzene-d5	40	21.86	55		10	135
			2-Nitrophenol-d4	40	23.02	58		10	120
			2,4-Dichlorophenol-d3	40	20.60	52		10	140
			4-Chloroaniline-d4	40	11.26	28		1	145
			Dimethylphthalate-d6	40	17.05	43		10	145
			Acenaphthylene-d8	40	17.64	44		15	120
			4-Nitrophenol-d4	40	20.01	50		10	150
			Fluorene-d10	40	17.44	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	13.82	35		10	130
			Anthracene-d10	40	17.56	44		10	150
			Pyrene-d10	40	18.96	47		10	130
			Benzo(a)pyrene-d12	40	17.85	45		10	140
P4018-09	DDCB5	BM047731.D	1,4-Dioxane-d8	8	2.95	37		15	120
			Pyridine-d5	40	8.48	21		20	120
			Phenol-d5	40	18.94	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.67	47		10	150
			2-Chlorophenol-d4	40	20.88	52		15	120
			4-Methylphenol-d8	40	17.71	44		10	140
			Nitrobenzene-d5	40	25.22	63		10	135
			2-Nitrophenol-d4	40	26.97	67		10	120
			2,4-Dichlorophenol-d3	40	24.82	62		10	140
			4-Chloroaniline-d4	40	15.65	39		1	145
			Dimethylphthalate-d6	40	20.62	52		10	145
			Acenaphthylene-d8	40	21.63	54		15	120
			4-Nitrophenol-d4	40	29.02	73		10	150
			Fluorene-d10	40	21.05	53		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.56	39		10	130
			Anthracene-d10	40	20.68	52		10	150
			Pyrene-d10	40	22.40	56		10	130
			Benzo(a)pyrene-d12	40	22.62	57		10	140
P4018-10	DDCB6	BM047732.D	1,4-Dioxane-d8	8	2.83	35		15	120
			Pyridine-d5	40	10.84	27		20	120
			Phenol-d5	40	17.08	43		10	130
			Bis(2-Chloroethyl)ether-d8	40	16.34	41		10	150
			2-Chlorophenol-d4	40	19.04	48		15	120
			4-Methylphenol-d8	40	16.49	41		10	140
			Nitrobenzene-d5	40	24.09	60		10	135
			2-Nitrophenol-d4	40	25.07	63		10	120

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Surrogate Summary

SW-846

SDG No.: BM093024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4018-10	DDCB6	BM047732.D	2,4-Dichlorophenol-d3	40	23.23	58		10	140
			4-Chloroaniline-d4	40	15.36	38		1	145
			Dimethylphthalate-d6	40	18.50	46		10	145
			Acenaphthylene-d8	40	19.49	49		15	120
			4-Nitrophenol-d4	40	19.21	48		10	150
			Fluorene-d10	40	19.44	49		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.55	39		10	130
			Anthracene-d10	40	19.21	48		10	150
			Pyrene-d10	40	20.67	52		10	130
			Benzo(a)pyrene-d12	40	20.20	50		10	140
P4018-11	DDCB7	BM047728.D	1,4-Dioxane-d8	8	2.01	25		15	120
			Pyridine-d5	40	8.96	22		20	120
			Phenol-d5	40	11.60	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	9.13	23		10	150
			2-Chlorophenol-d4	40	11.50	29		15	120
			4-Methylphenol-d8	40	12.43	31		10	140
			Nitrobenzene-d5	40	11.17	28		10	135
			2-Nitrophenol-d4	40	11.89	30		10	120
			2,4-Dichlorophenol-d3	40	12.60	32		10	140
			4-Chloroaniline-d4	40	11.83	30		1	145
			Dimethylphthalate-d6	40	14.53	36		10	145
			Acenaphthylene-d8	40	13.87	35		15	120
			4-Nitrophenol-d4	40	8.58	21		10	150
			Fluorene-d10	40	14.62	37		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.74	22		10	130
			Anthracene-d10	40	14.26	36		10	150
			Pyrene-d10	40	15.56	39		10	130
			Benzo(a)pyrene-d12	40	14.95	37		10	140
P4018-12	DDCB8	BM047729.D	1,4-Dioxane-d8	8	2.01	25		15	120
			Pyridine-d5	40	9.55	24		20	120
			Phenol-d5	40	11.15	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.68	27		10	150
			2-Chlorophenol-d4	40	12.79	32		15	120
			4-Methylphenol-d8	40	12.53	31		10	140
			Nitrobenzene-d5	40	13.37	33		10	135
			2-Nitrophenol-d4	40	13.76	34		10	120
			2,4-Dichlorophenol-d3	40	13.44	34		10	140
			4-Chloroaniline-d4	40	13.79	34		1	145
			Dimethylphthalate-d6	40	15.19	38		10	145
			Acenaphthylene-d8	40	14.78	37		15	120
			4-Nitrophenol-d4	40	2.95	7	*	10	150
			Fluorene-d10	40	15.19	38		20	140
			4,6-Dinitro-2-methylphenol-d2	40	2.39	6	*	10	130
			Anthracene-d10	40	14.99	37		10	150
			Pyrene-d10	40	16.31	41		10	130
			Benzo(a)pyrene-d12	40	15.72	39		10	140
P4018-13	DDCE0	BM047730.D	1,4-Dioxane-d8	8	2.32	29		15	120
			Pyridine-d5	40	5.93	15	*	20	120
			Phenol-d5	40	13.44	34		10	130

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Surrogate Summary

SW-846

SDG No.: BM093024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4018-13	DDCE0	BM047730.D	Bis(2-Chloroethyl)ether-d8	40	12.65	32		10	150
			2-Chlorophenol-d4	40	15.49	39		15	120
			4-Methylphenol-d8	40	15.95	40		10	140
			Nitrobenzene-d5	40	15.73	39		10	135
			2-Nitrophenol-d4	40	17.52	44		10	120
			2,4-Dichlorophenol-d3	40	17.08	43		10	140
			4-Chloroaniline-d4	40	14.03	35		1	145
			Dimethylphthalate-d6	40	18.59	46		10	145
			Acenaphthylene-d8	40	19.16	48		15	120
			4-Nitrophenol-d4	40	12.39	31		10	150
			Fluorene-d10	40	19.21	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	12.52	31		10	130
			Anthracene-d10	40	18.76	47		10	150
			Pyrene-d10	40	20.47	51		10	130
			Benzo(a)pyrene-d12	40	19.54	49		10	140
P4018-15	DDCK3	BM047733.D	1,4-Dioxane-d8	8	4.15	52		15	120
			Pyridine-d5	40	12.84	32		20	120
			Phenol-d5	40	25.38	63		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.15	63		10	150
			2-Chlorophenol-d4	40	28.74	72		15	120
			4-Methylphenol-d8	40	26.56	66		10	140
			Nitrobenzene-d5	40	37.28	93		10	135
			2-Nitrophenol-d4	40	41.15	103		10	120
			2,4-Dichlorophenol-d3	40	36.83	92		10	140
			4-Chloroaniline-d4	40	17.90	45		1	145
			Dimethylphthalate-d6	40	27.45	69		10	145
			Acenaphthylene-d8	40	28.92	72		15	120
			4-Nitrophenol-d4	40	36.17	90		10	150
			Fluorene-d10	40	27.77	69		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.38	56		10	130
			Anthracene-d10	40	27.96	70		10	150
			Pyrene-d10	40	29.98	75		10	130
			Benzo(a)pyrene-d12	40	31.00	77		10	140
P4018-16	DDCE2	BM047722.D	Pyridine-d5	40	6.20	16	*	20	120
			1,4-Dioxane-d8	8	2.58	32		15	120
			Phenol-d5	40	16.30	41		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.45	36		10	150
			2-Chlorophenol-d4	40	17.89	45		15	120
			4-Methylphenol-d8	40	18.29	46		10	140
			Nitrobenzene-d5	40	19.00	47		10	135
			2-Nitrophenol-d4	40	20.74	52		10	120
			2,4-Dichlorophenol-d3	40	20.03	50		10	140
			4-Chloroaniline-d4	40	17.81	45		1	145
			Dimethylphthalate-d6	40	22.81	57		10	145
			Acenaphthylene-d8	40	21.96	55		15	120
			4-Nitrophenol-d4	40	16.99	42		10	150
			Fluorene-d10	40	23.15	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.10	40		10	130
			Anthracene-d10	40	22.68	57		10	150

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Surrogate Summary

SW-846

SDG No.: BM093024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4018-16	DDCE2	BM047722.D	Pyrene-d10	40	25.09	63		10	130
			Benzo(a)pyrene-d12	40	24.18	60		10	140
P4018-17MS	DDCE2MS	BM047723.D	1,4-Dioxane-d8	8	2.60	33		15	120
			Pyridine-d5	40	6.17	15	*	20	120
			Phenol-d5	40	18.36	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.75	39		10	150
			2-Chlorophenol-d4	40	19.87	50		15	120
			4-Methylphenol-d8	40	19.98	50		10	140
			Nitrobenzene-d5	40	20.40	51		10	135
			2-Nitrophenol-d4	40	22.33	56		10	120
			2,4-Dichlorophenol-d3	40	22.41	56		10	140
			4-Chloroaniline-d4	40	19.73	49		1	145
			Dimethylphthalate-d6	40	22.53	56		10	145
			Acenaphthylene-d8	40	21.72	54		15	120
			4-Nitrophenol-d4	40	20.94	52		10	150
			Fluorene-d10	40	22.15	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.05	55		10	130
			Anthracene-d10	40	22.07	55		10	150
			Pyrene-d10	40	24.11	60		10	130
			Benzo(a)pyrene-d12	40	23.45	59		10	140
P4018-18MSD	DDCE2MSD	BM047724.D	1,4-Dioxane-d8	8	2.60	32		15	120
			Pyridine-d5	40	5.94	15	*	20	120
			Phenol-d5	40	17.96	45		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.38	38		10	150
			2-Chlorophenol-d4	40	19.27	48		15	120
			4-Methylphenol-d8	40	19.59	49		10	140
			Nitrobenzene-d5	40	20.26	51		10	135
			2-Nitrophenol-d4	40	22.35	56		10	120
			2,4-Dichlorophenol-d3	40	22.24	56		10	140
			4-Chloroaniline-d4	40	19.24	48		1	145
			Dimethylphthalate-d6	40	22.14	55		10	145
			Acenaphthylene-d8	40	21.42	54		15	120
			4-Nitrophenol-d4	40	20.74	52		10	150
			Fluorene-d10	40	21.91	55		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.74	54		10	130
			Anthracene-d10	40	21.32	53		10	150
			Pyrene-d10	40	23.27	58		10	130
			Benzo(a)pyrene-d12	40	23.19	58		10	140
P4018-19	DDCE4	BM047725.D	1,4-Dioxane-d8	8	2.24	28		15	120
			Pyridine-d5	40	10.69	27		20	120
			Phenol-d5	40	12.46	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	10.73	27		10	150
			2-Chlorophenol-d4	40	13.83	35		15	120
			4-Methylphenol-d8	40	13.51	34		10	140
			Nitrobenzene-d5	40	13.97	35		10	135
			2-Nitrophenol-d4	40	15.40	38		10	120
			2,4-Dichlorophenol-d3	40	14.72	37		10	140
			4-Chloroaniline-d4	40	14.33	36		1	145
			Dimethylphthalate-d6	40	16.14	40		10	145

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Surrogate Summary

SW-846

SDG No.: BM093024

Client:

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%) Low	Limits (%) High
P4018-19	DDCE4	BM047725.D	Acenaphthylene-d8	40	15.42	39		15	120
			4-Nitrophenol-d4	40	8.64	22		10	150
			Fluorene-d10	40	16.16	40		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.93	17		10	130
			Anthracene-d10	40	15.81	40		10	150
			Pyrene-d10	40	17.33	43		10	130
			Benzo(a)pyrene-d12	40	16.44	41		10	140
P4018-20	DDCF5	BM047726.D	1,4-Dioxane-d8	8	2.83	35		15	120
			Pyridine-d5	40	11.07	28		20	120
			Phenol-d5	40	13.96	35		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.77	32		10	150
			2-Chlorophenol-d4	40	15.90	40		15	120
			4-Methylphenol-d8	40	15.31	38		10	140
			Nitrobenzene-d5	40	16.12	40		10	135
			2-Nitrophenol-d4	40	16.40	41		10	120
			2,4-Dichlorophenol-d3	40	16.60	42		10	140
			4-Chloroaniline-d4	40	16.01	40		1	145
			Dimethylphthalate-d6	40	18.29	46		10	145
			Acenaphthylene-d8	40	17.69	44		15	120
			4-Nitrophenol-d4	40	10.32	26		10	150
			Fluorene-d10	40	18.66	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.68	22		10	130
			Anthracene-d10	40	18.18	45		10	150
			Pyrene-d10	40	19.51	49		10	130
			Benzo(a)pyrene-d12	40	18.94	47		10	140
PB163513BL	PB163513BL	BM047721.D	Pyridine-d5	40	20.28	51		20	120
			1,4-Dioxane-d8	8	4.08	51		15	120
			Phenol-d5	40	20.53	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	18.37	46		10	150
			2-Chlorophenol-d4	40	23.77	59		15	120
			4-Methylphenol-d8	40	21.48	54		10	140
			Nitrobenzene-d5	40	23.81	60		10	135
			2-Nitrophenol-d4	40	25.17	63		10	120
			2,4-Dichlorophenol-d3	40	23.40	58		10	140
			4-Chloroaniline-d4	40	22.49	56		1	145
			Dimethylphthalate-d6	40	22.47	56		10	145
			Acenaphthylene-d8	40	22.59	56		15	120
			4-Nitrophenol-d4	40	18.54	46		10	150
			Fluorene-d10	40	22.58	56		20	140
			4,6-Dinitro-2-methylphenol-d2	40	15.97	40		10	130
			Anthracene-d10	40	22.55	56		10	150
			Pyrene-d10	40	23.77	59		10	130
			Benzo(a)pyrene-d12	40	22.62	57		10	140

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK

DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM093024

Lab Code: CHEM SAS No.: BM093024 SDG NO.: BM093024

Lab File ID: BM047710.D DFTPP Injection Date: 09/30/2024

Instrument ID: BNA_M DFTPP Injection Time: 10:01

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.2
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	38.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.3
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	23.5
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	80.1
443	15.0 - 24.0% of mass 442	15.5 (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
SSTD020150	SSTDCCC020	BM047711.D	09/30/2024	10:40
SBLK375	PB163375BL	BM047712.D	09/30/2024	11:19
DDC35	P3910-15	BM047713.D	09/30/2024	11:59
DDC36	P3910-16	BM047714.D	09/30/2024	12:38
DDC99	P4018-01	BM047715.D	09/30/2024	13:18
DDCA1	P4018-03	BM047716.D	09/30/2024	13:57
DDCB4	P4018-08	BM047717.D	09/30/2024	14:37
DDCA6DL	P3927-20DL	BM047718.D	09/30/2024	15:16
DDCA7DL	P3927-21DL	BM047719.D	09/30/2024	15:56
SSTD020151	SSTDCCC020EC	BM047720.D	09/30/2024	17:15
SBLK513	PB163513BL	BM047721.D	09/30/2024	17:54
DDCE2	P4018-16	BM047722.D	09/30/2024	18:34
DDCE2MS	P4018-17MS	BM047723.D	09/30/2024	19:13
DDCE2MSD	P4018-18MSD	BM047724.D	09/30/2024	19:53
DDCE4	P4018-19	BM047725.D	09/30/2024	20:32
DDCF5	P4018-20	BM047726.D	09/30/2024	21:12
DDCB3	P4018-07	BM047727.D	09/30/2024	21:51
DDCB7	P4018-11	BM047728.D	09/30/2024	22:31

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5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH Contract: BM093024

Lab Code: CHEM SAS No.: BM093024 SDG NO.: BM093024

Lab File ID: BM047710.D DFTPP Injection Date: 09/30/2024

Instrument ID: BNA_M DFTPP Injection Time: 10:01

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	37.2
68	Less than 2.0% of mass 69	0.5 (1.4) 1
69	Mass 69 relative abundance	38.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.3
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	23.5
365	Greater than 1% of mass 198	3.4
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	80.1
443	15.0 - 24.0% of mass 442	15.5 (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
DDCB8	P4018-12	BM047729.D	09/30/2024	23:10
DDCE0	P4018-13	BM047730.D	09/30/2024	23:50
DDCB5	P4018-09	BM047731.D	10/01/2024	00:29
DDCB6	P4018-10	BM047732.D	10/01/2024	01:09
DDCK3	P4018-15	BM047733.D	10/01/2024	01:48