

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM091224 SAS No.: BM091224 SDG No.: BM091224

Instrument ID: BNA_M Calibration Date/Time: 9/12/2024 1:10:10

Lab File ID: BM047497.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020143 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.535	0.517	0.010	-3.3204	40.0
Benzaldehyde	0.992	1.187	0.010	19.5897	40.0
Pyridine	1.636	1.572	0.010	-3.9263	40.0
Phenol	1.930	1.802	0.080	-6.6503	20.0
Bis(2-Chloroethyl)ether	1.526	1.455	0.100	-4.6409	20.0
2-Chlorophenol	1.479	1.463	0.200	-1.0994	20.0
2-Methylphenol	1.453	1.367	0.010	-5.9116	20.0
2,2-oxybis(1-Chloropropane)	2.237	2.121	0.010	-5.178	40.0
Acetophenone	2.371	2.343	0.060	-1.1937	20.0
4-Methylphenol	1.586	1.532	0.010	-3.3962	20.0
N-Nitroso-di-n-propylamine	1.259	1.237	0.050	-1.7405	30.0
Hexachloroethane	0.635	0.622	0.100	-2.0572	20.0
Nitrobenzene	0.386	0.381	0.050	-1.3771	25.0
Isophorone	0.770	0.726	0.050	-5.7371	25.0
2-Nitrophenol	0.169	0.173	0.050	2.4316	25.0
2,4-Dimethylphenol	0.363	0.350	0.050	-3.4466	25.0
Bis(2-Chloroethoxy)methane	0.466	0.444	0.050	-4.6807	20.0
2,4-Dichlorophenol	0.301	0.303	0.060	0.6686	20.0
Naphthalene	1.102	1.069	0.200	-2.959	20.0
4-Chloroaniline	0.478	0.450	0.010	-5.709	40.0
Hexachlorobutadiene	0.179	0.177	0.040	-1.0913	30.0
Caprolactam	0.116	0.096	0.010	-16.8783	40.0
4-Chloro-3-methylphenol	0.339	0.327	0.040	-3.5813	25.0
1-Methylnaphthalene	0.765	0.746	0.100	-2.5292	20.0
2-Methylnaphthalene	0.757	0.738	0.100	-2.507	20.0
Hexachlorocyclopentadiene	0.408	0.370	0.010	-9.4379	40.0
2,4,6-Trichlorophenol	0.364	0.368	0.090	0.8828	25.0
2,4,5-Trichlorophenol	0.396	0.400	0.100	1.1207	25.0
1,1-Biphenyl	1.576	1.542	0.200	-2.1852	20.0
2-Chloronaphthalene	1.209	1.183	0.300	-2.13	20.0
2-Nitroaniline	0.352	0.347	0.050	-1.412	40.0
Dimethylphthalate	1.493	1.408	0.300	-5.7139	20.0
2,6-Dinitrotoluene	0.272	0.273	0.080	0.1385	30.0
Acenaphthylene	1.918	1.864	0.400	-2.816	20.0
3-Nitroaniline	0.318	0.314	0.010	-1.4171	40.0
Acenaphthene	1.362	1.311	0.200	-3.7954	20.0
2,4-Dinitrophenol	0.150	0.117	0.010	-22.2068	40.0
4-Nitrophenol	0.245	0.211	0.010	-13.9336	40.0
Dibenzofuran	1.771	1.722	0.300	-2.7601	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM091224 SAS No.: BM091224 SDG No.: BM091224

Instrument ID: BNA_M Calibration Date/Time: 9/12/2024 1:10:10

Lab File ID: BM047497.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020143 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.392	0.397	0.070	1.2637	30.0
Diethylphthalate	1.580	1.472	0.300	-6.8113	20.0
Fluorene	1.545	1.499	0.200	-2.9992	20.0
4-Chlorophenyl-phenylether	0.716	0.692	0.100	-3.3013	20.0
4-Nitroaniline	0.315	0.333	0.010	5.7671	40.0
4,6-Dinitro-2-methylphenol	0.120	0.091	0.010	-23.6133	40.0
N-Nitrosodiphenylamine	0.622	0.608	0.050	-2.1757	20.0
1,2,4,5-Tetrachlorobenzene	0.594	0.586	0.100	-1.2687	20.0
4-Bromophenyl-phenylether	0.207	0.200	0.070	-3.333	20.0
Hexachlorobenzene	0.236	0.226	0.050	-4.2087	25.0
Atrazine	0.218	0.200	0.010	-8.5286	25.0
Pentachlorophenol	0.149	0.127	0.010	-14.5283	40.0
Phenanthrene	1.141	1.087	0.200	-4.7667	20.0
Pentachlorobenzene	0.287	0.286	0.050	-0.4135	20.0
Anthracene	1.155	1.110	0.200	-3.8933	20.0
1,2,3,4-Tetrachlorobenzene	0.291	0.297	0.050	1.9584	20.0
Carbazole	1.056	0.996	0.050	-5.6831	40.0
Di-n-butylphthalate	1.362	1.287	0.500	-5.4733	25.0
Fluoranthene	1.374	1.522	0.400	10.8016	25.0
Pyrene	1.464	1.639	0.400	11.9612	25.0
Butylbenzylphthalate	0.668	0.685	0.100	2.5509	40.0
3,3-Dichlorobenzidine	0.473	0.354	0.010	-25.1879	40.0
Benzo (a) anthracene	1.429	1.379	0.300	-3.4914	30.0
Chrysene	1.318	1.271	0.200	-3.5382	30.0
Bis (2-ethylhexyl) phthalate	1.014	1.075	0.200	6.0833	40.0
Di-n-octyl phthalate	1.598	1.878	0.010	17.5147	40.0
Benzo (b) fluoranthene	1.284	1.317	0.200	2.5475	25.0
Benzo (k) fluoranthene	1.261	1.289	0.200	2.1948	25.0
Benzo (a) pyrene	1.179	1.152	0.200	-2.3496	20.0
Indeno (1,2,3-cd) pyrene	1.446	1.287	0.200	-11.0018	25.0
Dibenzo (a,h) anthracene	1.178	1.043	0.200	-11.4391	30.0
Benzo (g,h,i) perylene	1.105	0.973	0.200	-11.9243	30.0
2,3,4,6-Tetrachlorophenol	0.305	0.303	0.040	-0.6086	20.0
1,4-Dioxane-d8	0.496	0.487	0.010	-1.8605	25.0
Pyridine-d5	1.584	1.536	0.010	-3.0242	40.0
Phenol-d5	1.875	1.736	0.010	-7.3898	25.0
Bis- (2-Chloroethyl) ether-d8	1.167	1.116	0.050	-4.3951	25.0
2-Chlorophenol-d4	1.428	1.405	0.200	-1.6265	20.0
4-Methylphenol-d8	1.474	1.423	0.010	-3.4272	20.0

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Instrument ID: BNA_M Calibration Date/Time: 9/12/2024 1:10:10

Lab File ID: BM047497.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020143 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.157	0.050	1.8871	20.0
2-Nitrophenol-d4	0.146	0.149	0.050	2.3516	30.0
2,4-Dichlorophenol-d3	0.297	0.299	0.060	0.6208	20.0
4-Chloroaniline-d4	0.486	0.461	0.010	-5.0481	40.0
Dimethylphthalate-d6	1.470	1.392	0.300	-5.3334	20.0
Acenaphthylene-d8	1.774	1.720	0.400	-3.0648	20.0
4-Nitrophenol-d4	0.291	0.251	0.010	-13.7937	40.0
Fluorene-d10	1.270	1.192	0.100	-6.1525	20.0
4,6-Dinitro-2-methylphenol-d2	0.106	0.079	0.010	-25.5427	40.0
Anthracene-d10	0.963	0.918	0.300	-4.656	20.0
Pyrene-d10	1.166	1.246	0.300	6.9192	25.0
Benzo(a)pyrene-d12	1.063	1.032	0.010	-2.9369	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.: BM091224 SAS No.: BM091224 SDG No.: BM091224

Instrument ID: BNA_M Calibration Date/Time: 9/12/2024 1:18:47

Lab File ID: BM047508.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020144 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.535	0.525	0.010	-1.8415	50.0
Benzaldehyde	0.992	1.222	0.010	23.1929	50.0
Pyridine	1.636	1.519	0.010	-7.1682	50.0
Phenol	1.930	1.793	0.080	-7.1059	50.0
Bis(2-Chloroethyl)ether	1.526	1.466	0.100	-3.9162	50.0
2-Chlorophenol	1.479	1.473	0.200	-0.3802	50.0
2-Methylphenol	1.453	1.366	0.010	-5.9515	50.0
2,2-oxybis(1-Chloropropane)	2.237	2.128	0.010	-4.8541	50.0
Acetophenone	2.371	2.359	0.060	-0.5097	50.0
4-Methylphenol	1.586	1.536	0.010	-3.1784	50.0
N-Nitroso-di-n-propylamine	1.259	1.242	0.050	-1.3053	50.0
Hexachloroethane	0.635	0.631	0.100	-0.6144	50.0
Nitrobenzene	0.386	0.379	0.050	-1.767	50.0
Isophorone	0.770	0.736	0.050	-4.3709	50.0
2-Nitrophenol	0.169	0.175	0.050	3.9883	50.0
2,4-Dimethylphenol	0.363	0.347	0.050	-4.3776	50.0
Bis(2-Chloroethoxy)methane	0.466	0.442	0.050	-5.0813	50.0
2,4-Dichlorophenol	0.301	0.301	0.060	0.0302	50.0
Naphthalene	1.102	1.061	0.200	-3.7009	50.0
4-Chloroaniline	0.478	0.449	0.010	-5.9555	50.0
Hexachlorobutadiene	0.179	0.176	0.040	-2.0009	50.0
Caprolactam	0.116	0.097	0.010	-16.5054	50.0
4-Chloro-3-methylphenol	0.339	0.325	0.040	-4.1337	50.0
1-Methylnaphthalene	0.765	0.742	0.100	-3.0149	50.0
2-Methylnaphthalene	0.757	0.738	0.100	-2.5539	50.0
Hexachlorocyclopentadiene	0.408	0.388	0.010	-4.8851	50.0
2,4,6-Trichlorophenol	0.364	0.367	0.090	0.7077	50.0
2,4,5-Trichlorophenol	0.396	0.403	0.100	1.7825	50.0
1,1-Biphenyl	1.576	1.524	0.200	-3.2999	50.0
2-Chloronaphthalene	1.209	1.176	0.300	-2.7454	50.0
2-Nitroaniline	0.352	0.345	0.050	-1.9705	50.0
Dimethylphthalate	1.493	1.405	0.300	-5.8728	50.0
2,6-Dinitrotoluene	0.272	0.271	0.080	-0.6097	50.0
Acenaphthylene	1.918	1.863	0.400	-2.8171	50.0
3-Nitroaniline	0.318	0.317	0.010	-0.2269	50.0
Acenaphthene	1.362	1.304	0.200	-4.3039	50.0
2,4-Dinitrophenol	0.150	0.132	0.010	-11.6396	50.0
4-Nitrophenol	0.245	0.209	0.010	-14.869	50.0
Dibenzofuran	1.771	1.697	0.300	-4.1336	50.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM091224 SAS No.: BM091224 SDG No.: BM091224

Instrument ID: BNA_M Calibration Date/Time: 9/12/2024 1:18:47

Lab File ID: BM047508.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020144 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.392	0.396	0.070	0.8392	50.0
Diethylphthalate	1.580	1.463	0.300	-7.3639	50.0
Fluorene	1.545	1.478	0.200	-4.3802	50.0
4-Chlorophenyl-phenylether	0.716	0.693	0.100	-3.2024	50.0
4-Nitroaniline	0.315	0.332	0.010	5.3244	50.0
4,6-Dinitro-2-methylphenol	0.120	0.099	0.010	-16.8245	50.0
N-Nitrosodiphenylamine	0.622	0.613	0.050	-1.4066	50.0
1,2,4,5-Tetrachlorobenzene	0.594	0.576	0.100	-2.9845	50.0
4-Bromophenyl-phenylether	0.207	0.203	0.070	-1.7168	50.0
Hexachlorobenzene	0.236	0.230	0.050	-2.7306	50.0
Atrazine	0.218	0.200	0.010	-8.4655	50.0
Pentachlorophenol	0.149	0.133	0.010	-10.3229	50.0
Phenanthrene	1.141	1.099	0.200	-3.6574	50.0
Pentachlorobenzene	0.287	0.287	0.050	-0.2349	50.0
Anthracene	1.155	1.117	0.200	-3.3202	50.0
1,2,3,4-Tetrachlorobenzene	0.291	0.299	0.050	2.8271	50.0
Carbazole	1.056	0.994	0.050	-5.8847	50.0
Di-n-butylphthalate	1.362	1.324	0.500	-2.8133	50.0
Fluoranthene	1.374	1.541	0.400	12.2013	50.0
Pyrene	1.464	1.660	0.400	13.3617	50.0
Butylbenzylphthalate	0.668	0.705	0.100	5.4003	50.0
3,3-Dichlorobenzidine	0.473	0.362	0.010	-23.4092	50.0
Benzo (a) anthracene	1.429	1.384	0.300	-3.119	50.0
Chrysene	1.318	1.288	0.200	-2.298	50.0
Bis (2-ethylhexyl) phthalate	1.014	1.106	0.200	9.1563	50.0
Di-n-octyl phthalate	1.598	1.954	0.010	22.2701	50.0
Benzo (b) fluoranthene	1.284	1.287	0.200	0.2399	50.0
Benzo (k) fluoranthene	1.261	1.311	0.200	3.9507	50.0
Benzo (a) pyrene	1.179	1.164	0.200	-1.3291	50.0
Indeno (1,2,3-cd) pyrene	1.446	1.265	0.200	-12.5754	50.0
Dibenzo (a,h) anthracene	1.178	1.023	0.200	-13.1623	50.0
Benzo (g,h,i) perylene	1.105	0.969	0.200	-12.3409	50.0
2,3,4,6-Tetrachlorophenol	0.305	0.306	0.040	0.5162	50.0
1,4-Dioxane-d8	0.496	0.484	0.010	-2.3243	50.0
Pyridine-d5	1.584	1.479	0.010	-6.6786	50.0
Phenol-d5	1.875	1.736	0.010	-7.4144	50.0
Bis- (2-Chloroethyl) ether-d8	1.167	1.118	0.050	-4.1884	50.0
2-Chlorophenol-d4	1.428	1.406	0.200	-1.5053	50.0
4-Methylphenol-d8	1.474	1.420	0.010	-3.6359	50.0

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Instrument ID: BNA_M Calibration Date/Time: 9/12/2024 1:18:47

Lab File ID: BM047508.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020144 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.154	0.154	0.050	-0.4366	50.0
2-Nitrophenol-d4	0.146	0.151	0.050	3.246	50.0
2,4-Dichlorophenol-d3	0.297	0.299	0.060	0.6701	50.0
4-Chloroaniline-d4	0.486	0.460	0.010	-5.304	50.0
Dimethylphthalate-d6	1.470	1.382	0.300	-6.0039	50.0
Acenaphthylene-d8	1.774	1.707	0.400	-3.7894	50.0
4-Nitrophenol-d4	0.291	0.245	0.010	-15.7436	50.0
Fluorene-d10	1.270	1.192	0.100	-6.1456	50.0
4,6-Dinitro-2-methylphenol-d2	0.106	0.087	0.010	-17.4541	50.0
Anthracene-d10	0.963	0.927	0.300	-3.719	50.0
Pyrene-d10	1.166	1.271	0.300	9.0327	50.0
Benzo(a)pyrene-d12	1.063	1.028	0.010	-3.2518	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	SBLK242	SDG No.:	BM091224
Lab Sample ID:	PB163242BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047498.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

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

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	SBLK242	SDG No.:	BM091224
Lab Sample ID:	PB163242BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047498.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

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

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	SBLK242	SDG No.:	BM091224
Lab Sample ID:	PB163242BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047498.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.577		15-120		70	SPK: -8
7291-22-7	Pyridine-d5	26.377		20-120		66	SPK: -40
4165-62-2	Phenol-d5	25.839		10-130		65	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.16		25-120		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.272		20-130		68	SPK: -40
190780-66-6	4-Methylphenol-d8	26.857		25-125		67	SPK: -40
4165-60-0	Nitrobenzene-d5	29.597		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.62		20-130		77	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.042		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.579		1-146		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.102		25-130		73	SPK: -40
93951-97-4	Acenaphthylene-d8	28.58		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.986		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	29.315		25-125		73	SPK: -40

Report of Analysis

Client:		Date Collected:	9/9/2024 12:00:00 AM
Project:		Date Received:	9/9/2024 12:00:00 AM
Client Sample ID:	SBLK242	SDG No.:	BM091224
Lab Sample ID:	PB163242BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047498.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.603		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	29.888		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	38.585		15-130		96	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.88		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	461955	7.869				
1146-65-2	Naphthalene-d8	2079396	10.663				
15067-26-2	Acenaphthene-d10	1317539	14.492				
1517-22-2	Phenanthrene-d10	2553224	17.227				
1719-03-5	Chrysene-d12	1721485	21.456				
1520-96-3	Perylene-d12	1606771	24.497				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-06	SDG No.:	BM091224
Lab Sample ID:	P3391-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047499.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.95	J	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	5.3	J	2.5	5	10	ug/L
110-86-1	Pyridine	4.4	J	1.4	10	10	ug/L
108-95-2	Phenol	4.3	J	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	4.6	J	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	4.5	J	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	3.7	J	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.5	J	1.4	5	10	ug/L
98-86-2	Acetophenone	4.6	J	1.5	5	10	ug/L
106-44-5	4-Methylphenol	4.1	J	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	4.4	J	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	4.5	J	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	4.7	J	1.4	2.5	5	ug/L
78-59-1	Isophorone	4.2	J	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	4.5	J	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.8	J	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	4.5	J	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	4.6	J	1.5	2.5	5	ug/L
91-20-3	Naphthalene	4.6	J	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	4.2	J	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	4.6	J	1.2	2.5	5	ug/L
105-60-2	Caprolactam	5.9	J	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	4	J	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	4.5	J	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	4.4	J	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.7	J	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	4.1	J	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	4	J	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-06	SDG No.:	BM091224
Lab Sample ID:	P3391-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047499.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4.4	J	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4.5	J	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	3.9	J	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	4.4	J	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	4.1	J	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	4.7	J	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	3.8	J	0.84	5	10	ug/L
83-32-9	Acenaphthene	4.4	J	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	4.3	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	4.6	J	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	4.3	J	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	4.4	J	1.5	2.5	5	ug/L
86-73-7	Fluorene	4.4	J	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.5	J	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	3.9	J	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.5	J	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	4.2	J	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.4	J	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.3	J	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	4.3	J	1.6	2.5	5	ug/L
1912-24-9	Atrazine	4	J	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	5.9	J	3.6	5	10	ug/L
85-01-8	Phenanthrene	4.4	J	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	4.5	J	1.5	2.5	5	ug/L
120-12-7	Anthracene	3.9	J	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4.2	J	1.2	2.5	5	ug/L
86-74-8	Carbazole	4.2	J	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	4.2	J	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	4.8	J	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-06	SDG No.:	BM091224
Lab Sample ID:	P3391-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047499.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4.9	J	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	4.1	J	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3.1	J	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	4.4	J	1.4	2.5	5	ug/L
218-01-9	Chrysene	4.5	J	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.4	J	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	4.7	J	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.8	J	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.6	J	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	4.5	J	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4	J	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.1	J	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	4.2	J	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.2	J	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.752		15-120		59	SPK: -8
7291-22-7	Pyridine-d5	22.936		20-120		57	SPK: -40
4165-62-2	Phenol-d5	21.642		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.162		25-120		55	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.33		20-130		56	SPK: -40
190780-66-6	4-Methylphenol-d8	20.209		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	23.761		20-125		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.822		20-130		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.632		20-120		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.211		1-146		51	SPK: -40
85448-30-2	Dimethylphthalate-d6	21.764		25-130		54	SPK: -40
93951-97-4	Acenaphthylene-d8	22.1		10-130		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.924		10-150		50	SPK: -40
81103-79-9	Fluorene-d10	22.815		25-125		57	SPK: -40

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-06	SDG No.:	BM091224
Lab Sample ID:	P3391-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047499.D	1	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163242

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	15.387		10-130		38	SPK: -40
1719-06-8	Anthracene-d10	19.337		25-130		48	SPK: -40
1718-52-1	Pyrene-d10	24.442		15-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.737		20-130		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	411256	7.869				
1146-65-2	Naphthalene-d8	1875102	10.663				
15067-26-2	Acenaphthene-d10	1168150	14.492				
1517-22-2	Phenanthrene-d10	2383722	17.227				
1719-03-5	Chrysene-d12	1953615	21.456				
1520-96-3	Perylene-d12	1710843	24.497				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC47DL2	SDG No.:	BM091224
Lab Sample ID:	P3878-03DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047500.D	30	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	490	U	490	250	2500	ug/Kg
100-52-7	Benzaldehyde	2800	U	2800	3100	12000	ug/Kg
110-86-1	Pyridine	1600	U	1600	6200	12000	ug/Kg
108-95-2	Phenol	1300	U	1300	3100	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300	U	1300	3100	12000	ug/Kg
95-57-8	2-Chlorophenol	1000	U	1000	1600	6400	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	3100	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000	U	1000	3100	12000	ug/Kg
98-86-2	Acetophenone	1400	U	1400	3100	12000	ug/Kg
106-44-5	4-Methylphenol	1200	U	1200	3100	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100	U	1100	1600	6400	ug/Kg
67-72-1	Hexachloroethane	860	U	860	1600	6400	ug/Kg
98-95-3	Nitrobenzene	1300	U	1300	1600	6400	ug/Kg
78-59-1	Isophorone	1300	U	1300	1600	6400	ug/Kg
88-75-5	2-Nitrophenol	1200	U	1200	1600	6400	ug/Kg
105-67-9	2,4-Dimethylphenol	1000	U	1000	1600	6400	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400	U	1400	1600	6400	ug/Kg
120-83-2	2,4-Dichlorophenol	1500	U	1500	1600	6400	ug/Kg
91-20-3	Naphthalene	2900	JD	1300	1600	6400	ug/Kg
106-47-8	4-Chloroaniline	1600	U	1600	1600	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1300	U	1300	1600	6400	ug/Kg
105-60-2	Caprolactam	4500	U	4500	3100	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	U	1000	1600	6400	ug/Kg
90-12-0	1-Methylnaphthalene	5100	JD	1500	1600	6400	ug/Kg
91-57-6	2-Methylnaphthalene	8900	D	1400	1600	6400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	U	3000	3100	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600	U	1600	1600	6400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	1600	6400	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC47DL2	SDG No.:	BM091224
Lab Sample ID:	P3878-03DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047500.D	30	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1800	U	1800	1600	6400	ug/Kg
91-58-7	2-Chloronaphthalene	1700	U	1700	1600	6400	ug/Kg
88-74-4	2-Nitroaniline	820	U	820	1600	6400	ug/Kg
131-11-3	Dimethylphthalate	1600	U	1600	1600	6400	ug/Kg
606-20-2	2,6-Dinitrotoluene	790	U	790	1600	6400	ug/Kg
208-96-8	Acenaphthylene	1600	U	1600	1600	6400	ug/Kg
99-09-2	3-Nitroaniline	750	U	750	3100	12000	ug/Kg
83-32-9	Acenaphthene	1500	U	1500	1600	6400	ug/Kg
51-28-5	2,4-Dinitrophenol	4500	U	4500	3100	12000	ug/Kg
100-02-7	4-Nitrophenol	1500	U	1500	3100	12000	ug/Kg
132-64-9	Dibenzofuran	1700	U	1700	1600	6400	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000	U	1000	1600	6400	ug/Kg
84-66-2	Diethylphthalate	2200	U	2200	1600	6400	ug/Kg
86-73-7	Fluorene	1700	U	1700	1600	6400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800	U	1800	1600	6400	ug/Kg
100-01-6	4-Nitroaniline	1600	U	1600	3100	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	600	U	600	3100	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600	U	1600	1600	6400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900	U	1900	1600	6400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700	U	1700	1600	6400	ug/Kg
118-74-1	Hexachlorobenzene	1900	U	1900	1600	6400	ug/Kg
1912-24-9	Atrazine	1500	U	1500	3100	12000	ug/Kg
87-86-5	Pentachlorophenol	650000	ED	3300	3100	12000	ug/Kg
85-01-8	Phenanthrene	2400	JD	1600	1600	6400	ug/Kg
608-93-5	Pentachlorobenzene	1900	U	1900	1600	6400	ug/Kg
120-12-7	Anthracene	1600	U	1600	1600	6400	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200	U	1200	1600	6400	ug/Kg
86-74-8	Carbazole	1700	U	1700	3100	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1600	U	1600	1600	6400	ug/Kg
206-44-0	Fluoranthene	1600	U	1600	3100	6400	ug/Kg

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC47DL2	SDG No.:	BM091224
Lab Sample ID:	P3878-03DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047500.D	30	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600	U	1600	1600	6400	ug/Kg
85-68-7	Butylbenzylphthalate	1200	U	1200	1600	6400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	860	U	860	3100	12000	ug/Kg
56-55-3	Benzo(a)anthracene	1500	U	1500	1600	6400	ug/Kg
218-01-9	Chrysene	1700	U	1700	1600	6400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600	U	1600	1600	6400	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	3100	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600	U	1600	1600	6400	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700	U	1700	1600	6400	ug/Kg
50-32-8	Benzo(a)pyrene	1600	U	1600	1600	6400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	1600	6400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400	U	1400	1600	6400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	U	1300	1600	6400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	64000	D	1400	1600	6400	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.35		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	20.34		20-120		51	SPK: -40
4165-62-2	Phenol-d5	18.3		10-130		46	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.77		10-150		87	SPK: -40
93951-73-6	2-Chlorophenol-d4	18.06		15-120		45	SPK: -40
190780-66-6	4-Methylphenol-d8	59.25	*	10-140		148	SPK: -40
4165-60-0	Nitrobenzene-d5	17.13		10-135		43	SPK: -40
93951-78-1	2-Nitrophenol-d4	15.33		10-120		38	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.21		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	37.68		1-145		94	SPK: -40
85448-30-2	Dimethylphthalate-d6	20.76		10-145		52	SPK: -40
93951-97-4	Acenaphthylene-d8	20.61		15-120		52	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	23.37		20-140		58	SPK: -40

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC47DL2	SDG No.:	BM091224
Lab Sample ID:	P3878-03DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047500.D	30	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	49.62		10-130		124	SPK: -40
1719-06-8	Anthracene-d10	22.2		10-150		56	SPK: -40
1718-52-1	Pyrene-d10	26.94		10-130		67	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	19.53		10-140		49	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	453001	7.869				
1146-65-2	Naphthalene-d8	2201562	10.663				
15067-26-2	Acenaphthene-d10	1310694	14.498				
1517-22-2	Phenanthrene-d10	2482915	17.233				
1719-03-5	Chrysene-d12	1827229	21.456				
1520-96-3	Perylene-d12	1694270	24.497				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.898	17000	JD			5.898	
	(DEL) Alkane: Straight-Chain6.439	6300	JD			6.439	
	(DEL) Alkane: Cyclic6.522	7100	JD			6.522	
	(DEL) Alkane: Straight-Chain6.875	9700	JD			6.875	
	(DEL) Alkane: Straight-Chain6.934	12000	JD			6.934	
000611-14-3	Benzene, 1-ethyl-2-methyl-	15000	JD			6.963	
000622-96-8	Benzene, 1-ethyl-4-methyl-	24000	JD			7.028	
000526-73-8	Benzene, 1,2,3-trimethyl-	8200	JD			7.098	
	unknown-01	9400	JD			7.263	
019549-80-5	2-Heptanone, 4,6-dimethyl-	14000	JD			7.298	
000124-18-5	Decane	88000	JD			7.51	
000104-76-7	1-Hexanol, 2-ethyl-	17000	JD			7.933	
000108-67-8	Mesitylene	10000	JD			7.986	
	(DEL) Alkane: Straight-Chain8.075	5900	JD			8.075	
	(DEL) Alkane: Cyclic8.175	6500	JD			8.175	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	18000	JD			8.298	
	unknown-02	7700	JD			8.351	

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC47DL2	SDG No.:	BM091224
Lab Sample ID:	P3878-03DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047500.D	30	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
001074-43-7	Benzene, 1-methyl-3-propyl-	16000	JD			8.416	
	(DEL) Alkane: Straight-Chain8.475	7800	JD			8.475	
	(DEL) Alkane: Straight-Chain8.651	16000	JD			8.651	
000527-84-4	o-Cymene	11000	JD			8.88	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	17000	JD			8.98	
	(DEL) Alkane: Straight-Chain9.116	61000	JD			9.116	
033223-84-6	2-Methylindan-2-ol	14000	JD			9.233	
	(DEL) Alkane: Straight-Chain9.963	2600	JD			9.963	
	(DEL) Alkane: Straight-Chain12.104	3900	JD			12.104	
1010145-58-3	Montanol	7400	JD			12.757	
	(DEL) Alkane: Straight-Chain12.921	5100	JD			12.921	
	(DEL) Alkane: Straight-Chain13.063	6800	JD			13.063	
074367-31-0	Propanoic acid, 2-methyl-, 2-ethyl	7000	JD			13.257	
	(DEL) Alkane: Straight-Chain13.339	18000	JD			13.339	
	unknown-03	12000	JD			13.551	
000575-43-9	Naphthalene, 1,6-dimethyl-	8600	JD			13.663	
000109-21-7	Butanoic acid, butyl ester	5800	JD			13.768	
000575-37-1	Naphthalene, 1,7-dimethyl-	11000	JD			13.821	
000571-58-4	Naphthalene, 1,4-dimethyl-	6300	JD			13.874	
	(DEL) Alkane: Straight-Chain14.004	5100	JD			14.004	
000582-16-1	Naphthalene, 2,7-dimethyl-	7200	JD			14.051	
	unknown-04	7400	JD			14.151	
082620-73-3	1-(2-Methoxy-5-methylphenyl)propan	7300	JD			14.227	
	(DEL) Alkane: Straight-Chain14.415	15000	JD			14.415	
002131-42-2	Naphthalene, 1,4,6-trimethyl-	10000	JD			14.898	
	(DEL) Alkane: Straight-Chain15.033	6500	JD			15.033	
004292-19-7	Dodecane, 1-iodo-	15000	JD			15.362	
	(DEL) Alkane: Straight-Chain15.768	9600	JD			15.768	
	(DEL) Alkane: Straight-Chain15.980	4500	JD			15.98	
	(DEL) Alkane: Straight-Chain16.221	18000	JD			16.221	

Report of Analysis

Client:		Date Collected:	9/4/2024 12:00:00 AM
Project:		Date Received:	9/4/2024 12:00:00 AM
Client Sample ID:	DDC47DL2	SDG No.:	BM091224
Lab Sample ID:	P3878-03DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.2
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047500.D	30	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain16.251	4200	JD			16.251	
	(DEL) Alkane: Straight-Chain17.009	14000	JD			17.009	
	(DEL) Alkane: Straight-Chain17.062	9000	JD			17.062	
	(DEL) Alkane: Straight-Chain17.745	13000	JD			17.745	
000112-39-0	Hexadecanoic acid, methyl ester	20000	JD			17.915	
	(DEL) Alkane: Straight-Chain18.439	11000	JD			18.439	
002345-29-1	8-Octadecenoic acid, methyl ester	25000	JD			19.086	
000112-61-8	Methyl stearate	8900	JD			19.215	
	(DEL) Alkane: Straight-Chain19.645	8000	JD			19.645	
	(DEL) Alkane: Straight-Chain20.174	6300	JD			20.174	
	(DEL) Alkane: Straight-Chain20.668	5600	JD			20.668	
1000309-39-7	Oxalic acid, 2-ethylhexyl tetradec	10000	JD			21.156	
	(DEL) Alkane: Straight-Chain21.680	4900	JD			21.68	
	(DEL) Alkane: Straight-Chain22.262	8000	JD			22.262	
E966796	Total Alkanes	330000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC1DL	SDG No.:	BM091224
Lab Sample ID:	P3878-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047501.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	160	U	160	79.3	800	ug/Kg
100-52-7	Benzaldehyde	900	U	900	990	4000	ug/Kg
110-86-1	Pyridine	520	U	520	2000	4000	ug/Kg
108-95-2	Phenol	420	U	420	990	4000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	410	U	410	990	4000	ug/Kg
95-57-8	2-Chlorophenol	340	U	340	510	2000	ug/Kg
95-48-7	2-Methylphenol	360	U	360	990	4000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	320	U	320	990	4000	ug/Kg
98-86-2	Acetophenone	460	U	460	990	4000	ug/Kg
106-44-5	4-Methylphenol	380	U	380	990	4000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	350	U	350	510	2000	ug/Kg
67-72-1	Hexachloroethane	280	U	280	510	2000	ug/Kg
98-95-3	Nitrobenzene	430	U	430	510	2000	ug/Kg
78-59-1	Isophorone	410	U	410	510	2000	ug/Kg
88-75-5	2-Nitrophenol	380	U	380	510	2000	ug/Kg
105-67-9	2,4-Dimethylphenol	340	U	340	510	2000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	460	U	460	510	2000	ug/Kg
120-83-2	2,4-Dichlorophenol	470	U	470	510	2000	ug/Kg
91-20-3	Naphthalene	410	U	410	510	2000	ug/Kg
106-47-8	4-Chloroaniline	520	U	520	510	4000	ug/Kg
87-68-3	Hexachlorobutadiene	410	U	410	510	2000	ug/Kg
105-60-2	Caprolactam	1400	U	1400	990	4000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	340	U	340	510	2000	ug/Kg
90-12-0	1-Methylnaphthalene	980	JD	490	510	2000	ug/Kg
91-57-6	2-Methylnaphthalene	1500	JD	440	510	2000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	950	U	950	990	4000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	5300	D	520	510	2000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	500	U	500	510	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC1DL	SDG No.:	BM091224
Lab Sample ID:	P3878-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047501.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	580	U	580	510	2000	ug/Kg
91-58-7	2-Chloronaphthalene	540	U	540	510	2000	ug/Kg
88-74-4	2-Nitroaniline	260	U	260	510	2000	ug/Kg
131-11-3	Dimethylphthalate	500	U	500	510	2000	ug/Kg
606-20-2	2,6-Dinitrotoluene	250	U	250	510	2000	ug/Kg
208-96-8	Acenaphthylene	520	U	520	510	2000	ug/Kg
99-09-2	3-Nitroaniline	240	U	240	990	4000	ug/Kg
83-32-9	Acenaphthene	490	U	490	510	2000	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	990	4000	ug/Kg
100-02-7	4-Nitrophenol	490	U	490	990	4000	ug/Kg
132-64-9	Dibenzofuran	550	U	550	510	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	320	U	320	510	2000	ug/Kg
84-66-2	Diethylphthalate	720	U	720	510	2000	ug/Kg
86-73-7	Fluorene	540	U	540	510	2000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	570	U	570	510	2000	ug/Kg
100-01-6	4-Nitroaniline	500	U	500	990	4000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	990	4000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	500	U	500	510	2000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	610	U	610	510	2000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	540	U	540	510	2000	ug/Kg
118-74-1	Hexachlorobenzene	600	U	600	510	2000	ug/Kg
1912-24-9	Atrazine	470	U	470	990	4000	ug/Kg
87-86-5	Pentachlorophenol	280000	ED	1000	990	4000	ug/Kg
85-01-8	Phenanthrene	540	JD	530	510	2000	ug/Kg
608-93-5	Pentachlorobenzene	610	U	610	510	2000	ug/Kg
120-12-7	Anthracene	520	U	520	510	2000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	400	U	400	510	2000	ug/Kg
86-74-8	Carbazole	540	U	540	990	4000	ug/Kg
84-74-2	Di-n-butylphthalate	500	U	500	510	2000	ug/Kg
206-44-0	Fluoranthene	530	U	530	990	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC1DL	SDG No.:	BM091224
Lab Sample ID:	P3878-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047501.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	530	U	530	510	2000	ug/Kg
85-68-7	Butylbenzylphthalate	380	U	380	510	2000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	280	U	280	990	4000	ug/Kg
56-55-3	Benzo(a)anthracene	470	U	470	510	2000	ug/Kg
218-01-9	Chrysene	540	U	540	510	2000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	530	U	530	510	2000	ug/Kg
117-84-0	Di-n-octyl phthalate	410	U	410	990	4000	ug/Kg
205-99-2	Benzo(b)fluoranthene	500	U	500	510	2000	ug/Kg
207-08-9	Benzo(k)fluoranthene	540	U	540	510	2000	ug/Kg
50-32-8	Benzo(a)pyrene	500	U	500	510	2000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	440	U	440	510	2000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	440	U	440	510	2000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	420	U	420	510	2000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	23000	D	440	510	2000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.83		15-120		48	SPK: -8
7291-22-7	Pyridine-d5	10.07		20-120		25	SPK: -40
4165-62-2	Phenol-d5	23.48		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	26.81		10-150		67	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.93		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	30.96		10-140		77	SPK: -40
4165-60-0	Nitrobenzene-d5	24.11		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.42		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.18		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-145		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.24		10-145		73	SPK: -40
93951-97-4	Acenaphthylene-d8	29.01		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	29.84		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC1DL	SDG No.:	BM091224
Lab Sample ID:	P3878-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047501.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.24		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	31.15		10-150		78	SPK: -40
1718-52-1	Pyrene-d10	36.89		10-130		92	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.45		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	517083	7.869				
1146-65-2	Naphthalene-d8	2542293	10.663				
15067-26-2	Acenaphthene-d10	1456081	14.498				
1517-22-2	Phenanthrene-d10	2698263	17.233				
1719-03-5	Chrysene-d12	2079842	21.457				
1520-96-3	Perylene-d12	1992709	24.498				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.893	1900	JD			5.893	
000107-41-5	Hexylene glycol	1600	JD			6.169	
	(DEL) Alkane: Straight-Chain6.934	2000	JD			6.934	
019549-80-5	2-Heptanone, 4,6-dimethyl-	2300	JD			7.299	
	(DEL) Alkane: Straight-Chain7.510	14000	JD			7.51	
000104-76-7	1-Hexanol, 2-ethyl-	3600	JD			7.934	
000108-67-8	Mesitylene	1900	JD			7.987	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	3600	JD			8.299	
	(DEL) Alkane: Straight-Chain8.346	4000	JD			8.346	
	unknown-01	3600	JD			8.416	
	(DEL) Alkane: Straight-Chain8.475	1900	JD			8.475	
	(DEL) Alkane: Straight-Chain8.652	3200	JD			8.652	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	1600	JD			8.828	
	unknown-02	6100	JD			8.869	
	(DEL) Alkane: Straight-Chain9.110	11000	JD			9.11	
	unknown-03	2900	JD			9.234	
019594-40-2	Heptyl isobutyl ketone	1800	JD			10.793	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC1DL	SDG No.:	BM091224
Lab Sample ID:	P3878-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047501.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain11.181	1400	JD			11.181	
001920-21-4	2H-Pyran-2-carboxaldehyde, 3,4-dih	2400	JD			12.757	
	unknown-04	1500	JD			12.845	
106251-09-6	1H-Pyrazole, 4,5-dihydro-5,5-dimet	3900	JD			13.075	
	(DEL) Alkane: Straight-Chain13.339	3700	JD			13.339	
000141-86-6	2,6-Pyridinediamine	4600	JD			13.551	
004318-76-7	Pyridine, 2,5-diamino-	1400	JD			13.681	
000581-40-8	Naphthalene, 2,3-dimethyl-	2000	JD			13.822	
000500-00-5	Cyclohexene, 4-methyl-1-(1-methyle	3000	JD			13.851	
	(DEL) Alkane: Straight-Chain13.998	1400	JD			13.998	
000582-16-1	Naphthalene, 2,7-dimethyl-	1600	JD			14.051	
	unknown-05	1600	JD			14.304	
	(DEL) Alkane: Straight-Chain14.416	6900	JD			14.416	
	unknown-06	1400	JD			14.581	
004948-51-0	9-Methyl-S-octahydroanthracene	4600	JD			14.645	
	(DEL) Alkane: Straight-Chain15.034	1700	JD			15.034	
	unknown-07	1500	JD			15.228	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	2400	JD			15.263	
	(DEL) Alkane: Straight-Chain15.363	5000	JD			15.363	
	(DEL) Alkane: Straight-Chain15.763	3800	JD			15.763	
	unknown-08	2000	JD			15.863	
000490-65-3	Naphthalene, 1-methyl-7-(1-methyle	1000	JD			16.063	
	(DEL) Alkane: Straight-Chain16.222	5700	JD			16.222	
	(DEL) Alkane: Straight-Chain16.251	1800	JD			16.251	
	(DEL) Alkane: Straight-Chain16.563	1100	JD			16.563	
000319-84-6	.alpha.-Lindane	1600	JD			16.98	
	(DEL) Alkane: Straight-Chain17.010	4600	JD			17.01	
	(DEL) Alkane: Straight-Chain17.063	3600	JD			17.063	
	unknown-09	3100	JD			17.545	
	(DEL) Alkane: Straight-Chain17.745	4800	JD			17.745	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DDCC1DL	SDG No.:	BM091224
Lab Sample ID:	P3878-18DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	17.1
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047501.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000057-10-3	n-Hexadecanoic acid	1700	JD			18.133	
	(DEL) Alkane: Straight-Chain18.439	3800	JD			18.439	
	(DEL) Alkane: Straight-Chain19.069	3200	JD			19.069	
	(DEL) Alkane: Straight-Chain20.174	3600	JD			20.174	
	(DEL) Alkane: Straight-Chain20.668	2700	JD			20.668	
1000309-39-7	Oxalic acid, 2-ethylhexyl tetradec	7100	JD			21.157	
	(DEL) Alkane: Straight-Chain21.680	2600	JD			21.68	
	(DEL) Alkane: Straight-Chain22.262	4300	JD			22.262	
	(DEL) Alkane: Straight-Chain22.927	1800	JD			22.927	
013187-99-0	2-Bromo dodecane	1800	JD			23.692	
E966796	Total Alkanes	110000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY6DL	SDG No.:	BM091224
Lab Sample ID:	P3878-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047502.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	160	U	160	82.1	830	ug/Kg
100-52-7	Benzaldehyde	930	U	930	1000	4100	ug/Kg
110-86-1	Pyridine	530	U	530	2100	4100	ug/Kg
108-95-2	Phenol	440	U	440	1000	4100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	420	U	420	1000	4100	ug/Kg
95-57-8	2-Chlorophenol	350	U	350	530	2100	ug/Kg
95-48-7	2-Methylphenol	370	U	370	1000	4100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	340	U	340	1000	4100	ug/Kg
98-86-2	Acetophenone	470	U	470	1000	4100	ug/Kg
106-44-5	4-Methylphenol	400	U	400	1000	4100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	360	U	360	530	2100	ug/Kg
67-72-1	Hexachloroethane	290	U	290	530	2100	ug/Kg
98-95-3	Nitrobenzene	450	U	450	530	2100	ug/Kg
78-59-1	Isophorone	420	U	420	530	2100	ug/Kg
88-75-5	2-Nitrophenol	400	U	400	530	2100	ug/Kg
105-67-9	2,4-Dimethylphenol	350	U	350	530	2100	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	470	U	470	530	2100	ug/Kg
120-83-2	2,4-Dichlorophenol	490	U	490	530	2100	ug/Kg
91-20-3	Naphthalene	1800	JD	420	530	2100	ug/Kg
106-47-8	4-Chloroaniline	530	U	530	530	4100	ug/Kg
87-68-3	Hexachlorobutadiene	420	U	420	530	2100	ug/Kg
105-60-2	Caprolactam	1500	U	1500	1000	4100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	350	U	350	530	2100	ug/Kg
90-12-0	1-Methylnaphthalene	2300	D	510	530	2100	ug/Kg
91-57-6	2-Methylnaphthalene	4100	D	460	530	2100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	980	U	980	1000	4100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	530	U	530	530	2100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	520	U	520	530	2100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY6DL	SDG No.:	BM091224
Lab Sample ID:	P3878-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047502.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	600	U	600	530	2100	ug/Kg
91-58-7	2-Chloronaphthalene	560	U	560	530	2100	ug/Kg
88-74-4	2-Nitroaniline	270	U	270	530	2100	ug/Kg
131-11-3	Dimethylphthalate	520	U	520	530	2100	ug/Kg
606-20-2	2,6-Dinitrotoluene	260	U	260	530	2100	ug/Kg
208-96-8	Acenaphthylene	530	U	530	530	2100	ug/Kg
99-09-2	3-Nitroaniline	250	U	250	1000	4100	ug/Kg
83-32-9	Acenaphthene	510	U	510	530	2100	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1000	4100	ug/Kg
100-02-7	4-Nitrophenol	510	U	510	1000	4100	ug/Kg
132-64-9	Dibenzofuran	570	U	570	530	2100	ug/Kg
121-14-2	2,4-Dinitrotoluene	340	U	340	530	2100	ug/Kg
84-66-2	Diethylphthalate	750	U	750	530	2100	ug/Kg
86-73-7	Fluorene	560	U	560	530	2100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	580	U	580	530	2100	ug/Kg
100-01-6	4-Nitroaniline	520	U	520	1000	4100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	200	1000	4100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	520	U	520	530	2100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	630	U	630	530	2100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	560	U	560	530	2100	ug/Kg
118-74-1	Hexachlorobenzene	620	U	620	530	2100	ug/Kg
1912-24-9	Atrazine	490	U	490	1000	4100	ug/Kg
87-86-5	Pentachlorophenol	320000	ED	1100	1000	4100	ug/Kg
85-01-8	Phenanthrene	740	JD	550	530	2100	ug/Kg
608-93-5	Pentachlorobenzene	630	U	630	530	2100	ug/Kg
120-12-7	Anthracene	530	U	530	530	2100	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	410	U	410	530	2100	ug/Kg
86-74-8	Carbazole	560	U	560	1000	4100	ug/Kg
84-74-2	Di-n-butylphthalate	520	U	520	530	2100	ug/Kg
206-44-0	Fluoranthene	550	U	550	1000	2100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY6DL	SDG No.:	BM091224
Lab Sample ID:	P3878-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047502.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	550	U	550	530	2100	ug/Kg
85-68-7	Butylbenzylphthalate	400	U	400	530	2100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	290	U	290	1000	4100	ug/Kg
56-55-3	Benzo(a)anthracene	490	U	490	530	2100	ug/Kg
218-01-9	Chrysene	560	U	560	530	2100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	550	U	550	530	2100	ug/Kg
117-84-0	Di-n-octyl phthalate	420	U	420	1000	4100	ug/Kg
205-99-2	Benzo(b)fluoranthene	520	U	520	530	2100	ug/Kg
207-08-9	Benzo(k)fluoranthene	560	U	560	530	2100	ug/Kg
50-32-8	Benzo(a)pyrene	520	U	520	530	2100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	460	U	460	530	2100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	460	U	460	530	2100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	440	U	440	530	2100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	34000	ED	460	530	2100	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.52		15-120		44	SPK: -8
7291-22-7	Pyridine-d5	12.6		20-120		31	SPK: -40
4165-62-2	Phenol-d5	15.46		10-130		39	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.37		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.65		15-120		39	SPK: -40
190780-66-6	4-Methylphenol-d8	34.33		10-140		86	SPK: -40
4165-60-0	Nitrobenzene-d5	14.51		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.28		10-120		36	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	14.53		10-140		36	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.41		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	15.67		10-145		39	SPK: -40
93951-97-4	Acenaphthylene-d8	15.49		15-120		39	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	16.47		20-140		41	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY6DL	SDG No.:	BM091224
Lab Sample ID:	P3878-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047502.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.68		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	16.37		10-150		41	SPK: -40
1718-52-1	Pyrene-d10	18.72		10-130		47	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.27		10-140		38	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	512244	7.869				
1146-65-2	Naphthalene-d8	2385688	10.663				
15067-26-2	Acenaphthene-d10	1439363	14.498				
1517-22-2	Phenanthrene-d10	2692873	17.233				
1719-03-5	Chrysene-d12	2109083	21.456				
1520-96-3	Perylene-d12	1970571	24.497				
TENTATIVE IDENTIFIED COMPOUNDS							
000107-92-6	Butanoic acid	6100	JD			4.052	
	(DEL) Alkane: Straight-Chain4.975	1900	JD			4.975	
	(DEL) Alkane: Straight-Chain5.898	8100	JD			5.898	
000107-41-5	Hexylene glycol	6700	JD			6.181	
	(DEL) Alkane: Straight-Chain6.369	3400	JD			6.369	
	(DEL) Alkane: Straight-Chain6.440	2700	JD			6.44	
013395-76-1	Cyclohexanone, 2,3-dimethyl-	3200	JD			6.516	
	(DEL) Alkane: Straight-Chain6.781	2300	JD			6.781	
	(DEL) Alkane: Straight-Chain6.845	2600	JD			6.845	
	(DEL) Alkane: Straight-Chain6.875	3800	JD			6.875	
	(DEL) Alkane: Straight-Chain6.934	5200	JD			6.934	
000620-14-4	Benzene, 1-ethyl-3-methyl-	3500	JD			6.963	
000611-14-3	Benzene, 1-ethyl-2-methyl-	3300	JD			7.263	
019549-80-5	2-Heptanone, 4,6-dimethyl-	3100	JD			7.298	
	(DEL) Alkane: Straight-Chain7.510	33000	JD			7.51	
	(DEL) Alkane: Straight-Chain7.716	1900	JD			7.716	
000104-76-7	1-Hexanol, 2-ethyl-	16000	JD			7.939	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY6DL	SDG No.:	BM091224
Lab Sample ID:	P3878-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047502.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000108-67-8	Mesitylene	3100	JD			7.987	
1000309-31-1	Oxalic acid, cyclohexyl nonyl este	7100	JD			8.098	
	(DEL) Alkane: Cyclic8.175	2800	JD			8.175	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	4300	JD			8.298	
	(DEL) Alkane: Straight-Chain8.416	6000	JD			8.416	
	(DEL) Alkane: Straight-Chain8.475	2700	JD			8.475	
	(DEL) Alkane: Straight-Chain8.651	5600	JD			8.651	
	(DEL) Alkane: Straight-Chain9.116	24000	JD			9.116	
005161-04-6	Benzene, 1-methyl-4-(2-methylpropy	4500	JD			9.234	
	(DEL) Alkane: Straight-Chain9.822	3700	JD			9.822	
	(DEL) Alkane: Straight-Chain9.963	1800	JD			9.963	
	(DEL) Alkane: Straight-Chain10.028	970	JD			10.028	
	(DEL) Alkane: Straight-Chain10.110	910	JD			10.11	
	unknown-01	5000	JD			11.057	
	(DEL) Alkane: Straight-Chain11.598	1400	JD			11.598	
	(DEL) Alkane: Straight-Chain11.704	2300	JD			11.704	
	(DEL) Alkane: Straight-Chain12.104	3700	JD			12.104	
	(DEL) Alkane: Straight-Chain12.922	2800	JD			12.922	
	(DEL) Alkane: Straight-Chain13.057	2900	JD			13.057	
	(DEL) Alkane: Straight-Chain13.345	11000	JD			13.345	
000109-21-7	Butanoic acid, butyl ester	2200	JD			13.469	
	unknown-02	3100	JD			13.551	
000575-41-7	Naphthalene, 1,3-dimethyl-	2000	JD			13.663	
	unknown-03	3000	JD			13.769	
000581-40-8	Naphthalene, 2,3-dimethyl-	3300	JD			13.822	
	(DEL) Alkane: Straight-Chain14.004	5300	JD			14.004	
000582-16-1	Naphthalene, 2,7-dimethyl-	2300	JD			14.045	
	(DEL) Alkane: Straight-Chain14.416	11000	JD			14.416	
	unknown-04	3200	JD			14.586	
	(DEL) Alkane: Cyclic14.804	2600	JD			14.804	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY6DL	SDG No.:	BM091224
Lab Sample ID:	P3878-08DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047502.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
000829-26-5	Naphthalene, 2,3,6-trimethyl-	2300	JD			14.969	
1000406-33-7	Isobutyl tetratriacontyl ether	3400	JD			15.033	
	(DEL) Alkane: Straight-Chain15.363	9000	JD			15.363	
054774-89-9	Naphthalene, 2-methyl-1-propyl-	2000	JD			15.592	
	(DEL) Alkane: Straight-Chain15.768	4800	JD			15.768	
	unknown-05	2700	JD			15.98	
	(DEL) Alkane: Straight-Chain16.221	12000	JD			16.221	
1000309-19-7	Sulfurous acid, 2-ethylhexyl tetra	4400	JD			16.251	
	(DEL) Alkane: Straight-Chain17.009	8000	JD			17.009	
	(DEL) Alkane: Straight-Chain17.068	5800	JD			17.068	
	(DEL) Alkane: Straight-Chain17.745	7500	JD			17.745	
000112-39-0	Hexadecanoic acid, methyl ester	4200	JD			17.915	
	(DEL) Alkane: Straight-Chain18.439	5800	JD			18.439	
	(DEL) Alkane: Straight-Chain19.068	8500	JD			19.068	
000112-61-8	Methyl stearate	2200	JD			19.215	
013187-99-0	2-Bromo dodecane	2800	JD			20.174	
1000383-13-6	Carbonic acid, 2-ethylhexyl nonyl	8200	JD			21.156	
	(DEL) Alkane: Straight-Chain21.680	2300	JD			21.68	
000112-79-8	9-Octadecenoic acid, (E)-	4300	JD			22.139	
1000309-39-7	Oxalic acid, 2-ethylhexyl tetradec	3600	JD			22.262	
E966796	Total Alkanes	220000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY8DL	SDG No.:	BM091224
Lab Sample ID:	P3878-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047503.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	160	U	160	82.6	830	ug/Kg
100-52-7	Benzaldehyde	940	U	940	1000	4100	ug/Kg
110-86-1	Pyridine	540	U	540	2100	4100	ug/Kg
108-95-2	Phenol	440	U	440	1000	4100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	430	U	430	1000	4100	ug/Kg
95-57-8	2-Chlorophenol	350	U	350	530	2100	ug/Kg
95-48-7	2-Methylphenol	380	U	380	1000	4100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	340	U	340	1000	4100	ug/Kg
98-86-2	Acetophenone	480	U	480	1000	4100	ug/Kg
106-44-5	4-Methylphenol	400	U	400	1000	4100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	360	U	360	530	2100	ug/Kg
67-72-1	Hexachloroethane	290	U	290	530	2100	ug/Kg
98-95-3	Nitrobenzene	450	U	450	530	2100	ug/Kg
78-59-1	Isophorone	430	U	430	530	2100	ug/Kg
88-75-5	2-Nitrophenol	400	U	400	530	2100	ug/Kg
105-67-9	2,4-Dimethylphenol	350	U	350	530	2100	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	480	U	480	530	2100	ug/Kg
120-83-2	2,4-Dichlorophenol	490	U	490	530	2100	ug/Kg
91-20-3	Naphthalene	430	U	430	530	2100	ug/Kg
106-47-8	4-Chloroaniline	540	U	540	530	4100	ug/Kg
87-68-3	Hexachlorobutadiene	430	U	430	530	2100	ug/Kg
105-60-2	Caprolactam	1500	U	1500	1000	4100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	350	U	350	530	2100	ug/Kg
90-12-0	1-Methylnaphthalene	510	U	510	530	2100	ug/Kg
91-57-6	2-Methylnaphthalene	460	U	460	530	2100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	990	U	990	1000	4100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	540	U	540	530	2100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	530	U	530	530	2100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY8DL	SDG No.:	BM091224
Lab Sample ID:	P3878-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047503.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	600	U	600	530	2100	ug/Kg
91-58-7	2-Chloronaphthalene	560	U	560	530	2100	ug/Kg
88-74-4	2-Nitroaniline	280	U	280	530	2100	ug/Kg
131-11-3	Dimethylphthalate	530	U	530	530	2100	ug/Kg
606-20-2	2,6-Dinitrotoluene	260	U	260	530	2100	ug/Kg
208-96-8	Acenaphthylene	540	U	540	530	2100	ug/Kg
99-09-2	3-Nitroaniline	250	U	250	1000	4100	ug/Kg
83-32-9	Acenaphthene	510	U	510	530	2100	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1000	4100	ug/Kg
100-02-7	4-Nitrophenol	510	U	510	1000	4100	ug/Kg
132-64-9	Dibenzofuran	580	U	580	530	2100	ug/Kg
121-14-2	2,4-Dinitrotoluene	340	U	340	530	2100	ug/Kg
84-66-2	Diethylphthalate	750	U	750	530	2100	ug/Kg
86-73-7	Fluorene	560	U	560	530	2100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	590	U	590	530	2100	ug/Kg
100-01-6	4-Nitroaniline	530	U	530	1000	4100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	200	1000	4100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	530	U	530	530	2100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	640	U	640	530	2100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	560	U	560	530	2100	ug/Kg
118-74-1	Hexachlorobenzene	630	U	630	530	2100	ug/Kg
1912-24-9	Atrazine	490	U	490	1000	4100	ug/Kg
87-86-5	Pentachlorophenol	61000	D	1100	1000	4100	ug/Kg
85-01-8	Phenanthrene	550	U	550	530	2100	ug/Kg
608-93-5	Pentachlorobenzene	640	U	640	530	2100	ug/Kg
120-12-7	Anthracene	540	U	540	530	2100	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	410	U	410	530	2100	ug/Kg
86-74-8	Carbazole	560	U	560	1000	4100	ug/Kg
84-74-2	Di-n-butylphthalate	530	U	530	530	2100	ug/Kg
206-44-0	Fluoranthene	550	U	550	1000	2100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY8DL	SDG No.:	BM091224
Lab Sample ID:	P3878-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047503.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	550	U	550	530	2100	ug/Kg
85-68-7	Butylbenzylphthalate	400	U	400	530	2100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	290	U	290	1000	4100	ug/Kg
56-55-3	Benzo(a)anthracene	490	U	490	530	2100	ug/Kg
218-01-9	Chrysene	560	U	560	530	2100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	550	U	550	530	2100	ug/Kg
117-84-0	Di-n-octyl phthalate	430	U	430	1000	4100	ug/Kg
205-99-2	Benzo(b)fluoranthene	530	U	530	530	2100	ug/Kg
207-08-9	Benzo(k)fluoranthene	560	U	560	530	2100	ug/Kg
50-32-8	Benzo(a)pyrene	530	U	530	530	2100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	460	U	460	530	2100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	460	U	460	530	2100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	440	U	440	530	2100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3800	D	460	530	2100	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.61		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	16.05		20-120		40	SPK: -40
4165-62-2	Phenol-d5	15.03		10-130		38	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.99		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.94		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	15.81		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	16.51		10-135		41	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.85		10-120		35	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.75		10-140		39	SPK: -40
191656-33-4	4-Chloroaniline-d4	16.09		1-145		40	SPK: -40
85448-30-2	Dimethylphthalate-d6	18.42		10-145		46	SPK: -40
93951-97-4	Acenaphthylene-d8	17.85		15-120		45	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	19.06		20-140		48	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY8DL	SDG No.:	BM091224
Lab Sample ID:	P3878-10DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	20.4
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	
Extraction Type :		Decanted :	Level :
Injection Volume :		GPC Factor :	LOW
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047503.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	4.91		10-130		12	SPK: -40
1719-06-8	Anthracene-d10	19.45		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	23.26		10-130		58	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	17.88		10-140		45	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	458729	7.869				
1146-65-2	Naphthalene-d8	2061299	10.663				
15067-26-2	Acenaphthene-d10	1330351	14.492				
1517-22-2	Phenanthrene-d10	2673683	17.227				
1719-03-5	Chrysene-d12	1956521	21.456				
1520-96-3	Perylene-d12	1831781	24.497				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain7.504	1500	JD			7.504	
	(DEL) Alkane: Straight-Chain9.110	1600	JD			9.11	
	(DEL) Alkane: Straight-Chain13.339	1000	JD			13.339	
	(DEL) Alkane: Straight-Chain14.410	1500	JD			14.41	
	(DEL) Alkane: Straight-Chain15.357	1800	JD			15.357	
	(DEL) Alkane: Straight-Chain15.762	1100	JD			15.762	
	(DEL) Alkane: Straight-Chain16.215	2200	JD			16.215	
1000309-19-7	Sulfurous acid, 2-ethylhexyl tetra	880	JD			16.245	
	(DEL) Alkane: Straight-Chain17.009	1800	JD			17.009	
	(DEL) Alkane: Straight-Chain17.062	1300	JD			17.062	
	(DEL) Alkane: Straight-Chain17.745	1700	JD			17.745	
	(DEL) Alkane: Straight-Chain18.433	1500	JD			18.433	
	(DEL) Alkane: Straight-Chain19.062	1300	JD			19.062	
	(DEL) Alkane: Straight-Chain21.150	840	JD			21.15	
E966796	Total Alkanes	19000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY9DL	SDG No.:	BM091224
Lab Sample ID:	P3878-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047504.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	160	U	160	82.4	830	ug/Kg
100-52-7	Benzaldehyde	940	U	940	1000	4100	ug/Kg
110-86-1	Pyridine	540	U	540	2100	4100	ug/Kg
108-95-2	Phenol	440	U	440	1000	4100	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	420	U	420	1000	4100	ug/Kg
95-57-8	2-Chlorophenol	350	U	350	530	2100	ug/Kg
95-48-7	2-Methylphenol	370	U	370	1000	4100	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	340	U	340	1000	4100	ug/Kg
98-86-2	Acetophenone	470	U	470	1000	4100	ug/Kg
106-44-5	4-Methylphenol	400	U	400	1000	4100	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	360	U	360	530	2100	ug/Kg
67-72-1	Hexachloroethane	290	U	290	530	2100	ug/Kg
98-95-3	Nitrobenzene	450	U	450	530	2100	ug/Kg
78-59-1	Isophorone	420	U	420	530	2100	ug/Kg
88-75-5	2-Nitrophenol	400	U	400	530	2100	ug/Kg
105-67-9	2,4-Dimethylphenol	350	U	350	530	2100	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	470	U	470	530	2100	ug/Kg
120-83-2	2,4-Dichlorophenol	490	U	490	530	2100	ug/Kg
91-20-3	Naphthalene	420	U	420	530	2100	ug/Kg
106-47-8	4-Chloroaniline	540	U	540	530	4100	ug/Kg
87-68-3	Hexachlorobutadiene	420	U	420	530	2100	ug/Kg
105-60-2	Caprolactam	1500	U	1500	1000	4100	ug/Kg
59-50-7	4-Chloro-3-methylphenol	350	U	350	530	2100	ug/Kg
90-12-0	1-Methylnaphthalene	560	JD	510	530	2100	ug/Kg
91-57-6	2-Methylnaphthalene	870	JD	460	530	2100	ug/Kg
77-47-4	Hexachlorocyclopentadiene	990	U	990	1000	4100	ug/Kg
88-06-2	2,4,6-Trichlorophenol	540	U	540	530	2100	ug/Kg
95-95-4	2,4,5-Trichlorophenol	520	U	520	530	2100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY9DL	SDG No.:	BM091224
Lab Sample ID:	P3878-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047504.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	600	U	600	530	2100	ug/Kg
91-58-7	2-Chloronaphthalene	560	U	560	530	2100	ug/Kg
88-74-4	2-Nitroaniline	270	U	270	530	2100	ug/Kg
131-11-3	Dimethylphthalate	520	U	520	530	2100	ug/Kg
606-20-2	2,6-Dinitrotoluene	260	U	260	530	2100	ug/Kg
208-96-8	Acenaphthylene	540	U	540	530	2100	ug/Kg
99-09-2	3-Nitroaniline	250	U	250	1000	4100	ug/Kg
83-32-9	Acenaphthene	510	U	510	530	2100	ug/Kg
51-28-5	2,4-Dinitrophenol	1500	U	1500	1000	4100	ug/Kg
100-02-7	4-Nitrophenol	510	U	510	1000	4100	ug/Kg
132-64-9	Dibenzofuran	570	U	570	530	2100	ug/Kg
121-14-2	2,4-Dinitrotoluene	340	U	340	530	2100	ug/Kg
84-66-2	Diethylphthalate	750	U	750	530	2100	ug/Kg
86-73-7	Fluorene	560	U	560	530	2100	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	590	U	590	530	2100	ug/Kg
100-01-6	4-Nitroaniline	520	U	520	1000	4100	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	200	U	200	1000	4100	ug/Kg
86-30-6	N-Nitrosodiphenylamine	520	U	520	530	2100	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	640	U	640	530	2100	ug/Kg
101-55-3	4-Bromophenyl-phenylether	560	U	560	530	2100	ug/Kg
118-74-1	Hexachlorobenzene	620	U	620	530	2100	ug/Kg
1912-24-9	Atrazine	490	U	490	1000	4100	ug/Kg
87-86-5	Pentachlorophenol	110000	ED	1100	1000	4100	ug/Kg
85-01-8	Phenanthrene	550	U	550	530	2100	ug/Kg
608-93-5	Pentachlorobenzene	640	U	640	530	2100	ug/Kg
120-12-7	Anthracene	540	U	540	530	2100	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	410	U	410	530	2100	ug/Kg
86-74-8	Carbazole	560	U	560	1000	4100	ug/Kg
84-74-2	Di-n-butylphthalate	520	U	520	530	2100	ug/Kg
206-44-0	Fluoranthene	550	U	550	1000	2100	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY9DL	SDG No.:	BM091224
Lab Sample ID:	P3878-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047504.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	550	U	550	530	2100	ug/Kg
85-68-7	Butylbenzylphthalate	400	U	400	530	2100	ug/Kg
91-94-1	3,3-Dichlorobenzidine	290	U	290	1000	4100	ug/Kg
56-55-3	Benzo(a)anthracene	490	U	490	530	2100	ug/Kg
218-01-9	Chrysene	560	U	560	530	2100	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	550	U	550	530	2100	ug/Kg
117-84-0	Di-n-octyl phthalate	420	U	420	1000	4100	ug/Kg
205-99-2	Benzo(b)fluoranthene	520	U	520	530	2100	ug/Kg
207-08-9	Benzo(k)fluoranthene	560	U	560	530	2100	ug/Kg
50-32-8	Benzo(a)pyrene	520	U	520	530	2100	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	460	U	460	530	2100	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	460	U	460	530	2100	ug/Kg
191-24-2	Benzo(g,h,i)perylene	440	U	440	530	2100	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	6200	D	460	530	2100	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	10.66		20-120		27	SPK: -40
17647-74-4	1,4-Dioxane-d8	2.79		15-120		35	SPK: -8
4165-62-2	Phenol-d5	13.45		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.18		10-150		38	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.46		15-120		34	SPK: -40
190780-66-6	4-Methylphenol-d8	15.99		10-140		40	SPK: -40
4165-60-0	Nitrobenzene-d5	14.4		10-135		36	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.72		10-120		29	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.86		10-140		35	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.21		1-145		36	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.41		10-145		41	SPK: -40
93951-97-4	Acenaphthylene-d8	15.87		15-120		40	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	17.46		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY9DL	SDG No.:	BM091224
Lab Sample ID:	P3878-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047504.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	7.58		10-130		19	SPK: -40
1719-06-8	Anthracene-d10	17.47		10-150		44	SPK: -40
1718-52-1	Pyrene-d10	20.2		10-130		50	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	16.32		10-140		41	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	472569	7.869				
1146-65-2	Naphthalene-d8	2158441	10.663				
15067-26-2	Acenaphthene-d10	1396686	14.492				
1517-22-2	Phenanthrene-d10	2726058	17.227				
1719-03-5	Chrysene-d12	2152562	21.45				
1520-96-3	Perylene-d12	1990501	24.497				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.898	970	JD			5.898	
	(DEL) Alkane: Straight-Chain6.928	1000	JD			6.928	
	(DEL) Alkane: Straight-Chain7.504	5700	JD			7.504	
000104-76-7	1-Hexanol, 2-ethyl-	1200	JD			7.934	
	(DEL) Alkane: Straight-Chain8.416	1500	JD			8.416	
	(DEL) Alkane: Straight-Chain8.651	1700	JD			8.651	
	(DEL) Alkane: Straight-Chain9.110	6000	JD			9.11	
	unknown-01	1500	JD			9.233	
	(DEL) Alkane: Straight-Chain12.098	1200	JD			12.098	
	(DEL) Alkane: Straight-Chain13.339	1900	JD			13.339	
000575-43-9	Naphthalene, 1,6-dimethyl-	890	JD			13.657	
000581-40-8	Naphthalene, 2,3-dimethyl-	1500	JD			13.816	
000575-41-7	Naphthalene, 1,3-dimethyl-	860	JD			14.051	
	(DEL) Alkane: Straight-Chain14.410	2700	JD			14.41	
000829-26-5	Naphthalene, 2,3,6-trimethyl-	1100	JD			14.71	
002245-38-7	Naphthalene, 1,6,7-trimethyl-	1800	JD			14.898	
	unknown-02	990	JD			14.968	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY9DL	SDG No.:	BM091224
Lab Sample ID:	P3878-11DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047504.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain15.027	1200	JD			15.027	
	(DEL) Alkane: Straight-Chain15.357	3200	JD			15.357	
	(DEL) Alkane: Straight-Chain15.762	2000	JD			15.762	
	(DEL) Alkane: Cyclic15.974	930	JD			15.974	
	(DEL) Alkane: Straight-Chain16.215	4500	JD			16.215	
	(DEL) Alkane: Straight-Chain16.245	1600	JD			16.245	
035599-77-0	Tridecane, 1-iodo-	3500	JD			17.009	
	(DEL) Alkane: Straight-Chain17.062	2700	JD			17.062	
	(DEL) Alkane: Straight-Chain17.745	3400	JD			17.745	
000832-69-9	Phenanthrene, 1-methyl-	1200	JD			18.098	
000610-48-0	Anthracene, 1-methyl-	940	JD			18.151	
	(DEL) Alkane: Straight-Chain18.433	3000	JD			18.433	
	(DEL) Alkane: Straight-Chain19.062	2500	JD			19.062	
	(DEL) Alkane: Straight-Chain20.168	1400	JD			20.168	
	(DEL) Alkane: Straight-Chain20.662	1200	JD			20.662	
1000309-39-7	Oxalic acid, 2-ethylhexyl tetradec	2200	JD			21.15	
	(DEL) Alkane: Straight-Chain21.674	950	JD			21.674	
	(DEL) Alkane: Straight-Chain22.262	1200	JD			22.262	
E966796	Total Alkanes	52000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ1DL	SDG No.:	BM091224
Lab Sample ID:	P3878-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047505.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	150	U	150	78.6	790	ug/Kg
110-86-1	Pyridine	510	U	510	2000	3900	ug/Kg
100-52-7	Benzaldehyde	890	U	890	980	3900	ug/Kg
108-95-2	Phenol	420	U	420	980	3900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	400	U	400	980	3900	ug/Kg
95-57-8	2-Chlorophenol	330	U	330	510	2000	ug/Kg
95-48-7	2-Methylphenol	360	U	360	980	3900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	320	U	320	980	3900	ug/Kg
98-86-2	Acetophenone	450	U	450	980	3900	ug/Kg
106-44-5	4-Methylphenol	380	U	380	980	3900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	350	U	350	510	2000	ug/Kg
67-72-1	Hexachloroethane	270	U	270	510	2000	ug/Kg
98-95-3	Nitrobenzene	430	U	430	510	2000	ug/Kg
78-59-1	Isophorone	400	U	400	510	2000	ug/Kg
88-75-5	2-Nitrophenol	380	U	380	510	2000	ug/Kg
105-67-9	2,4-Dimethylphenol	330	U	330	510	2000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	450	U	450	510	2000	ug/Kg
120-83-2	2,4-Dichlorophenol	460	U	460	510	2000	ug/Kg
91-20-3	Naphthalene	1700	JD	400	510	2000	ug/Kg
106-47-8	4-Chloroaniline	510	U	510	510	3900	ug/Kg
87-68-3	Hexachlorobutadiene	400	U	400	510	2000	ug/Kg
105-60-2	Caprolactam	1400	U	1400	980	3900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	330	U	330	510	2000	ug/Kg
90-12-0	1-Methylnaphthalene	2200	D	490	510	2000	ug/Kg
91-57-6	2-Methylnaphthalene	3900	D	440	510	2000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	940	U	940	980	3900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	510	U	510	510	2000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	500	U	500	510	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ1DL	SDG No.:	BM091224
Lab Sample ID:	P3878-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500
		Test:	uL
Extraction Type :		Decanted :	Level :
			LOW
Injection Volume :		GPC Factor :	GPC Cleanup :
			PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047505.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	570	U	570	510	2000	ug/Kg
91-58-7	2-Chloronaphthalene	540	U	540	510	2000	ug/Kg
88-74-4	2-Nitroaniline	260	U	260	510	2000	ug/Kg
131-11-3	Dimethylphthalate	500	U	500	510	2000	ug/Kg
606-20-2	2,6-Dinitrotoluene	250	U	250	510	2000	ug/Kg
208-96-8	Acenaphthylene	510	U	510	510	2000	ug/Kg
99-09-2	3-Nitroaniline	240	U	240	980	3900	ug/Kg
83-32-9	Acenaphthene	490	U	490	510	2000	ug/Kg
51-28-5	2,4-Dinitrophenol	1400	U	1400	980	3900	ug/Kg
100-02-7	4-Nitrophenol	490	U	490	980	3900	ug/Kg
132-64-9	Dibenzofuran	550	U	550	510	2000	ug/Kg
121-14-2	2,4-Dinitrotoluene	320	U	320	510	2000	ug/Kg
84-66-2	Diethylphthalate	710	U	710	510	2000	ug/Kg
86-73-7	Fluorene	540	U	540	510	2000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	560	U	560	510	2000	ug/Kg
100-01-6	4-Nitroaniline	500	U	500	980	3900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	190	U	190	980	3900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	500	U	500	510	2000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	610	U	610	510	2000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	540	U	540	510	2000	ug/Kg
118-74-1	Hexachlorobenzene	600	U	600	510	2000	ug/Kg
1912-24-9	Atrazine	460	U	460	980	3900	ug/Kg
87-86-5	Pentachlorophenol	300000	ED	1000	980	3900	ug/Kg
85-01-8	Phenanthrene	710	JD	520	510	2000	ug/Kg
608-93-5	Pentachlorobenzene	610	U	610	510	2000	ug/Kg
120-12-7	Anthracene	510	U	510	510	2000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	390	U	390	510	2000	ug/Kg
86-74-8	Carbazole	540	U	540	980	3900	ug/Kg
84-74-2	Di-n-butylphthalate	500	U	500	510	2000	ug/Kg
206-44-0	Fluoranthene	520	U	520	980	2000	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ1DL	SDG No.:	BM091224
Lab Sample ID:	P3878-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047505.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	520	U	520	510	2000	ug/Kg
85-68-7	Butylbenzylphthalate	380	U	380	510	2000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	270	U	270	980	3900	ug/Kg
56-55-3	Benzo(a)anthracene	460	U	460	510	2000	ug/Kg
218-01-9	Chrysene	540	U	540	510	2000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	520	U	520	510	2000	ug/Kg
117-84-0	Di-n-octyl phthalate	400	U	400	980	3900	ug/Kg
205-99-2	Benzo(b)fluoranthene	500	U	500	510	2000	ug/Kg
207-08-9	Benzo(k)fluoranthene	540	U	540	510	2000	ug/Kg
50-32-8	Benzo(a)pyrene	500	U	500	510	2000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	440	U	440	510	2000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	440	U	440	510	2000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	420	U	420	510	2000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	31000	D	440	510	2000	ug/Kg
SURROGATES							
7291-22-7	Pyridine-d5	14.69		20-120		37	SPK: -40
17647-74-4	1,4-Dioxane-d8	3.87		15-120		48	SPK: -8
4165-62-2	Phenol-d5	21.89		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.58		10-150		81	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.93		15-120		57	SPK: -40
190780-66-6	4-Methylphenol-d8	38.38		10-140		96	SPK: -40
4165-60-0	Nitrobenzene-d5	22.24		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	19.7		10-120		49	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.62		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.43		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.7		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	23.59		15-120		59	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	24.07		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ1DL	SDG No.:	BM091224
Lab Sample ID:	P3878-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047505.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.61		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	24.96		10-150		62	SPK: -40
1718-52-1	Pyrene-d10	28.57		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	493787	7.869				
1146-65-2	Naphthalene-d8	2299365	10.663				
15067-26-2	Acenaphthene-d10	1394040	14.492				
1517-22-2	Phenanthrene-d10	2643046	17.233				
1719-03-5	Chrysene-d12	2091637	21.451				
1520-96-3	Perylene-d12	1975954	24.497				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain5.899	8100	JD			5.899	
000107-41-5	Hexylene glycol	3800	JD			6.175	
	unknown-01	2900	JD			6.369	
	(DEL) Alkane: Straight-Chain6.440	2600	JD			6.44	
013395-76-1	Cyclohexanone, 2,3-dimethyl-	3100	JD			6.516	
	(DEL) Alkane: Straight-Chain6.781	2000	JD			6.781	
000103-65-1	Benzene, propyl-	2400	JD			6.846	
	(DEL) Alkane: Straight-Chain6.875	3500	JD			6.875	
	(DEL) Alkane: Straight-Chain6.934	4900	JD			6.934	
000611-14-3	Benzene, 1-ethyl-2-methyl-	3400	JD			6.963	
000526-73-8	Benzene, 1,2,3-trimethyl-	2700	JD			7.098	
000622-96-8	Benzene, 1-ethyl-4-methyl-	2900	JD			7.263	
019549-80-5	2-Heptanone, 4,6-dimethyl-	2800	JD			7.298	
	(DEL) Alkane: Straight-Chain7.510	31000	JD			7.51	
000104-76-7	1-Hexanol, 2-ethyl-	14000	JD			7.94	
000108-67-8	Mesitylene	3000	JD			7.987	
	(DEL) Alkane: Straight-Chain8.075	2000	JD			8.075	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ1DL	SDG No.:	BM091224
Lab Sample ID:	P3878-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047505.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Cyclic8.169	2600	JD			8.169	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	3500	JD			8.298	
	unknown-02	2700	JD			8.351	
001074-43-7	Benzene, 1-methyl-3-propyl-	6000	JD			8.416	
	(DEL) Alkane: Straight-Chain8.475	2700	JD			8.475	
	(DEL) Alkane: Straight-Chain8.651	5000	JD			8.651	
001074-55-1	Benzene, 1-methyl-4-propyl-	2800	JD			8.681	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	2100	JD			8.828	
000535-77-3	Benzene, 1-methyl-3-(1-methylethyl	2900	JD			8.881	
1000382-90-9	Carbonic acid, prop-1-en-2-yl tetr	22000	JD			9.116	
002096-86-8	4-Methylphenyl acetone	5200	JD			9.234	
	(DEL) Alkane: Cyclic9.675	960	JD			9.675	
	(DEL) Alkane: Straight-Chain9.816	2900	JD			9.816	
	(DEL) Alkane: Straight-Chain9.963	1600	JD			9.963	
	(DEL) Alkane: Straight-Chain10.028	850	JD			10.028	
	(DEL) Alkane: Straight-Chain10.110	820	JD			10.11	
000627-48-5	Cyanic acid, ethyl ester	4400	JD			11.057	
	(DEL) Alkane: Straight-Chain11.598	1200	JD			11.598	
019656-75-8	Diaziridinone, bis(1,1-dimethylpro	2100	JD			11.704	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	2300	JD			11.939	
	(DEL) Alkane: Straight-Chain12.104	3500	JD			12.104	
	(DEL) Alkane: Straight-Chain12.916	2000	JD			12.916	
	(DEL) Alkane: Straight-Chain13.057	2300	JD			13.057	
	(DEL) Alkane: Straight-Chain13.339	8500	JD			13.339	
000581-42-0	Naphthalene, 2,6-dimethyl-	2300	JD			13.663	
000581-40-8	Naphthalene, 2,3-dimethyl-	2700	JD			13.816	
	(DEL) Alkane: Straight-Chain13.998	3900	JD			13.998	
	(DEL) Alkane: Straight-Chain14.410	10000	JD			14.41	
	unknown-03	2600	JD			14.58	
	(DEL) Alkane: Cyclic14.804	1700	JD			14.804	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVZ1DL	SDG No.:	BM091224
Lab Sample ID:	P3878-13DL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	16.3
Sample Wt/Vol:	30.1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047505.D	10	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
002245-38-7	(DEL) Alkane: Straight-Chain15.033	2200	JD			15.033	
	Naphthalene, 1,6,7-trimethyl-	2100	JD			15.263	
013187-99-0	(DEL) Alkane: Straight-Chain15.357	8400	JD			15.357	
	2-Bromo dodecane	3700	JD			15.763	
	(DEL) Alkane: Straight-Chain16.221	11000	JD			16.221	
	(DEL) Alkane: Straight-Chain16.251	3400	JD			16.251	
	(DEL) Alkane: Straight-Chain17.010	7700	JD			17.01	
	(DEL) Alkane: Straight-Chain17.063	5200	JD			17.063	
187328-55-8	9,9-Dimethyl-9-sila-9,10-dihydroph	2000	JD			17.527	
	(DEL) Alkane: Straight-Chain17.745	6800	JD			17.745	
000112-39-0	Hexadecanoic acid, methyl ester	3500	JD			17.91	
	(DEL) Alkane: Straight-Chain18.433	5200	JD			18.433	
	(DEL) Alkane: Straight-Chain19.068	7700	JD			19.068	
	(DEL) Alkane: Straight-Chain20.168	3100	JD			20.168	
004292-19-7	Dodecane, 1-iodo-	2100	JD			20.662	
1000383-13-8	Carbonic acid, 2-ethylhexyl undecy	7900	JD			21.151	
	(DEL) Alkane: Straight-Chain21.674	2300	JD			21.674	
	(DEL) Alkane: Straight-Chain22.139	4100	JD			22.139	
	(DEL) Alkane: Straight-Chain22.262	3500	JD			22.262	
E966796	Total Alkanes	180000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY6DL2	SDG No.:	BM091224
Lab Sample ID:	P3878-08DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047506.D	20	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	320	U	320	160	1700	ug/Kg
100-52-7	Benzaldehyde	1900	U	1900	2100	8200	ug/Kg
110-86-1	Pyridine	1100	U	1100	4100	8200	ug/Kg
108-95-2	Phenol	870	U	870	2100	8200	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	850	U	850	2100	8200	ug/Kg
95-57-8	2-Chlorophenol	700	U	700	1100	4200	ug/Kg
95-48-7	2-Methylphenol	750	U	750	2100	8200	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	670	U	670	2100	8200	ug/Kg
98-86-2	Acetophenone	950	U	950	2100	8200	ug/Kg
106-44-5	4-Methylphenol	800	U	800	2100	8200	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	720	U	720	1100	4200	ug/Kg
67-72-1	Hexachloroethane	570	U	570	1100	4200	ug/Kg
98-95-3	Nitrobenzene	900	U	900	1100	4200	ug/Kg
78-59-1	Isophorone	850	U	850	1100	4200	ug/Kg
88-75-5	2-Nitrophenol	800	U	800	1100	4200	ug/Kg
105-67-9	2,4-Dimethylphenol	700	U	700	1100	4200	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	950	U	950	1100	4200	ug/Kg
120-83-2	2,4-Dichlorophenol	970	U	970	1100	4200	ug/Kg
91-20-3	Naphthalene	1900	JD	850	1100	4200	ug/Kg
106-47-8	4-Chloroaniline	1100	U	1100	1100	8200	ug/Kg
87-68-3	Hexachlorobutadiene	850	U	850	1100	4200	ug/Kg
105-60-2	Caprolactam	3000	U	3000	2100	8200	ug/Kg
59-50-7	4-Chloro-3-methylphenol	700	U	700	1100	4200	ug/Kg
90-12-0	1-Methylnaphthalene	2500	JD	1000	1100	4200	ug/Kg
91-57-6	2-Methylnaphthalene	4300	D	920	1100	4200	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2000	U	2000	2100	8200	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100	U	1100	1100	4200	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1000	U	1000	1100	4200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY6DL2	SDG No.:	BM091224
Lab Sample ID:	P3878-08DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047506.D	20	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1200	U	1200	1100	4200	ug/Kg
91-58-7	2-Chloronaphthalene	1100	U	1100	1100	4200	ug/Kg
88-74-4	2-Nitroaniline	550	U	550	1100	4200	ug/Kg
131-11-3	Dimethylphthalate	1000	U	1000	1100	4200	ug/Kg
606-20-2	2,6-Dinitrotoluene	520	U	520	1100	4200	ug/Kg
208-96-8	Acenaphthylene	1100	U	1100	1100	4200	ug/Kg
99-09-2	3-Nitroaniline	500	U	500	2100	8200	ug/Kg
83-32-9	Acenaphthene	1000	U	1000	1100	4200	ug/Kg
51-28-5	2,4-Dinitrophenol	3000	U	3000	2100	8200	ug/Kg
100-02-7	4-Nitrophenol	1000	U	1000	2100	8200	ug/Kg
132-64-9	Dibenzofuran	1100	U	1100	1100	4200	ug/Kg
121-14-2	2,4-Dinitrotoluene	670	U	670	1100	4200	ug/Kg
84-66-2	Diethylphthalate	1500	U	1500	1100	4200	ug/Kg
86-73-7	Fluorene	1100	U	1100	1100	4200	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200	U	1200	1100	4200	ug/Kg
100-01-6	4-Nitroaniline	1000	U	1000	2100	8200	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	400	U	400	2100	8200	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1000	U	1000	1100	4200	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1300	U	1300	1100	4200	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1100	U	1100	1100	4200	ug/Kg
118-74-1	Hexachlorobenzene	1200	U	1200	1100	4200	ug/Kg
1912-24-9	Atrazine	970	U	970	2100	8200	ug/Kg
87-86-5	Pentachlorophenol	390000	ED	2200	2100	8200	ug/Kg
85-01-8	Phenanthrene	1100	U	1100	1100	4200	ug/Kg
608-93-5	Pentachlorobenzene	1300	U	1300	1100	4200	ug/Kg
120-12-7	Anthracene	1100	U	1100	1100	4200	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	820	U	820	1100	4200	ug/Kg
86-74-8	Carbazole	1100	U	1100	2100	8200	ug/Kg
84-74-2	Di-n-butylphthalate	1000	U	1000	1100	4200	ug/Kg
206-44-0	Fluoranthene	1100	U	1100	2100	4200	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY6DL2	SDG No.:	BM091224
Lab Sample ID:	P3878-08DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047506.D	20	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1100	4200	ug/Kg
85-68-7	Butylbenzylphthalate	800	U	800	1100	4200	ug/Kg
91-94-1	3,3-Dichlorobenzidine	570	U	570	2100	8200	ug/Kg
56-55-3	Benzo(a)anthracene	970	U	970	1100	4200	ug/Kg
218-01-9	Chrysene	1100	U	1100	1100	4200	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100	U	1100	1100	4200	ug/Kg
117-84-0	Di-n-octyl phthalate	850	U	850	2100	8200	ug/Kg
205-99-2	Benzo(b)fluoranthene	1000	U	1000	1100	4200	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100	U	1100	1100	4200	ug/Kg
50-32-8	Benzo(a)pyrene	1000	U	1000	1100	4200	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	920	U	920	1100	4200	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	920	U	920	1100	4200	ug/Kg
191-24-2	Benzo(g,h,i)perylene	870	U	870	1100	4200	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	34000	D	920	1100	4200	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.78		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	12.62		20-120		32	SPK: -40
4165-62-2	Phenol-d5	16		10-130		40	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.5		10-150		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	15.94		15-120		40	SPK: -40
190780-66-6	4-Methylphenol-d8	35.06		10-140		88	SPK: -40
4165-60-0	Nitrobenzene-d5	16.16		10-135		40	SPK: -40
93951-78-1	2-Nitrophenol-d4	14.64		10-120		37	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	15.04		10-140		38	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.66		1-145		64	SPK: -40
85448-30-2	Dimethylphthalate-d6	16.66		10-145		42	SPK: -40
93951-97-4	Acenaphthylene-d8	16.36		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	17.78		20-140		44	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY6DL2	SDG No.:	BM091224
Lab Sample ID:	P3878-08DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047506.D	20	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.54		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	17.14		10-150		43	SPK: -40
1718-52-1	Pyrene-d10	19.34		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.94		10-140		37	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	477588	7.869				
1146-65-2	Naphthalene-d8	2170560	10.663				
15067-26-2	Acenaphthene-d10	1344056	14.492				
1517-22-2	Phenanthrene-d10	2593474	17.233				
1719-03-5	Chrysene-d12	2099972	21.456				
1520-96-3	Perylene-d12	2003058	24.497				
TENTATIVE IDENTIFIED COMPOUNDS							
000107-92-6	Butanoic acid	8100	JD			3.999	
	(DEL) Alkane: Straight-Chain5.899	12000	JD			5.899	
000107-41-5	Hexylene glycol	9300	JD			6.175	
	unknown-01	5000	JD			6.369	
	(DEL) Alkane: Straight-Chain6.440	4000	JD			6.44	
013395-76-1	Cyclohexanone, 2,3-dimethyl-	4400	JD			6.516	
	(DEL) Alkane: Straight-Chain6.551	2900	JD			6.551	
	(DEL) Alkane: Straight-Chain6.781	3300	JD			6.781	
000103-65-1	Benzene, propyl-	3200	JD			6.846	
	(DEL) Alkane: Straight-Chain6.875	6200	JD			6.875	
	(DEL) Alkane: Straight-Chain6.934	7900	JD			6.934	
000611-14-3	Benzene, 1-ethyl-2-methyl-	5100	JD			6.963	
	(DEL) Alkane: Straight-Chain7.040	12000	JD			7.04	
000108-67-8	Mesitylene	3900	JD			7.098	
000622-96-8	Benzene, 1-ethyl-4-methyl-	4900	JD			7.263	
1000382-54-2	Carbonic acid, hexyl prop-1-en-2-y	4800	JD			7.298	
000109-21-7	Butanoic acid, butyl ester	6500	JD			7.393	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY6DL2	SDG No.:	BM091224
Lab Sample ID:	P3878-08DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047506.D	20	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
	(DEL) Alkane: Straight-Chain7.510	50000	JD			7.51	
	(DEL) Alkane: Straight-Chain7.716	2900	JD			7.716	
000104-76-7	1-Hexanol, 2-ethyl-	24000	JD			7.934	
000526-73-8	Benzene, 1,2,3-trimethyl-	4700	JD			7.987	
1000309-31-2	Oxalic acid, cyclohexyl decyl este	11000	JD			8.098	
	(DEL) Alkane: Cyclic8.169	4100	JD			8.169	
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	6500	JD			8.298	
001074-43-7	Benzene, 1-methyl-3-propyl-	8900	JD			8.416	
	(DEL) Alkane: Straight-Chain8.475	4000	JD			8.475	
	(DEL) Alkane: Straight-Chain8.651	8300	JD			8.651	
001758-88-9	Benzene, 2-ethyl-1,4-dimethyl-	3500	JD			8.828	
000527-84-4	o-Cymene	4400	JD			8.875	
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	10000	JD			8.981	
	(DEL) Alkane: Straight-Chain9.110	37000	JD			9.11	
002550-26-7	2-Butanone, 4-phenyl-	7900	JD			9.234	
	(DEL) Alkane: Cyclic9.675	1700	JD			9.675	
	(DEL) Alkane: Straight-Chain9.816	2400	JD			9.816	
	(DEL) Alkane: Straight-Chain9.963	2600	JD			9.963	
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	7400	JD			11.057	
1000309-38-7	Oxalic acid, 2-ethylhexyl pentyl e	3500	JD			11.175	
	(DEL) Alkane: Straight-Chain11.598	2100	JD			11.598	
	unknown-02	4200	JD			11.939	
	(DEL) Alkane: Straight-Chain12.104	4900	JD			12.104	
	(DEL) Alkane: Straight-Chain12.916	3200	JD			12.916	
	(DEL) Alkane: Straight-Chain13.057	3300	JD			13.057	
	(DEL) Alkane: Straight-Chain13.339	12000	JD			13.339	
000581-40-8	Naphthalene, 2,3-dimethyl-	3300	JD			13.663	
1000309-38-8	Oxalic acid, 2-ethylhexyl isohexyl	6000	JD			13.998	
	(DEL) Alkane: Straight-Chain14.410	12000	JD			14.41	
	unknown-03	3900	JD			15.033	

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY6DL2	SDG No.:	BM091224
Lab Sample ID:	P3878-08DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.6
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047506.D	20	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1010309-19-2	(DEL) Alkane: Straight-Chain15.363	10000	JD			15.363	
	(DEL) Alkane: Straight-Chain15.769	5300	JD			15.769	
	(DEL) Alkane: Straight-Chain16.221	13000	JD			16.221	
	Sulfurous acid, 2-ethylhexyl nonyl	4200	JD			16.245	
	(DEL) Alkane: Straight-Chain17.010	8400	JD			17.01	
	(DEL) Alkane: Straight-Chain17.063	6200	JD			17.063	
005129-60-2	(DEL) Alkane: Straight-Chain17.745	7900	JD			17.745	
	Pentadecanoic acid, 14-methyl-, me	4400	JD			17.915	
	(DEL) Alkane: Straight-Chain18.433	6100	JD			18.433	
	(DEL) Alkane: Straight-Chain19.068	8900	JD			19.068	
1000383-13-6	(DEL) Alkane: Straight-Chain19.645	3400	JD			19.645	
	(DEL) Alkane: Straight-Chain20.174	2900	JD			20.174	
	Carbonic acid, 2-ethylhexyl nonyl	8200	JD			21.156	
	(DEL) Alkane: Straight-Chain21.680	2300	JD			21.68	
1010406-41-6	Dodecyl pentyl ether	4200	JD			22.139	
1000309-39-7	Oxalic acid, 2-ethylhexyl tetradec	3500	JD			22.262	
E966796	Total Alkanes	270000	D			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY9DL2	SDG No.:	BM091224
Lab Sample ID:	P3878-11DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047507.D	30	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	490	U	490	250	2500	ug/Kg
100-52-7	Benzaldehyde	2800	U	2800	3100	12000	ug/Kg
110-86-1	Pyridine	1600	U	1600	6200	12000	ug/Kg
108-95-2	Phenol	1300	U	1300	3100	12000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1300	U	1300	3100	12000	ug/Kg
95-57-8	2-Chlorophenol	1000	U	1000	1600	6400	ug/Kg
95-48-7	2-Methylphenol	1100	U	1100	3100	12000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1000	U	1000	3100	12000	ug/Kg
98-86-2	Acetophenone	1400	U	1400	3100	12000	ug/Kg
106-44-5	4-Methylphenol	1200	U	1200	3100	12000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1100	U	1100	1600	6400	ug/Kg
67-72-1	Hexachloroethane	860	U	860	1600	6400	ug/Kg
98-95-3	Nitrobenzene	1300	U	1300	1600	6400	ug/Kg
78-59-1	Isophorone	1300	U	1300	1600	6400	ug/Kg
88-75-5	2-Nitrophenol	1200	U	1200	1600	6400	ug/Kg
105-67-9	2,4-Dimethylphenol	1000	U	1000	1600	6400	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1400	U	1400	1600	6400	ug/Kg
120-83-2	2,4-Dichlorophenol	1500	U	1500	1600	6400	ug/Kg
91-20-3	Naphthalene	1300	U	1300	1600	6400	ug/Kg
106-47-8	4-Chloroaniline	1600	U	1600	1600	12000	ug/Kg
87-68-3	Hexachlorobutadiene	1300	U	1300	1600	6400	ug/Kg
105-60-2	Caprolactam	4500	U	4500	3100	12000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000	U	1000	1600	6400	ug/Kg
90-12-0	1-Methylnaphthalene	1500	U	1500	1600	6400	ug/Kg
91-57-6	2-Methylnaphthalene	1400	U	1400	1600	6400	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3000	U	3000	3100	12000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600	U	1600	1600	6400	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600	U	1600	1600	6400	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY9DL2	SDG No.:	BM091224
Lab Sample ID:	P3878-11DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047507.D	30	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1800	U	1800	1600	6400	ug/Kg
91-58-7	2-Chloronaphthalene	1700	U	1700	1600	6400	ug/Kg
88-74-4	2-Nitroaniline	820	U	820	1600	6400	ug/Kg
131-11-3	Dimethylphthalate	1600	U	1600	1600	6400	ug/Kg
606-20-2	2,6-Dinitrotoluene	790	U	790	1600	6400	ug/Kg
208-96-8	Acenaphthylene	1600	U	1600	1600	6400	ug/Kg
99-09-2	3-Nitroaniline	750	U	750	3100	12000	ug/Kg
83-32-9	Acenaphthene	1500	U	1500	1600	6400	ug/Kg
51-28-5	2,4-Dinitrophenol	4500	U	4500	3100	12000	ug/Kg
100-02-7	4-Nitrophenol	1500	U	1500	3100	12000	ug/Kg
132-64-9	Dibenzofuran	1700	U	1700	1600	6400	ug/Kg
121-14-2	2,4-Dinitrotoluene	1000	U	1000	1600	6400	ug/Kg
84-66-2	Diethylphthalate	2200	U	2200	1600	6400	ug/Kg
86-73-7	Fluorene	1700	U	1700	1600	6400	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1800	U	1800	1600	6400	ug/Kg
100-01-6	4-Nitroaniline	1600	U	1600	3100	12000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	600	U	600	3100	12000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1600	U	1600	1600	6400	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900	U	1900	1600	6400	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1700	U	1700	1600	6400	ug/Kg
118-74-1	Hexachlorobenzene	1900	U	1900	1600	6400	ug/Kg
1912-24-9	Atrazine	1500	U	1500	3100	12000	ug/Kg
87-86-5	Pentachlorophenol	100000	D	3300	3100	12000	ug/Kg
85-01-8	Phenanthrene	1600	U	1600	1600	6400	ug/Kg
608-93-5	Pentachlorobenzene	1900	U	1900	1600	6400	ug/Kg
120-12-7	Anthracene	1600	U	1600	1600	6400	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1200	U	1200	1600	6400	ug/Kg
86-74-8	Carbazole	1700	U	1700	3100	12000	ug/Kg
84-74-2	Di-n-butylphthalate	1600	U	1600	1600	6400	ug/Kg
206-44-0	Fluoranthene	1600	U	1600	3100	6400	ug/Kg

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY9DL2	SDG No.:	BM091224
Lab Sample ID:	P3878-11DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047507.D	30	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1600	U	1600	1600	6400	ug/Kg
85-68-7	Butylbenzylphthalate	1200	U	1200	1600	6400	ug/Kg
91-94-1	3,3-Dichlorobenzidine	860	U	860	3100	12000	ug/Kg
56-55-3	Benzo(a)anthracene	1500	U	1500	1600	6400	ug/Kg
218-01-9	Chrysene	1700	U	1700	1600	6400	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1600	U	1600	1600	6400	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	3100	12000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1600	U	1600	1600	6400	ug/Kg
207-08-9	Benzo(k)fluoranthene	1700	U	1700	1600	6400	ug/Kg
50-32-8	Benzo(a)pyrene	1600	U	1600	1600	6400	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1400	U	1400	1600	6400	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1400	U	1400	1600	6400	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	U	1300	1600	6400	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	5700	JD	1400	1600	6400	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	11.34		20-120		28	SPK: -40
4165-62-2	Phenol-d5	13.71		10-130		34	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	15.81		10-150		40	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.85		15-120		37	SPK: -40
190780-66-6	4-Methylphenol-d8	16.5		10-140		41	SPK: -40
4165-60-0	Nitrobenzene-d5	15.3		10-135		38	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.97		10-120		30	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	13.44		10-140		34	SPK: -40
191656-33-4	4-Chloroaniline-d4	14.73		1-145		37	SPK: -40
85448-30-2	Dimethylphthalate-d6	17.46		10-145		44	SPK: -40
93951-97-4	Acenaphthylene-d8	16.23		15-120		41	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	18.69		20-140		47	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	DCVY9DL2	SDG No.:	BM091224
Lab Sample ID:	P3878-11DL2	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	19.9
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM047507.D	30	9/9/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163243

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.96		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	18.24		10-150		46	SPK: -40
1718-52-1	Pyrene-d10	21.93		10-130		55	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	15.87		10-140		40	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	458541	7.863				
1146-65-2	Naphthalene-d8	2095037	10.663				
15067-26-2	Acenaphthene-d10	1348062	14.492				
1517-22-2	Phenanthrene-d10	2767983	17.227				
1719-03-5	Chrysene-d12	2007715	21.45				
1520-96-3	Perylene-d12	1830735	24.491				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain7.504	6600	JD			7.504	
	(DEL) Alkane: Straight-Chain8.545	2700	JD			8.545	
1000382-90-8	Carbonic acid, prop-1-en-2-yl trid	6700	JD			9.11	
	(DEL) Alkane: Straight-Chain14.410	2800	JD			14.41	
	(DEL) Alkane: Straight-Chain15.357	3400	JD			15.357	
	(DEL) Alkane: Straight-Chain16.215	4500	JD			16.215	
	(DEL) Alkane: Straight-Chain17.009	3600	JD			17.009	
	(DEL) Alkane: Straight-Chain17.063	2800	JD			17.063	
	(DEL) Alkane: Straight-Chain17.745	3400	JD			17.745	
	(DEL) Alkane: Straight-Chain18.433	3000	JD			18.433	
E966796	Total Alkanes	33000	D			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM091224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-WATER-QT3-2024-06							
P3391-02	MDL-WATER-QT3-2024 Water	Total Alkanes	*	0.000	1.7	5	ug/L
		Total Tics :			0.00		
P3391-02	MDL-WATER-QT3-2024 Water	1,1-Biphenyl	4.400	J	1.7	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	1,2,3,4-Tetrachlorobenzene	4.200	J	1.2	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	1,2,4,5-Tetrachlorobenzene	4.400	J	1.8	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	1,4-Dioxane	0.950	J	0.49	2	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	1-Methylnaphthalene	4.500	J	1.3	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,2-oxybis(1-Chloropropane)	4.500	J	1.4	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,3,4,6-Tetrachlorophenol	4.200	J	1.4	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,4,5-Trichlorophenol	4.000	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,4,6-Trichlorophenol	4.100	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,4-Dichlorophenol	4.600	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,4-Dimethylphenol	1.800	J	0.98	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,4-Dinitrotoluene	4.300	J	1.1	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2,6-Dinitrotoluene	4.100	J	1.1	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2-Chloronaphthalene	4.500	J	1.6	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2-Chlorophenol	4.500	J	1.3	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2-Methylnaphthalene	4.400	J	1.4	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2-Methylphenol	3.700	J	1.4	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2-Nitroaniline	3.900	J	1.2	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	2-Nitrophenol	4.500	J	1.4	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	3,3-Dichlorobenzidine	3.100	J	1.1	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	3-Nitroaniline	3.800	J	0.84	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4,6-Dinitro-2-methylphenol	3.500	J	0.94	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4-Bromophenyl-phenylether	4.300	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4-Chloro-3-methylphenol	4.000	J	1.4	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4-Chloroaniline	4.200	J	1.4	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4-Chlorophenyl-phenylether	4.500	J	1.6	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4-Methylphenol	4.100	J	1.4	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4-Nitroaniline	3.900	J	1.3	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	4-Nitrophenol	4.300	J	1.5	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Acenaphthene	4.400	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Acenaphthylene	4.700	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Acetophenone	4.600	J	1.5	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Anthracene	3.900	J	1.4	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Atrazine	4.000	J	1.6	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Benzaldehyde	5.300	J	2.5	10	ug/L

Hit Summary Sheet
SW-846

SDG No.: BM091224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P3391-02	MDL-WATER-QT3-2024 Water	Benzo(a)anthracene	4.400	J	1.4	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Benzo(a)pyrene	4.500	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Benzo(b)fluoranthene	4.800	J	1.6	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Benzo(g,h,i)perylene	4.200	J	1.4	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Benzo(k)fluoranthene	4.600	J	1.7	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Bis(2-Chloroethoxy)methane	4.500	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Bis(2-Chloroethyl)ether	4.600	J	1.4	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Bis(2-ethylhexyl)phthalate	4.400	J	1.8	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Butylbenzylphthalate	4.100	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Caprolactam	5.900	J	4.5	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Carbazole	4.200	J	1.6	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Chrysene	4.500	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Di-n-butylphthalate	4.200	J	1.7	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Di-n-octyl phthalate	4.700	J	1.4	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Dibenzo(a,h)anthracene	4.100	J	1.4	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Dibenzofuran	4.600	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Diethylphthalate	4.400	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Dimethylphthalate	4.400	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Fluoranthene	4.800	J	1.7	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Fluorene	4.400	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Hexachlorobenzene	4.300	J	1.6	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Hexachlorobutadiene	4.600	J	1.2	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Hexachlorocyclopentadiene	3.700	J	3.3	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Hexachloroethane	4.500	J	1.1	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Indeno(1,2,3-cd)pyrene	4.000	J	1.4	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Isophorone	4.200	J	1.4	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	N-Nitroso-di-n-propylamine	4.400	J	1.6	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	N-Nitrosodiphenylamine	4.200	J	1.6	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Naphthalene	4.600	J	1.3	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Nitrobenzene	4.700	J	1.4	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Pentachlorobenzene	4.500	J	1.5	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Pentachlorophenol	5.900	J	3.6	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Phenanthrene	4.400	J	1.6	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Phenol	4.300	J	1.4	10	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Pyrene	4.900	J	1.7	5	ug/L
P3391-02	MDL-WATER-QT3-2024 Water	Pyridine	4.400	J	1.4	10	ug/L

Total Svoc :

304.05

Total Concentration:

304.05

Client ID : DDC47DL2

P3878-03DL2 DDC47DL2 Solid (DEL) Alkane: Cyclic6.522 * 7,100.000 JD

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SDG No.: BM091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Cyclic8.175	*	6,500.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain12.1	*	3,900.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain12.9	*	5,100.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain13.0	*	6,800.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain13.2	*	18,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain14.0	*	5,100.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain14.4	*	15,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain15.0	*	6,500.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain15.7	*	9,600.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain15.9	*	4,500.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain16.2	*	18,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain16.2	*	4,200.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain17.0	*	14,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain17.0	*	9,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain17.7	*	13,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain18.4	*	11,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain19.0	*	8,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain20.1	*	6,300.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain20.0	*	5,600.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain21.0	*	4,900.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain22.2	*	8,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain5.8	*	17,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain6.4	*	6,300.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain6.8	*	9,700.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain6.9	*	12,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain8.0	*	5,900.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain8.4	*	7,800.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain8.6	*	16,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain9.11	*	61,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	(DEL) Alkane: Straight-Chain9.9	*	2,600.000	JD		
P3878-03DL2	DDC47DL2	Solid	1-(2-Methoxy-5-methylphenyl)pr	*	7,300.000	JD		
P3878-03DL2	DDC47DL2	Solid	1-Hexanol, 2-ethyl-	*	17,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	2-Heptanone, 4,6-dimethyl-	*	14,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	2-Methylindan-2-ol	*	14,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	8-Octadecenoic acid, methyl ester	*	25,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	Benzene, 1,2,3-trimethyl-	*	8,200.000	JD		
P3878-03DL2	DDC47DL2	Solid	Benzene, 1-ethyl-2-methyl-	*	15,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	Benzene, 1-ethyl-4-methyl-	*	24,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	Benzene, 1-methyl-3-propyl-	*	16,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	17,000.000	JD		

Hit Summary Sheet
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SDG No.: BM091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-03DL2	DDC47DL2	Solid	Butanoic acid, butyl ester	*	5,800.000	JD		
P3878-03DL2	DDC47DL2	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	18,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	Decane	*	88,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	Dodecane, 1-iodo-	*	15,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	Hexadecanoic acid, methyl ester	*	20,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	Mesitylene	*	10,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	Methyl stearate	*	8,900.000	JD		
P3878-03DL2	DDC47DL2	Solid	Montanol	*	7,400.000	JD		
P3878-03DL2	DDC47DL2	Solid	Naphthalene, 1,4,6-trimethyl-	*	10,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	Naphthalene, 1,4-dimethyl-	*	6,300.000	JD		
P3878-03DL2	DDC47DL2	Solid	Naphthalene, 1,6-dimethyl-	*	8,600.000	JD		
P3878-03DL2	DDC47DL2	Solid	Naphthalene, 1,7-dimethyl-	*	11,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	Naphthalene, 2,7-dimethyl-	*	7,200.000	JD		
P3878-03DL2	DDC47DL2	Solid	o-Cymene	*	11,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	Oxalic acid, 2-ethylhexyl tetradec	*	10,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	Propanoic acid, 2-methyl-, 2-ethyl	*	7,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	unknown-01	*	9,400.000	JD		
P3878-03DL2	DDC47DL2	Solid	unknown-02	*	7,700.000	JD		
P3878-03DL2	DDC47DL2	Solid	unknown-03	*	12,000.000	JD		
P3878-03DL2	DDC47DL2	Solid	unknown-04	*	7,400.000	JD		
P3878-03DL2	DDC47DL2	Solid	Total Alkanes	*	330,000.000	D 1800	6400	ug/Kg
Total Tics :					1,096,600.00			
P3878-03DL2	DDC47DL2	Solid	1-Methylnaphthalene		5,100.000	JD 1500	6400	ug/Kg
P3878-03DL2	DDC47DL2	Solid	2,3,4,6-Tetrachlorophenol		64,000.000	D 1400	6400	ug/Kg
P3878-03DL2	DDC47DL2	Solid	2-Methylnaphthalene		8,900.000	D 1400	6400	ug/Kg
P3878-03DL2	DDC47DL2	Solid	Naphthalene		2,900.000	JD 1300	6400	ug/Kg
P3878-03DL2	DDC47DL2	Solid	Pentachlorophenol		650,000.000	ED 3300	12000	ug/Kg
P3878-03DL2	DDC47DL2	Solid	Phenanthrene		2,400.000	JD 1600	6400	ug/Kg
Total Svoc :					733,300.00			
Total Concentration:					1,829,900.00			
Client ID :	DCVY6DL							
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Cyclic14.804	*	2,600.000	JD		
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Cyclic8.175	*	2,800.000	JD		
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain10.6	*	970.000	JD		
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain10.1	*	910.000	JD		
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain11.5	*	1,400.000	JD		
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain11.7	*	2,300.000	JD		
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain12.1	*	3,700.000	JD		
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain12.5	*	2,800.000	JD		
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain13.6	*	2,900.000	JD		

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SDG No.: BM091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain13.2 *	11,000.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain14.0 *	5,300.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain14.4 *	11,000.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain15.2 *	9,000.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain15.7 *	4,800.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain16.2 *	12,000.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain17.0 *	8,000.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain17.0 *	5,800.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain17.7 *	7,500.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain18.4 *	5,800.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain19.0 *	8,500.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain21.6 *	2,300.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain4.9 *	1,900.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain5.8 *	8,100.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain6.3 *	3,400.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain6.4 *	2,700.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain6.7 *	2,300.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain6.8 *	2,600.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain6.8 *	3,800.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain6.9 *	5,200.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain7.5 *	33,000.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain7.7 *	1,900.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain8.4 *	6,000.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain8.4 *	2,700.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain8.6 *	5,600.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain9.1 *	24,000.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain9.8 *	3,700.000	JD			
P3878-08DL	DCVY6DL	Solid	(DEL) Alkane: Straight-Chain9.9 *	1,800.000	JD			
P3878-08DL	DCVY6DL	Solid	1-Hexanol, 2-ethyl-	*	16,000.000	JD		
P3878-08DL	DCVY6DL	Solid	2-Bromo dodecane	*	2,800.000	JD		
P3878-08DL	DCVY6DL	Solid	2-Heptanone, 4,6-dimethyl-	*	3,100.000	JD		
P3878-08DL	DCVY6DL	Solid	9-Octadecenoic acid, (E)-	*	4,300.000	JD		
P3878-08DL	DCVY6DL	Solid	Benzene, 1-ethyl-2-methyl-	*	3,300.000	JD		
P3878-08DL	DCVY6DL	Solid	Benzene, 1-ethyl-3-methyl-	*	3,500.000	JD		
P3878-08DL	DCVY6DL	Solid	Benzene, 1-methyl-4-(2-methylpr	*	4,500.000	JD		
P3878-08DL	DCVY6DL	Solid	Butanoic acid	*	6,100.000	JD		
P3878-08DL	DCVY6DL	Solid	Butanoic acid, butyl ester	*	2,200.000	JD		
P3878-08DL	DCVY6DL	Solid	Carbonic acid, 2-ethylhexyl nonyl	*	8,200.000	JD		
P3878-08DL	DCVY6DL	Solid	Cyclohexanone, 2,3-dimethyl-	*	3,200.000	JD		
P3878-08DL	DCVY6DL	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	4,300.000	JD		

Hit Summary Sheet
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SDG No.: BM091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-08DL	DCVY6DL	Solid	Hexadecanoic acid, methyl ester	* 4,200.000	JD			
P3878-08DL	DCVY6DL	Solid	Hexylene glycol	* 6,700.000	JD			
P3878-08DL	DCVY6DL	Solid	Isobutyl tetratriacontyl ether	* 3,400.000	JD			
P3878-08DL	DCVY6DL	Solid	Mesitylene	* 3,100.000	JD			
P3878-08DL	DCVY6DL	Solid	Methyl stearate	* 2,200.000	JD			
P3878-08DL	DCVY6DL	Solid	Naphthalene, 1,3-dimethyl-	* 2,000.000	JD			
P3878-08DL	DCVY6DL	Solid	Naphthalene, 2,3,6-trimethyl-	* 2,300.000	JD			
P3878-08DL	DCVY6DL	Solid	Naphthalene, 2,3-dimethyl-	* 3,300.000	JD			
P3878-08DL	DCVY6DL	Solid	Naphthalene, 2,7-dimethyl-	* 2,300.000	JD			
P3878-08DL	DCVY6DL	Solid	Naphthalene, 2-methyl-1-propyl-	* 2,000.000	JD			
P3878-08DL	DCVY6DL	Solid	Oxalic acid, 2-ethylhexyl tetradec	* 3,600.000	JD			
P3878-08DL	DCVY6DL	Solid	Oxalic acid, cyclohexyl nonyl este	* 7,100.000	JD			
P3878-08DL	DCVY6DL	Solid	Sulfurous acid, 2-ethylhexyl tetra	* 4,400.000	JD			
P3878-08DL	DCVY6DL	Solid	unknown-01	* 5,000.000	JD			
P3878-08DL	DCVY6DL	Solid	unknown-02	* 3,100.000	JD			
P3878-08DL	DCVY6DL	Solid	unknown-03	* 3,000.000	JD			
P3878-08DL	DCVY6DL	Solid	unknown-04	* 3,200.000	JD			
P3878-08DL	DCVY6DL	Solid	unknown-05	* 2,700.000	JD			
P3878-08DL	DCVY6DL	Solid	Total Alkanes	* 220,000.000	D 600		2100	ug/Kg
Total Tics :				565,180.00				
P3878-08DL	DCVY6DL	Solid	1-Methylnaphthalene	2,300.000	D 510		2100	ug/Kg
P3878-08DL	DCVY6DL	Solid	2,3,4,6-Tetrachlorophenol	34,000.000	ED 460		2100	ug/Kg
P3878-08DL	DCVY6DL	Solid	2-Methylnaphthalene	4,100.000	D 460		2100	ug/Kg
P3878-08DL	DCVY6DL	Solid	Naphthalene	1,800.000	JD 420		2100	ug/Kg
P3878-08DL	DCVY6DL	Solid	Pentachlorophenol	320,000.000	ED 1100		4100	ug/Kg
P3878-08DL	DCVY6DL	Solid	Phenanthrene	740.000	JD 550		2100	ug/Kg
Total Svoc :				362,940.00				
Total Concentration:				928,120.00				
Client ID : DCVY6DL2								
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Cyclic8.169	* 4,100.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Cyclic9.675	* 1,700.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain11.5	* 2,100.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain12.1	* 4,900.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain12.5	* 3,200.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain13.0	* 3,300.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain13.3	* 12,000.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain14.4	* 12,000.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain15.2	* 10,000.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain15.7	* 5,300.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain16.2	* 13,000.000	JD			

Hit Summary Sheet SW-846

SDG No.: BM091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain17.6 *	8,400.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain17.6 *	6,200.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain17.7 *	7,900.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain18.4 *	6,100.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain19.6 *	8,900.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain19.6 *	3,400.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain20.1 *	2,900.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain21.6 *	2,300.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain5.85 *	12,000.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain6.4 *	4,000.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain6.55 *	2,900.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain6.75 *	3,300.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain6.85 *	6,200.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain6.95 *	7,900.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain7.05 *	12,000.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain7.51 *	50,000.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain7.71 *	2,900.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain8.47 *	4,000.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain8.65 *	8,300.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain9.11 *	37,000.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain9.81 *	2,400.000	JD			
P3878-08DL2	DCVY6DL2	Solid	(DEL) Alkane: Straight-Chain9.96 *	2,600.000	JD			
P3878-08DL2	DCVY6DL2	Solid	1-Hexanol, 2-ethyl-	24,000.000	JD			
P3878-08DL2	DCVY6DL2	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane *	7,400.000	JD			
P3878-08DL2	DCVY6DL2	Solid	2-Butanone, 4-phenyl-	7,900.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Benzene, 1,2,3-trimethyl-	4,700.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Benzene, 1-ethyl-2-methyl-	5,100.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Benzene, 1-ethyl-4-methyl-	4,900.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Benzene, 1-methyl-3-propyl-	8,900.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Benzene, 2-ethyl-1,4-dimethyl-	3,500.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Benzene, 4-ethyl-1,2-dimethyl-	10,000.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Benzene, propyl-	3,200.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Butanoic acid	8,100.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Butanoic acid, butyl ester	6,500.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Carbonic acid, 2-ethylhexyl nonyl *	8,200.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Carbonic acid, hexyl prop-1-en-2- *	4,800.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Cyclohexanone, 2,3-dimethyl-	4,400.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Cyclohexanone, 3,3,5-trimethyl-	6,500.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Dodecyl pentyl ether	4,200.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Hexylene glycol	9,300.000	JD			

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SDG No.: BM091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-08DL2	DCVY6DL2	Solid	Mesitylene	* 3,900.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Naphthalene, 2,3-dimethyl-	* 3,300.000	JD			
P3878-08DL2	DCVY6DL2	Solid	o-Cymene	* 4,400.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Oxalic acid, 2-ethylhexyl isohexyl	* 6,000.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Oxalic acid, 2-ethylhexyl pentyl e	* 3,500.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Oxalic acid, 2-ethylhexyl tetradec	* 3,500.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Oxalic acid, cyclohexyl decyl este	* 11,000.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Pentadecanoic acid, 14-methyl-, n	* 4,400.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Sulfurous acid, 2-ethylhexyl nony	* 4,200.000	JD			
P3878-08DL2	DCVY6DL2	Solid	unknown-01	* 5,000.000	JD			
P3878-08DL2	DCVY6DL2	Solid	unknown-02	* 4,200.000	JD			
P3878-08DL2	DCVY6DL2	Solid	unknown-03	* 3,900.000	JD			
P3878-08DL2	DCVY6DL2	Solid	Total Alkanes	* 270,000.000	D	1200	4200	ug/Kg
Total Tics :				732,100.00				
P3878-08DL2	DCVY6DL2	Solid	1-Methylnaphthalene	2,500.000	JD	1000	4200	ug/Kg
P3878-08DL2	DCVY6DL2	Solid	2,3,4,6-Tetrachlorophenol	34,000.000	D	920	4200	ug/Kg
P3878-08DL2	DCVY6DL2	Solid	2-Methylnaphthalene	4,300.000	D	920	4200	ug/Kg
P3878-08DL2	DCVY6DL2	Solid	Naphthalene	1,900.000	JD	850	4200	ug/Kg
P3878-08DL2	DCVY6DL2	Solid	Pentachlorophenol	390,000.000	ED	2200	8200	ug/Kg
Total Svoc :				432,700.00				
Total Concentration:				1,164,800.00				
Client ID : DCVY8DL								
P3878-10DL	DCVY8DL	Solid	(DEL) Alkane: Straight-Chain13.3	* 1,000.000	JD			
P3878-10DL	DCVY8DL	Solid	(DEL) Alkane: Straight-Chain14.4	* 1,500.000	JD			
P3878-10DL	DCVY8DL	Solid	(DEL) Alkane: Straight-Chain15.3	* 1,800.000	JD			
P3878-10DL	DCVY8DL	Solid	(DEL) Alkane: Straight-Chain15.7	* 1,100.000	JD			
P3878-10DL	DCVY8DL	Solid	(DEL) Alkane: Straight-Chain16.2	* 2,200.000	JD			
P3878-10DL	DCVY8DL	Solid	(DEL) Alkane: Straight-Chain17.0	* 1,800.000	JD			
P3878-10DL	DCVY8DL	Solid	(DEL) Alkane: Straight-Chain17.0	* 1,300.000	JD			
P3878-10DL	DCVY8DL	Solid	(DEL) Alkane: Straight-Chain17.7	* 1,700.000	JD			
P3878-10DL	DCVY8DL	Solid	(DEL) Alkane: Straight-Chain18.4	* 1,500.000	JD			
P3878-10DL	DCVY8DL	Solid	(DEL) Alkane: Straight-Chain19.0	* 1,300.000	JD			
P3878-10DL	DCVY8DL	Solid	(DEL) Alkane: Straight-Chain21.1	* 840.000	JD			
P3878-10DL	DCVY8DL	Solid	(DEL) Alkane: Straight-Chain7.50	* 1,500.000	JD			
P3878-10DL	DCVY8DL	Solid	(DEL) Alkane: Straight-Chain9.11	* 1,600.000	JD			
P3878-10DL	DCVY8DL	Solid	Sulfurous acid, 2-ethylhexyl tetra	* 880.000	JD			
P3878-10DL	DCVY8DL	Solid	Total Alkanes	* 19,000.000	D	600	2100	ug/Kg
Total Tics :				39,020.00				
P3878-10DL	DCVY8DL	Solid	2,3,4,6-Tetrachlorophenol	3,800.000	D	460	2100	ug/Kg
P3878-10DL	DCVY8DL	Solid	Pentachlorophenol	61,000.000	D	1100	4100	ug/Kg

Hit Summary Sheet
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SDG No.: BM091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :	64,800.00				
			Total Concentration:	103,820.00				
Client ID :	DCVY9DL							
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Cyclic15.974	*	930.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain12.0	*	1,200.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain13.0	*	1,900.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain14.4	*	2,700.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain15.0	*	1,200.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain15.0	*	3,200.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain15.7	*	2,000.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain16.2	*	4,500.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain16.2	*	1,600.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain17.0	*	2,700.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain17.7	*	3,400.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain18.4	*	3,000.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain19.0	*	2,500.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain20.1	*	1,400.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain20.6	*	1,200.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain21.0	*	950.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain22.2	*	1,200.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain5.89	*	970.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain6.92	*	1,000.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain7.50	*	5,700.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain8.41	*	1,500.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain8.65	*	1,700.000	JD		
P3878-11DL	DCVY9DL	Solid	(DEL) Alkane: Straight-Chain9.11	*	6,000.000	JD		
P3878-11DL	DCVY9DL	Solid	1-Hexanol, 2-ethyl-	*	1,200.000	JD		
P3878-11DL	DCVY9DL	Solid	Anthracene, 1-methyl-	*	940.000	JD		
P3878-11DL	DCVY9DL	Solid	Naphthalene, 1,3-dimethyl-	*	860.000	JD		
P3878-11DL	DCVY9DL	Solid	Naphthalene, 1,6,7-trimethyl-	*	1,800.000	JD		
P3878-11DL	DCVY9DL	Solid	Naphthalene, 1,6-dimethyl-	*	890.000	JD		
P3878-11DL	DCVY9DL	Solid	Naphthalene, 2,3,6-trimethyl-	*	1,100.000	JD		
P3878-11DL	DCVY9DL	Solid	Naphthalene, 2,3-dimethyl-	*	1,500.000	JD		
P3878-11DL	DCVY9DL	Solid	Oxalic acid, 2-ethylhexyl tetradec	*	2,200.000	JD		
P3878-11DL	DCVY9DL	Solid	Phenanthrene, 1-methyl-	*	1,200.000	JD		
P3878-11DL	DCVY9DL	Solid	Tridecane, 1-iodo-	*	3,500.000	JD		
P3878-11DL	DCVY9DL	Solid	unknown-01	*	1,500.000	JD		
P3878-11DL	DCVY9DL	Solid	unknown-02	*	990.000	JD		
P3878-11DL	DCVY9DL	Solid	Total Alkanes	*	52,000.000	D 600	2100	ug/Kg
			Total Tics :	122,130.00				

Hit Summary Sheet SW-846

SDG No.: BM091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-11DL	DCVY9DL	Solid	1-Methylnaphthalene	560.000	JD	510	2100	ug/Kg
P3878-11DL	DCVY9DL	Solid	2,3,4,6-Tetrachlorophenol	6,200.000	D	460	2100	ug/Kg
P3878-11DL	DCVY9DL	Solid	2-Methylnaphthalene	870.000	JD	460	2100	ug/Kg
P3878-11DL	DCVY9DL	Solid	Pentachlorophenol	110,000.000	ED	1100	4100	ug/Kg
Total Svoc :				117,630.00				
Total Concentration:				239,760.00				
Client ID : DCVY9DL2								
P3878-11DL2	DCVY9DL2	Solid	(DEL) Alkane: Straight-Chain14.4 *	2,800.000	JD			
P3878-11DL2	DCVY9DL2	Solid	(DEL) Alkane: Straight-Chain15.2 *	3,400.000	JD			
P3878-11DL2	DCVY9DL2	Solid	(DEL) Alkane: Straight-Chain16.2 *	4,500.000	JD			
P3878-11DL2	DCVY9DL2	Solid	(DEL) Alkane: Straight-Chain17.0 *	3,600.000	JD			
P3878-11DL2	DCVY9DL2	Solid	(DEL) Alkane: Straight-Chain17.0 *	2,800.000	JD			
P3878-11DL2	DCVY9DL2	Solid	(DEL) Alkane: Straight-Chain17.7 *	3,400.000	JD			
P3878-11DL2	DCVY9DL2	Solid	(DEL) Alkane: Straight-Chain18.4 *	3,000.000	JD			
P3878-11DL2	DCVY9DL2	Solid	(DEL) Alkane: Straight-Chain7.50 *	6,600.000	JD			
P3878-11DL2	DCVY9DL2	Solid	(DEL) Alkane: Straight-Chain8.54 *	2,700.000	JD			
P3878-11DL2	DCVY9DL2	Solid	Carbonic acid, prop-1-en-2-yl trid *	6,700.000	JD			
P3878-11DL2	DCVY9DL2	Solid	Total Alkanes *	33,000.000	D	1800	6400	ug/Kg
Total Tics :				72,500.00				
P3878-11DL2	DCVY9DL2	Solid	2,3,4,6-Tetrachlorophenol	5,700.000	JD	1400	6400	ug/Kg
P3878-11DL2	DCVY9DL2	Solid	Pentachlorophenol	100,000.000	D	3300	12000	ug/Kg
Total Svoc :				105,700.00				
Total Concentration:				178,200.00				
Client ID : DCVZ1DL								
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Cyclic14.804 *	1,700.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Cyclic8.169 *	2,600.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Cyclic9.675 *	960.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain10.0 *	850.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain10.1 *	820.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain11.5 *	1,200.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain12.1 *	3,500.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain12.9 *	2,000.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain13.0 *	2,300.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain13.2 *	8,500.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain13.9 *	3,900.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain14.4 *	10,000.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain15.0 *	2,200.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain15.2 *	8,400.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain16.2 *	11,000.000	JD			

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SDG No.: BM091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain16.2 *	3,400.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain17.0 *	7,700.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain17.0 *	5,200.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain17.7 *	6,800.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain18.4 *	5,200.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain19.0 *	7,700.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain20.1 *	3,100.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain21.0 *	2,300.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain22.1 *	4,100.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain22.2 *	3,500.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain5.85 *	8,100.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain6.44 *	2,600.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain6.78 *	2,000.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain6.87 *	3,500.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain6.92 *	4,900.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain7.51 *	31,000.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain8.07 *	2,000.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain8.47 *	2,700.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain8.62 *	5,000.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain9.81 *	2,900.000	JD			
P3878-13DL	DCVZ1DL	Solid	(DEL) Alkane: Straight-Chain9.90 *	1,600.000	JD			
P3878-13DL	DCVZ1DL	Solid	1-Hexanol, 2-ethyl-	*	14,000.000	JD		
P3878-13DL	DCVZ1DL	Solid	2,4-Dipropyl-5-ethyl-1,3-dioxane	*	2,300.000	JD		
P3878-13DL	DCVZ1DL	Solid	2-Bromo dodecane	*	3,700.000	JD		
P3878-13DL	DCVZ1DL	Solid	2-Heptanone, 4,6-dimethyl-	*	2,800.000	JD		
P3878-13DL	DCVZ1DL	Solid	4-Methylphenyl acetone	*	5,200.000	JD		
P3878-13DL	DCVZ1DL	Solid	9,9-Dimethyl-9-sila-9,10-dihydro	*	2,000.000	JD		
P3878-13DL	DCVZ1DL	Solid	Benzene, 1,2,3-trimethyl-	*	2,700.000	JD		
P3878-13DL	DCVZ1DL	Solid	Benzene, 1-ethyl-2-methyl-	*	3,400.000	JD		
P3878-13DL	DCVZ1DL	Solid	Benzene, 1-ethyl-4-methyl-	*	2,900.000	JD		
P3878-13DL	DCVZ1DL	Solid	Benzene, 1-methyl-3-(1-methylethyl)-	*	2,900.000	JD		
P3878-13DL	DCVZ1DL	Solid	Benzene, 1-methyl-3-propyl-	*	6,000.000	JD		
P3878-13DL	DCVZ1DL	Solid	Benzene, 1-methyl-4-propyl-	*	2,800.000	JD		
P3878-13DL	DCVZ1DL	Solid	Benzene, 2-ethyl-1,4-dimethyl-	*	2,100.000	JD		
P3878-13DL	DCVZ1DL	Solid	Benzene, propyl-	*	2,400.000	JD		
P3878-13DL	DCVZ1DL	Solid	Carbonic acid, 2-ethylhexyl undec	*	7,900.000	JD		
P3878-13DL	DCVZ1DL	Solid	Carbonic acid, prop-1-en-2-yl tetr	*	22,000.000	JD		
P3878-13DL	DCVZ1DL	Solid	Cyanic acid, ethyl ester	*	4,400.000	JD		
P3878-13DL	DCVZ1DL	Solid	Cyclohexanone, 2,3-dimethyl-	*	3,100.000	JD		
P3878-13DL	DCVZ1DL	Solid	Cyclohexanone, 3,3,5-trimethyl-	*	3,500.000	JD		

Hit Summary Sheet
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SDG No.: BM091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-13DL	DCVZ1DL	Solid	Diaziridinone, bis(1,1-dimethylpr	*	2,100.000	JD		
P3878-13DL	DCVZ1DL	Solid	Dodecane, 1-iodo-	*	2,100.000	JD		
P3878-13DL	DCVZ1DL	Solid	Hexadecanoic acid, methyl ester	*	3,500.000	JD		
P3878-13DL	DCVZ1DL	Solid	Hexylene glycol	*	3,800.000	JD		
P3878-13DL	DCVZ1DL	Solid	Mesitylene	*	3,000.000	JD		
P3878-13DL	DCVZ1DL	Solid	Naphthalene, 1,6,7-trimethyl-	*	2,100.000	JD		
P3878-13DL	DCVZ1DL	Solid	Naphthalene, 2,3-dimethyl-	*	2,700.000	JD		
P3878-13DL	DCVZ1DL	Solid	Naphthalene, 2,6-dimethyl-	*	2,300.000	JD		
P3878-13DL	DCVZ1DL	Solid	unknown-01	*	2,900.000	JD		
P3878-13DL	DCVZ1DL	Solid	unknown-02	*	2,700.000	JD		
P3878-13DL	DCVZ1DL	Solid	unknown-03	*	2,600.000	JD		
P3878-13DL	DCVZ1DL	Solid	Total Alkanes	*	180,000.000	D 570	2000	ug/Kg
Total Tics :				481,130.00				
P3878-13DL	DCVZ1DL	Solid	1-Methylnaphthalene		2,200.000	D 490	2000	ug/Kg
P3878-13DL	DCVZ1DL	Solid	2,3,4,6-Tetrachlorophenol		31,000.000	D 440	2000	ug/Kg
P3878-13DL	DCVZ1DL	Solid	2-Methylnaphthalene		3,900.000	D 440	2000	ug/Kg
P3878-13DL	DCVZ1DL	Solid	Naphthalene		1,700.000	JD 400	2000	ug/Kg
P3878-13DL	DCVZ1DL	Solid	Pentachlorophenol		300,000.000	ED 1000	3900	ug/Kg
P3878-13DL	DCVZ1DL	Solid	Phenanthrene		710.000	JD 520	2000	ug/Kg
Total Svoc :				339,510.00				
Total Concentration:				820,640.00				
Client ID : DDCC1DL								
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain11.1	*	1,400.000	JD		
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain13.1	*	3,700.000	JD		
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain13.5	*	1,400.000	JD		
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain14.4	*	6,900.000	JD		
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain15.0	*	1,700.000	JD		
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain15.1	*	5,000.000	JD		
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain15.7	*	3,800.000	JD		
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain16.2	*	5,700.000	JD		
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain16.2	*	1,800.000	JD		
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain16.6	*	1,100.000	JD		
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain17.0	*	4,600.000	JD		
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain17.0	*	3,600.000	JD		
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain17.7	*	4,800.000	JD		
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain18.4	*	3,800.000	JD		
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain19.0	*	3,200.000	JD		
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain20.1	*	3,600.000	JD		
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain20.6	*	2,700.000	JD		
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain21.6	*	2,600.000	JD		

Hit Summary Sheet
SW-846

SDG No.: BM091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain22.2 *	4,300.000	JD			
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain22.5 *	1,800.000	JD			
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain5.8 *	1,900.000	JD			
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain6.9 *	2,000.000	JD			
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain7.51 *	14,000.000	JD			
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain8.34 *	4,000.000	JD			
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain8.47 *	1,900.000	JD			
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain8.6 *	3,200.000	JD			
P3878-18DL	DDCC1DL	Solid	(DEL) Alkane: Straight-Chain9.11 *	11,000.000	JD			
P3878-18DL	DDCC1DL	Solid	.alpha.-Lindane *	1,600.000	JD			
P3878-18DL	DDCC1DL	Solid	1-Hexanol, 2-ethyl- *	3,600.000	JD			
P3878-18DL	DDCC1DL	Solid	1H-Pyrazole, 4,5-dihydro-5,5-dim *	3,900.000	JD			
P3878-18DL	DDCC1DL	Solid	2,6-Pyridinediamine *	4,600.000	JD			
P3878-18DL	DDCC1DL	Solid	2-Bromo dodecane *	1,800.000	JD			
P3878-18DL	DDCC1DL	Solid	2-Heptanone, 4,6-dimethyl- *	2,300.000	JD			
P3878-18DL	DDCC1DL	Solid	2H-Pyran-2-carboxaldehyde, 3,4-(*	2,400.000	JD			
P3878-18DL	DDCC1DL	Solid	9-Methyl-S-octahydroanthracene *	4,600.000	JD			
P3878-18DL	DDCC1DL	Solid	Benzene, 2-ethyl-1,4-dimethyl- *	1,600.000	JD			
P3878-18DL	DDCC1DL	Solid	Cyclohexanone, 3,3,5-trimethyl- *	3,600.000	JD			
P3878-18DL	DDCC1DL	Solid	Cyclohexene, 4-methyl-1-(1-meth *	3,000.000	JD			
P3878-18DL	DDCC1DL	Solid	Heptyl isobutyl ketone *	1,800.000	JD			
P3878-18DL	DDCC1DL	Solid	Hexylene glycol *	1,600.000	JD			
P3878-18DL	DDCC1DL	Solid	Mesitylene *	1,900.000	JD			
P3878-18DL	DDCC1DL	Solid	n-Hexadecanoic acid *	1,700.000	JD			
P3878-18DL	DDCC1DL	Solid	Naphthalene, 1-methyl-7-(1-meth *	1,000.000	JD			
P3878-18DL	DDCC1DL	Solid	Naphthalene, 2,3,6-trimethyl- *	2,400.000	JD			
P3878-18DL	DDCC1DL	Solid	Naphthalene, 2,3-dimethyl- *	2,000.000	JD			
P3878-18DL	DDCC1DL	Solid	Naphthalene, 2,7-dimethyl- *	1,600.000	JD			
P3878-18DL	DDCC1DL	Solid	Oxalic acid, 2-ethylhexyl tetradec *	7,100.000	JD			
P3878-18DL	DDCC1DL	Solid	Pyridine, 2,5-diamino- *	1,400.000	JD			
P3878-18DL	DDCC1DL	Solid	unknown-01 *	3,600.000	JD			
P3878-18DL	DDCC1DL	Solid	unknown-02 *	6,100.000	JD			
P3878-18DL	DDCC1DL	Solid	unknown-03 *	2,900.000	JD			
P3878-18DL	DDCC1DL	Solid	unknown-04 *	1,500.000	JD			
P3878-18DL	DDCC1DL	Solid	unknown-05 *	1,600.000	JD			
P3878-18DL	DDCC1DL	Solid	unknown-06 *	1,400.000	JD			
P3878-18DL	DDCC1DL	Solid	unknown-07 *	1,500.000	JD			
P3878-18DL	DDCC1DL	Solid	unknown-08 *	2,000.000	JD			
P3878-18DL	DDCC1DL	Solid	unknown-09 *	3,100.000	JD			
P3878-18DL	DDCC1DL	Solid	Total Alkanes *	110,000.000	D	580	2000	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Total Tics :				294,700.00				
P3878-18DL	DDCC1DL	Solid	1-Methylnaphthalene	980.000	JD	490	2000	ug/Kg
P3878-18DL	DDCC1DL	Solid	2,3,4,6-Tetrachlorophenol	23,000.000	D	440	2000	ug/Kg
P3878-18DL	DDCC1DL	Solid	2,4,6-Trichlorophenol	5,300.000	D	520	2000	ug/Kg
P3878-18DL	DDCC1DL	Solid	2-Methylnaphthalene	1,500.000	JD	440	2000	ug/Kg
P3878-18DL	DDCC1DL	Solid	Pentachlorophenol	280,000.000	ED	1000	4000	ug/Kg
P3878-18DL	DDCC1DL	Solid	Phenanthrene	540.000	JD	530	2000	ug/Kg
Total Svoc :				311,320.00				
Total Concentration:				606,020.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM091024

SAS No.: BM091024

SDG No.: BM091024

Instrument ID: _____

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

Calibration Time(s): 17:23 _____

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

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM091024

SAS No.: BM091024

SDG No.: BM091024

Instrument ID: _____

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

Calibration Time(s): 17:23 _____

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

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM091024 SAS No.: BM091024 SDG No.: BM091024
Instrument ID: _____ Calibration Date(s): 9/10/2024 : _____
Calibration Time(s): 17:23 _____

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

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM091224 SAS No.: BM091224 SDG NO.: BM091224

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

Lab File ID: BM047467.D Time Analyzed: 10:50

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	398319	7.875	1.77192e+01	10.67	1.08484e+001	14.50
UPPER LIMIT	796638	8.375	3543840	11.169	2169680	15.004
LOWER LIMIT	199159.5	7.375	885960	10.169	542420	14.004
EPA SAMPLE NO.						
01 SBLK242	461955	7.87	2.0794e+	10.66	1.31754e	14.49
02 MDL-WATER-QT3-2024-06	411256	7.87	1.8751e+	10.66	1.16815e	14.49
03 DDC47DL2	453001	7.87	2.20156e	10.66	1.31069e	14.50
04 DDCC1DL	517083	7.87	2.54229e	10.66	1.45608e	14.50
05 DCVY6DL	512244	7.87	2.38569e	10.66	1.43936e	14.50
06 DCVY8DL	458729	7.87	2.0613e+	10.66	1.33035e	14.49
07 DCVY9DL	472569	7.87	2.15844e	10.66	1.39669e	14.49
08 DCVZ1DL	493787	7.87	2.29937e	10.66	1.39404e	14.49
09 DCVY6DL2	477588	7.87	2.17056e	10.66	1.34406e	14.49
10 DCVY9DL2	458541	7.86	2.09504e	10.66	1.34806e	14.49

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM091224 SAS No.: BM091224 SDG NO.: BM091224

EPA Sample No.: SSTD020143 Date Analyzed: Sep 12 2024 12:00AM

Lab File ID: BM047497.D Time Analyzed: 10:50

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	431287	7.869	1.97721e+01	10.66	1.21205e+00	14.50
UPPER LIMIT	862574	8.369	3954420	11.163	2424100	14.998
LOWER LIMIT	215643.5	7.369	988605	10.163	606025	13.998
EPA SAMPLE NO.						
01 SBLK242	461955	7.87	2.0794e+	10.66	1.31754e	14.49
02 MDL-WATER-QT3-2024-06	411256	7.87	1.8751e+	10.66	1.16815e	14.49
03 DDC47DL2	453001	7.87	2.20156e	10.66	1.31069e	14.50
04 DDCC1DL	517083	7.87	2.54229e	10.66	1.45608e	14.50
05 DCVY6DL	512244	7.87	2.38569e	10.66	1.43936e	14.50
06 DCVY8DL	458729	7.87	2.0613e+	10.66	1.33035e	14.49
07 DCVY9DL	472569	7.87	2.15844e	10.66	1.39669e	14.49
08 DCVZ1DL	493787	7.87	2.29937e	10.66	1.39404e	14.49
09 DCVY6DL2	477588	7.87	2.17056e	10.66	1.34406e	14.49
10 DCVY9DL2	458541	7.86	2.09504e	10.66	1.34806e	14.49

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM091224 SAS No.: BM091224 SDG NO.: BM091224

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

Lab File ID: BM047467.D Time Analyzed: 10:50

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	2.16417e+01	17.239	2.00873e+	21.468	2.27666e+01	24.521
UPPER LIMIT	4328340	17.739	4017460	21.968	4553320	25.021
LOWER LIMIT	1082085	16.739	1004365	20.968	1138330	24.021
EPA SAMPLE NO.						
01 SBLK242	2.55322	17.23	1.72149e+	21.46	1.60677e+	24.50
02 MDL-WATER-QT3-2024-06	2.38372	17.23	1.95362e+	21.46	1.71084e+	24.50
03 DDC47DL2	2.48292	17.23	1.82723e+	21.46	1.69427e+	24.50
04 DDCC1DL	2.69826	17.23	2.07984e+	21.46	1.99271e+	24.50
05 DCVY6DL	2.69287	17.23	2.10908e+	21.46	1.97057e+	24.50
06 DCVY8DL	2.67368	17.23	1.95652e+	21.46	1.83178e+	24.50
07 DCVY9DL	2.72606	17.23	2.15256e+	21.45	1.9905e+0	24.50
08 DCVZ1DL	2.64305	17.23	2.09164e+	21.45	1.97595e+	24.50
09 DCVY6DL2	2.59347	17.23	2.09997e+	21.46	2.00306e+	24.50
10 DCVY9DL2	2.76798	17.23	2.00772e+	21.45	1.83074e+	24.49

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM091224 SAS No.: BM091224 SDG NO.: BM091224

EPA Sample No.: SSTD020143 Date Analyzed: Sep 12 2024 12:00AM

Lab File ID: BM047497.D Time Analyzed: 10:50

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	2.36695e+01	17.233	1.83295e+	21.462	1.59217e+01	24.503
UPPER LIMIT	4733900	17.733	3665900	21.962	3184340	25.003
LOWER LIMIT	1183475	16.733	916475	20.962	796085	24.003
EPA SAMPLE NO.						
01 SBLK242	2.55322	17.23	1.72149e+	21.46	1.60677e+	24.50
02 MDL-WATER-QT3-2024-06	2.38372	17.23	1.95362e+	21.46	1.71084e+	24.50
03 DDC47DL2	2.48292	17.23	1.82723e+	21.46	1.69427e+	24.50
04 DDCC1DL	2.69826	17.23	2.07984e+	21.46	1.99271e+	24.50
05 DCVY6DL	2.69287	17.23	2.10908e+	21.46	1.97057e+	24.50
06 DCVY8DL	2.67368	17.23	1.95652e+	21.46	1.83178e+	24.50
07 DCVY9DL	2.72606	17.23	2.15256e+	21.45	1.9905e+0	24.50
08 DCVZ1DL	2.64305	17.23	2.09164e+	21.45	1.97595e+	24.50
09 DCVY6DL2	2.59347	17.23	2.09997e+	21.46	2.00306e+	24.50
10 DCVY9DL2	2.76798	17.23	2.00772e+	21.45	1.83074e+	24.49

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK242

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM091224

SAS No.: BM091224 SDG NO.: BM091224

Lab File ID: BM047498.D

Lab Sample ID: PB163242BL

Instrument ID: BNA_M

Date Extracted: 09/09/2024

Matrix: (soil/water) Water

Date Analyzed: 09/12/2024

Level: (low/med) LOW

Time Analyzed: 10:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT3-2024-06	P3391-02	BM047499.D	09/12/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: **BM091224**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3391-02	MDL-WATER-QT3BM047499.D		1,4-Dioxane-d8	8	4.75	59		15	120
			Pyridine-d5	40	22.94	57		20	120
			Phenol-d5	40	21.64	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.16	55		25	120
			2-Chlorophenol-d4	40	22.33	56		20	130
			4-Methylphenol-d8	40	20.21	51		25	125
			Nitrobenzene-d5	40	23.76	59		20	125
			2-Nitrophenol-d4	40	23.82	60		20	130
			2,4-Dichlorophenol-d3	40	22.63	57		20	120
			4-Chloroaniline-d4	40	20.21	51		1	146
			Dimethylphthalate-d6	40	21.76	54		25	130
			Acenaphthylene-d8	40	22.10	55		10	130
			4-Nitrophenol-d4	40	19.92	50		10	150
			Fluorene-d10	40	22.82	57		25	125
			4,6-Dinitro-2-methylphenol-d2	40	15.39	38		10	130
			Anthracene-d10	40	19.34	48		25	130
			Pyrene-d10	40	24.44	61		15	130
			Benzo(a)pyrene-d12	40	22.74	57		20	130
PB163242BL	PB163242BL	BM047498.D	Pyridine-d5	40	26.38	66		20	120
			1,4-Dioxane-d8	8	5.58	70		15	120
			Phenol-d5	40	25.84	65		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.16	68		25	120
			2-Chlorophenol-d4	40	27.27	68		20	130
			4-Methylphenol-d8	40	26.86	67		25	125
			Nitrobenzene-d5	40	29.60	74		20	125
			2-Nitrophenol-d4	40	30.62	77		20	130
			2,4-Dichlorophenol-d3	40	28.04	70		20	120
			4-Chloroaniline-d4	40	25.58	64		1	146
			Dimethylphthalate-d6	40	29.10	73		25	130
			Acenaphthylene-d8	40	28.58	71		10	130
			4-Nitrophenol-d4	40	22.99	57		10	150
			Fluorene-d10	40	29.32	73		25	125
			4,6-Dinitro-2-methylphenol-d2	40	18.60	47		10	130
			Anthracene-d10	40	29.89	75		25	130
			Pyrene-d10	40	38.59	96		15	130
			Benzo(a)pyrene-d12	40	29.88	75		20	130

Surrogate Summary

SW-846

SDG No.: **BM091224**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3878-03DL2	DDC47DL2	BM047500.D	1,4-Dioxane-d8	8	4.35	54		15	120
			Pyridine-d5	40	20.34	51		20	120
			Phenol-d5	40	18.30	46		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.77	87		10	150
			2-Chlorophenol-d4	40	18.06	45		15	120
			4-Methylphenol-d8	40	59.25	148	*	10	140
			Nitrobenzene-d5	40	17.13	43		10	135
			2-Nitrophenol-d4	40	15.33	38		10	120
			2,4-Dichlorophenol-d3	40	15.21	38		10	140
			4-Chloroaniline-d4	40	37.68	94		1	145
			Dimethylphthalate-d6	40	20.76	52		10	145
			Acenaphthylene-d8	40	20.61	52		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	23.37	58		20	140
			4,6-Dinitro-2-methylphenol-d2	40	49.62	124		10	130
			Anthracene-d10	40	22.20	56		10	150
			Pyrene-d10	40	26.94	67		10	130
			Benzo(a)pyrene-d12	40	19.53	49		10	140
P3878-08DL	DCVY6DL	BM047502.D	1,4-Dioxane-d8	8	3.52	44		15	120
			Pyridine-d5	40	12.60	31		20	120
			Phenol-d5	40	15.46	39		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.37	63		10	150
			2-Chlorophenol-d4	40	15.65	39		15	120
			4-Methylphenol-d8	40	34.33	86		10	140
			Nitrobenzene-d5	40	14.51	36		10	135
			2-Nitrophenol-d4	40	14.28	36		10	120
			2,4-Dichlorophenol-d3	40	14.53	36		10	140
			4-Chloroaniline-d4	40	25.41	64		1	145
			Dimethylphthalate-d6	40	15.67	39		10	145
			Acenaphthylene-d8	40	15.49	39		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	16.47	41		20	140
			4,6-Dinitro-2-methylphenol-d2	40	8.68	22		10	130
			Anthracene-d10	40	16.37	41		10	150
			Pyrene-d10	40	18.72	47		10	130
			Benzo(a)pyrene-d12	40	15.27	38		10	140
P3878-08DL2	DCVY6DL2	BM047506.D	1,4-Dioxane-d8	8	3.78	47		15	120
			Pyridine-d5	40	12.62	32		20	120
			Phenol-d5	40	16.00	40		10	130
			Bis(2-Chloroethyl)ether-d8	40	33.50	84		10	150
			2-Chlorophenol-d4	40	15.94	40		15	120
			4-Methylphenol-d8	40	35.06	88		10	140
			Nitrobenzene-d5	40	16.16	40		10	135
			2-Nitrophenol-d4	40	14.64	37		10	120
			2,4-Dichlorophenol-d3	40	15.04	38		10	140
			4-Chloroaniline-d4	40	25.66	64		1	145
			Dimethylphthalate-d6	40	16.66	42		10	145
			Acenaphthylene-d8	40	16.36	41		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150

Surrogate Summary

SW-846

SDG No.: **BM091224**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3878-08DL2	DCVY6DL2	BM047506.D	Fluorene-d10	40	17.78	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.54	24		10	130
			Anthracene-d10	40	17.14	43		10	150
			Pyrene-d10	40	19.34	48		10	130
			Benzo(a)pyrene-d12	40	14.94	37		10	140
P3878-10DL	DCVY8DL	BM047503.D	1,4-Dioxane-d8	8	3.61	45		15	120
			Pyridine-d5	40	16.05	40		20	120
			Phenol-d5	40	15.03	38		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.99	40		10	150
			2-Chlorophenol-d4	40	15.94	40		15	120
			4-Methylphenol-d8	40	15.81	40		10	140
			Nitrobenzene-d5	40	16.51	41		10	135
			2-Nitrophenol-d4	40	13.85	35		10	120
			2,4-Dichlorophenol-d3	40	15.75	39		10	140
			4-Chloroaniline-d4	40	16.09	40		1	145
			Dimethylphthalate-d6	40	18.42	46		10	145
			Acenaphthylene-d8	40	17.85	45		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	19.06	48		20	140
			4,6-Dinitro-2-methylphenol-d2	40	4.91	12		10	130
			Anthracene-d10	40	19.45	49		10	150
			Pyrene-d10	40	23.26	58		10	130
			Benzo(a)pyrene-d12	40	17.88	45		10	140
P3878-11DL	DCVY9DL	BM047504.D	1,4-Dioxane-d8	8	2.79	35		15	120
			Pyridine-d5	40	10.66	27		20	120
			Phenol-d5	40	13.45	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.18	38		10	150
			2-Chlorophenol-d4	40	13.46	34		15	120
			4-Methylphenol-d8	40	15.99	40		10	140
			Nitrobenzene-d5	40	14.40	36		10	135
			2-Nitrophenol-d4	40	11.72	29		10	120
			2,4-Dichlorophenol-d3	40	13.86	35		10	140
			4-Chloroaniline-d4	40	14.21	36		1	145
			Dimethylphthalate-d6	40	16.41	41		10	145
			Acenaphthylene-d8	40	15.87	40		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	17.46	44		20	140
			4,6-Dinitro-2-methylphenol-d2	40	7.58	19		10	130
			Anthracene-d10	40	17.47	44		10	150
			Pyrene-d10	40	20.20	50		10	130
			Benzo(a)pyrene-d12	40	16.32	41		10	140
P3878-11DL2	DCVY9DL2	BM047507.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	11.34	28		20	120
			Phenol-d5	40	13.71	34		10	130
			Bis(2-Chloroethyl)ether-d8	40	15.81	40		10	150
			2-Chlorophenol-d4	40	14.85	37		15	120
			4-Methylphenol-d8	40	16.50	41		10	140
			Nitrobenzene-d5	40	15.30	38		10	135
			2-Nitrophenol-d4	40	11.97	30		10	120

Surrogate Summary

SW-846

SDG No.: BM091224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3878-11DL2	DCVY9DL2	BM047507.D	2,4-Dichlorophenol-d3	40	13.44	34		10	140
			4-Chloroaniline-d4	40	14.73	37		1	145
			Dimethylphthalate-d6	40	17.46	44		10	145
			Acenaphthylene-d8	40	16.23	41		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	18.69	47		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.96	17		10	130
			Anthracene-d10	40	18.24	46		10	150
			Pyrene-d10	40	21.93	55		10	130
			Benzo(a)pyrene-d12	40	15.87	40		10	140
P3878-13DL	DCVZ1DL	BM047505.D	1,4-Dioxane-d8	8	3.87	48		15	120
			Pyridine-d5	40	14.69	37		20	120
			Phenol-d5	40	21.89	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.58	81		10	150
			2-Chlorophenol-d4	40	22.93	57		15	120
			4-Methylphenol-d8	40	38.38	96		10	140
			Nitrobenzene-d5	40	22.24	56		10	135
			2-Nitrophenol-d4	40	19.70	49		10	120
			2,4-Dichlorophenol-d3	40	21.62	54		10	140
			4-Chloroaniline-d4	40	29.43	74		1	145
			Dimethylphthalate-d6	40	23.70	59		10	145
			Acenaphthylene-d8	40	23.59	59		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	24.07	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.61	29		10	130
			Anthracene-d10	40	24.96	62		10	150
			Pyrene-d10	40	28.57	71		10	130
			Benzo(a)pyrene-d12	40	23.00	57		10	140
P3878-18DL	DDCC1DL	BM047501.D	Pyridine-d5	40	10.07	25		20	120
			1,4-Dioxane-d8	8	3.83	48		15	120
			Phenol-d5	40	23.48	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	26.81	67		10	150
			2-Chlorophenol-d4	40	24.93	62		15	120
			4-Methylphenol-d8	40	30.96	77		10	140
			Nitrobenzene-d5	40	24.11	60		10	135
			2-Nitrophenol-d4	40	21.42	54		10	120
			2,4-Dichlorophenol-d3	40	24.18	60		10	140
			4-Chloroaniline-d4	40	0.00	0	*	1	145
			Dimethylphthalate-d6	40	29.24	73		10	145
			Acenaphthylene-d8	40	29.01	73		15	120
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	29.84	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.24	28		10	130
			Anthracene-d10	40	31.15	78		10	150
			Pyrene-d10	40	36.89	92		10	130
			Benzo(a)pyrene-d12	40	30.45	76		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM091224

Lab Code: CHEM

SAS No.: BM091224 SDG NO.: BM091224

Lab File ID: BM047496.D

DFTPP Injection Date: 09/12/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:06

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	36.6
68	Less than 2.0% of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	42.5
70	Less than 2.0% of mass 69	0.2 (0.4) 1
127	10.0 - 80.0% of mass 198	52.1
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	23.3
365	Greater than 1% of mass 198	2.7
441	Present, but less than mass 443	9
442	Greater than 50% of mass 198	55.2
443	15.0 - 24.0% of mass 442	10.7 (19.4) 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
SSTD020143	SSTDCCC020	BM047497.D	09/12/2024	10:10
SBLK242	PB163242BL	BM047498.D	09/12/2024	10:50
MDL-WATER-QT3-2024-06	P3391-02	BM047499.D	09/12/2024	11:29
DDC47DL2	P3878-03DL2	BM047500.D	09/12/2024	12:30
DDCC1DL	P3878-18DL	BM047501.D	09/12/2024	13:19
DCVY6DL	P3878-08DL	BM047502.D	09/12/2024	14:01
DCVY8DL	P3878-10DL	BM047503.D	09/12/2024	14:41
DCVY9DL	P3878-11DL	BM047504.D	09/12/2024	15:20
DCVZ1DL	P3878-13DL	BM047505.D	09/12/2024	16:00
DCVY6DL2	P3878-08DL2	BM047506.D	09/12/2024	16:49
DCVY9DL2	P3878-11DL2	BM047507.D	09/12/2024	17:28
SSTD020144	SSTDCCC020EC	BM047508.D	09/12/2024	18:47