

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM060324 SAS No.: BM060324 SDG No.: BM060324

Instrument ID: BNA_M Calibration Date/Time: 6/3/2024 12:08:56

Lab File ID: BM045797.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020109 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.571	0.585	0.010	2.3865	40.0
Benzaldehyde	0.799	0.835	0.010	4.4899	40.0
Pyridine	1.364	1.360	0.010	-0.2834	40.0
Phenol	1.762	1.804	0.080	2.4066	20.0
Bis(2-Chloroethyl)ether	1.471	1.544	0.100	4.9854	20.0
2-Chlorophenol	1.337	1.416	0.200	5.9207	20.0
2-Methylphenol	1.290	1.315	0.010	1.9343	20.0
2,2-oxybis(1-Chloropropane)	2.897	3.136	0.010	8.2474	40.0
Acetophenone	2.139	2.284	0.060	6.755	20.0
4-Methylphenol	1.335	1.426	0.010	6.8402	20.0
N-Nitroso-di-n-propylamine	1.182	1.270	0.050	7.4052	30.0
Hexachloroethane	0.642	0.687	0.100	6.9244	20.0
Nitrobenzene	0.438	0.480	0.050	9.6346	25.0
Isophorone	0.773	0.829	0.050	7.2113	25.0
2-Nitrophenol	0.173	0.191	0.050	10.2949	25.0
2,4-Dimethylphenol	0.351	0.381	0.050	8.6294	25.0
Bis(2-Chloroethoxy)methane	0.469	0.497	0.050	5.8634	20.0
2,4-Dichlorophenol	0.296	0.320	0.060	8.1476	20.0
Naphthalene	1.066	1.144	0.200	7.2792	20.0
4-Chloroaniline	0.401	0.420	0.010	4.6263	40.0
Hexachlorobutadiene	0.203	0.212	0.040	4.8795	30.0
Caprolactam	0.083	0.083	0.010	-0.0492	40.0
4-Chloro-3-methylphenol	0.321	0.348	0.040	8.6318	25.0
1-Methylnaphthalene	0.706	0.763	0.100	8.0866	20.0
2-Methylnaphthalene	0.706	0.757	0.100	7.1619	20.0
Hexachlorocyclopentadiene	0.364	0.347	0.010	-4.5123	40.0
2,4,6-Trichlorophenol	0.348	0.357	0.090	2.4548	25.0
2,4,5-Trichlorophenol	0.378	0.385	0.100	1.8974	25.0
1,1-Biphenyl	1.484	1.532	0.200	3.2166	20.0
2-Chloronaphthalene	1.163	1.199	0.300	3.0927	20.0
2-Nitroaniline	0.397	0.427	0.050	7.5562	40.0
Dimethylphthalate	1.406	1.461	0.300	3.8947	20.0
2,6-Dinitrotoluene	0.270	0.279	0.080	3.1235	30.0
Acenaphthylene	1.861	1.963	0.400	5.476	20.0
3-Nitroaniline	0.248	0.238	0.010	-4.1639	40.0
Acenaphthene	1.242	1.327	0.200	6.8266	20.0
2,4-Dinitrophenol	0.123	0.083	0.010	-32.4398	40.0
4-Nitrophenol	0.247	0.259	0.010	5.2585	40.0
Dibenzofuran	1.675	1.778	0.300	6.1685	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
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Instrument ID: BNA_M Calibration Date/Time: 6/3/2024 12:08:56
Lab File ID: BM045797.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020109 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.374	0.399	0.070	6.6083	30.0
Diethylphthalate	1.408	1.507	0.300	7.0506	20.0
Fluorene	1.349	1.453	0.200	7.6657	20.0
4-Chlorophenyl-phenylether	0.670	0.708	0.100	5.6567	20.0
4-Nitroaniline	0.206	0.196	0.010	-5.0004	40.0
4,6-Dinitro-2-methylphenol	0.112	0.109	0.010	-3.2035	40.0
N-Nitrosodiphenylamine	0.567	0.620	0.050	9.4438	20.0
1,2,4,5-Tetrachlorobenzene	0.599	0.605	0.100	0.9506	20.0
4-Bromophenyl-phenylether	0.209	0.225	0.070	7.8032	20.0
Hexachlorobenzene	0.231	0.242	0.050	5.0896	25.0
Atrazine	0.172	0.169	0.010	-1.6931	25.0
Pentachlorophenol	0.117	0.109	0.010	-7.1689	40.0
Phenanthrene	1.054	1.137	0.200	7.8564	20.0
Pentachlorobenzene	0.290	0.306	0.050	5.6462	20.0
Anthracene	1.053	1.158	0.200	9.9685	20.0
1,2,3,4-Tetrachlorobenzene	0.310	0.317	0.050	2.2033	20.0
Carbazole	0.898	0.988	0.050	10.0256	40.0
Di-n-butylphthalate	1.181	1.301	0.500	10.1257	25.0
Fluoranthene	1.508	1.584	0.400	5.066	25.0
Pyrene	1.549	1.643	0.400	6.0244	25.0
Butylbenzylphthalate	0.631	0.670	0.100	6.0952	40.0
3,3-Dichlorobenzidine	0.395	0.397	0.010	0.5551	40.0
Benzo (a) anthracene	1.381	1.438	0.300	4.117	30.0
Chrysene	1.278	1.341	0.200	4.9347	30.0
Bis(2-ethylhexyl)phthalate	0.938	0.998	0.200	6.4356	40.0
Di-n-octyl phthalate	1.530	1.516	0.010	-0.8703	40.0
Benzo (b) fluoranthene	1.229	1.294	0.200	5.3078	25.0
Benzo (k) fluoranthene	1.201	1.246	0.200	3.7986	25.0
Benzo (a) pyrene	1.080	1.145	0.200	6.059	20.0
Indeno (1,2,3-cd) pyrene	1.179	1.232	0.200	4.4133	25.0
Dibenzo (a,h) anthracene	0.933	0.959	0.200	2.7833	30.0
Benzo (g,h,i) perylene	1.039	1.093	0.200	5.1856	30.0
2,3,4,6-Tetrachlorophenol	0.286	0.297	0.040	4.0277	20.0
1,4-Dioxane-d8	0.516	0.554	0.010	7.4829	25.0
Pyridine-d5	1.328	1.207	0.010	-9.1287	40.0
Phenol-d5	1.699	1.726	0.010	1.5619	25.0
Bis- (2-Chloroethyl) ether-d8	1.220	1.320	0.050	8.2023	25.0
2-Chlorophenol-d4	1.269	1.337	0.200	5.3717	20.0
4-Methylphenol-d8	1.284	1.342	0.010	4.5651	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM060324 SAS No.: BM060324 SDG No.: BM060324

Instrument ID: BNA_M Calibration Date/Time: 6/3/2024 12:08:56

Lab File ID: BM045797.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020109 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.156	0.163	0.050	4.2777	20.0
2-Nitrophenol-d4	0.158	0.169	0.050	6.8829	30.0
2,4-Dichlorophenol-d3	0.297	0.319	0.060	7.4485	20.0
4-Chloroaniline-d4	0.411	0.432	0.010	5.0746	40.0
Dimethylphthalate-d6	1.385	1.423	0.300	2.7739	20.0
Acenaphthylene-d8	1.608	1.676	0.400	4.2557	20.0
4-Nitrophenol-d4	0.299	0.298	0.010	-0.281	40.0
Fluorene-d10	1.181	1.244	0.100	5.3574	20.0
4,6-Dinitro-2-methylphenol-d2	0.102	0.096	0.010	-6.105	40.0
Anthracene-d10	0.869	0.951	0.300	9.4253	20.0
Pyrene-d10	1.244	1.299	0.300	4.4293	25.0
Benzo(a)pyrene-d12	0.935	0.985	0.010	5.3724	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.: BM060324 SAS No.: BM060324 SDG No.: BM060324

Instrument ID: BNA_M Calibration Date/Time: 6/3/2024 12:17:48

Lab File ID: BM045809.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020110 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.571	0.603	0.010	5.6074	50.0
Benzaldehyde	0.799	0.910	0.010	13.9053	50.0
Pyridine	1.364	1.378	0.010	0.9834	50.0
Phenol	1.762	1.884	0.080	6.9475	50.0
Bis(2-Chloroethyl)ether	1.471	1.586	0.100	7.8366	50.0
2-Chlorophenol	1.337	1.447	0.200	8.2502	50.0
2-Methylphenol	1.290	1.385	0.010	7.3498	50.0
2,2-oxybis(1-Chloropropane)	2.897	3.321	0.010	14.6539	50.0
Acetophenone	2.139	2.431	0.060	13.6174	50.0
4-Methylphenol	1.335	1.520	0.010	13.8636	50.0
N-Nitroso-di-n-propylamine	1.182	1.384	0.050	17.0533	50.0
Hexachloroethane	0.642	0.676	0.100	5.2954	50.0
Nitrobenzene	0.438	0.473	0.050	8.0465	50.0
Isophorone	0.773	0.847	0.050	9.5896	50.0
2-Nitrophenol	0.173	0.185	0.050	6.8396	50.0
2,4-Dimethylphenol	0.351	0.382	0.050	8.8523	50.0
Bis(2-Chloroethoxy)methane	0.469	0.505	0.050	7.6366	50.0
2,4-Dichlorophenol	0.296	0.314	0.060	6.2302	50.0
Naphthalene	1.066	1.138	0.200	6.6666	50.0
4-Chloroaniline	0.401	0.433	0.010	7.7464	50.0
Hexachlorobutadiene	0.203	0.204	0.040	0.5488	50.0
Caprolactam	0.083	0.085	0.010	2.0366	50.0
4-Chloro-3-methylphenol	0.321	0.355	0.040	10.5923	50.0
1-Methylnaphthalene	0.706	0.759	0.100	7.5187	50.0
2-Methylnaphthalene	0.706	0.756	0.100	7.0943	50.0
Hexachlorocyclopentadiene	0.364	0.340	0.010	-6.5696	50.0
2,4,6-Trichlorophenol	0.348	0.364	0.090	4.3282	50.0
2,4,5-Trichlorophenol	0.378	0.394	0.100	4.1984	50.0
1,1-Biphenyl	1.484	1.565	0.200	5.4755	50.0
2-Chloronaphthalene	1.163	1.198	0.300	3.0298	50.0
2-Nitroaniline	0.397	0.445	0.050	11.9587	50.0
Dimethylphthalate	1.406	1.484	0.300	5.5373	50.0
2,6-Dinitrotoluene	0.270	0.288	0.080	6.5473	50.0
Acenaphthylene	1.861	1.987	0.400	6.7818	50.0
3-Nitroaniline	0.248	0.261	0.010	4.9318	50.0
Acenaphthene	1.242	1.340	0.200	7.9219	50.0
2,4-Dinitrophenol	0.123	0.048	0.010	-60.9799	50.0
4-Nitrophenol	0.247	0.259	0.010	4.9478	50.0
Dibenzofuran	1.675	1.798	0.300	7.3653	50.0

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Instrument ID: BNA_M Calibration Date/Time: 6/3/2024 12:17:48

Lab File ID: BM045809.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020110 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.374	0.403	0.070	7.7172	50.0
Diethylphthalate	1.408	1.512	0.300	7.3683	50.0
Fluorene	1.349	1.480	0.200	9.7158	50.0
4-Chlorophenyl-phenylether	0.670	0.712	0.100	6.2842	50.0
4-Nitroaniline	0.206	0.207	0.010	0.3297	50.0
4,6-Dinitro-2-methylphenol	0.112	0.083	0.010	-26.0506	50.0
N-Nitrosodiphenylamine	0.567	0.623	0.050	9.9758	50.0
1,2,4,5-Tetrachlorobenzene	0.599	0.606	0.100	1.2403	50.0
4-Bromophenyl-phenylether	0.209	0.223	0.070	6.874	50.0
Hexachlorobenzene	0.231	0.245	0.050	6.1356	50.0
Atrazine	0.172	0.167	0.010	-2.5098	50.0
Pentachlorophenol	0.117	0.100	0.010	-14.2263	50.0
Phenanthrene	1.054	1.127	0.200	6.9237	50.0
Pentachlorobenzene	0.290	0.306	0.050	5.3908	50.0
Anthracene	1.053	1.143	0.200	8.5935	50.0
1,2,3,4-Tetrachlorobenzene	0.310	0.312	0.050	0.5146	50.0
Carbazole	0.898	0.970	0.050	7.9669	50.0
Di-n-butylphthalate	1.181	1.242	0.500	5.1864	50.0
Fluoranthene	1.508	1.713	0.400	13.6217	50.0
Pyrene	1.549	1.731	0.400	11.7416	50.0
Butylbenzylphthalate	0.631	0.679	0.100	7.5818	50.0
3,3-Dichlorobenzidine	0.395	0.396	0.010	0.2618	50.0
Benzo (a) anthracene	1.381	1.452	0.300	5.1404	50.0
Chrysene	1.278	1.335	0.200	4.4759	50.0
Bis(2-ethylhexyl)phthalate	0.938	0.976	0.200	4.0208	50.0
Di-n-octyl phthalate	1.530	1.504	0.010	-1.673	50.0
Benzo (b) fluoranthene	1.229	1.269	0.200	3.2424	50.0
Benzo (k) fluoranthene	1.201	1.295	0.200	7.8725	50.0
Benzo (a) pyrene	1.080	1.129	0.200	4.5584	50.0
Indeno (1,2,3-cd) pyrene	1.179	1.186	0.200	0.5827	50.0
Dibenzo (a,h) anthracene	0.933	0.914	0.200	-2.0628	50.0
Benzo (g,h,i) perylene	1.039	1.059	0.200	1.9593	50.0
2,3,4,6-Tetrachlorophenol	0.286	0.301	0.040	5.2405	50.0
1,4-Dioxane-d8	0.516	0.549	0.010	6.3413	50.0
Pyridine-d5	1.328	1.333	0.010	0.3531	50.0
Phenol-d5	1.699	1.809	0.010	6.4821	50.0
Bis- (2-Chloroethyl) ether-d8	1.220	1.374	0.050	12.6259	50.0
2-Chlorophenol-d4	1.269	1.333	0.200	5.0371	50.0
4-Methylphenol-d8	1.284	1.405	0.010	9.4851	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

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Instrument ID: BNA_M Calibration Date/Time: 6/3/2024 12:17:48

Lab File ID: BM045809.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020110 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.156	0.162	0.050	3.7518	50.0
2-Nitrophenol-d4	0.158	0.161	0.050	1.6723	50.0
2,4-Dichlorophenol-d3	0.297	0.315	0.060	6.1412	50.0
4-Chloroaniline-d4	0.411	0.439	0.010	6.8879	50.0
Dimethylphthalate-d6	1.385	1.451	0.300	4.796	50.0
Acenaphthylene-d8	1.608	1.697	0.400	5.5557	50.0
4-Nitrophenol-d4	0.299	0.300	0.010	0.2443	50.0
Fluorene-d10	1.181	1.268	0.100	7.3494	50.0
4,6-Dinitro-2-methylphenol-d2	0.102	0.073	0.010	-28.3976	50.0
Anthracene-d10	0.869	0.938	0.300	7.8529	50.0
Pyrene-d10	1.244	1.380	0.300	10.9281	50.0
Benzo(a)pyrene-d12	0.935	0.984	0.010	5.2266	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK893	SDG No.:	BM060324
Lab Sample ID:	PB160893BL	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
BM045798.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160893

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:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK893	SDG No.:	BM060324
Lab Sample ID:	PB160893BL	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
BM045798.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160893

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:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK893	SDG No.:	BM060324
Lab Sample ID:	PB160893BL	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
BM045798.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160893

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	5.435		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	25.132		20-120		63	SPK: -40
4165-62-2	Phenol-d5	29.351		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.916		25-120		77	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.213		20-130		78	SPK: -40
190780-66-6	4-Methylphenol-d8	29.767		25-125		74	SPK: -40
4165-60-0	Nitrobenzene-d5	30.507		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.127		20-130		75	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.755		20-120		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.603		1-146		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.319		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	30.817		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.554		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	30.985		25-125		77	SPK: -40

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK893	SDG No.:	BM060324
Lab Sample ID:	PB160893BL	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
BM045798.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160893

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.477		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	31.661		25-130		79	SPK: -40
1718-52-1	Pyrene-d10	32.735		15-130		82	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.536		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	233865	7.469				
1146-65-2	Naphthalene-d8	944264	10.239				
15067-26-2	Acenaphthene-d10	559725	14.11				
1517-22-2	Phenanthrene-d10	1042740	16.856				
1719-03-5	Chrysene-d12	761062	21.068				
1520-96-3	Perylene-d12	777627	23.791				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT2-2024-03	SDG No.:	BM060324
Lab Sample ID:	P2409-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045799.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160893

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.9	J	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	6.7	J	2.5	5	10	ug/L
110-86-1	Pyridine	4.5	J	1.4	10	10	ug/L
108-95-2	Phenol	4.8	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	4.8	J	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	4	J	1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.8	J	1.4	5	10	ug/L
98-86-2	Acetophenone	4.7	J	1.5	5	10	ug/L
106-44-5	4-Methylphenol	4.4	J	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	4.5	J	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	4.7	J	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	4.9	J	1.4	2.5	5	ug/L
78-59-1	Isophorone	4.3	J	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	4.7	J	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	2.2	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	4.5	J	1.5	2.5	5	ug/L
91-20-3	Naphthalene	4.7	J	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	4.5	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	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	4.2	J	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	4.7	J	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	4.7	J	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	3.7	J	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	3.9	J	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT2-2024-03	SDG No.:	BM060324
Lab Sample ID:	P2409-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045799.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160893

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4.7	J	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4.6	J	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	4.2	J	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	4.8	J	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	4	J	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	4.8	J	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	4	J	0.84	5	10	ug/L
83-32-9	Acenaphthene	4.7	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	5.4	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	4.9	J	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	4.6	J	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	4.9	J	1.5	2.5	5	ug/L
86-73-7	Fluorene	5		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.8	J	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	5.4	J	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.4	J	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	4.5	J	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.6	J	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.4	J	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	4.6	J	1.6	2.5	5	ug/L
1912-24-9	Atrazine	5.4	J	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	7	J	3.6	5	10	ug/L
85-01-8	Phenanthrene	4.7	J	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	4.6	J	1.5	2.5	5	ug/L
120-12-7	Anthracene	4.3	J	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4	J	1.2	2.5	5	ug/L
86-74-8	Carbazole	4.7	J	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	4.5	J	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	4.2	J	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT2-2024-03	SDG No.:	BM060324
Lab Sample ID:	P2409-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045799.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160893

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4.4	J	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	4	J	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3.3	J	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	4.5	J	1.4	2.5	5	ug/L
218-01-9	Chrysene	4.6	J	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4	J	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	3.7	J	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.4	J	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.7	J	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	4.6	J	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.7	J	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.5	J	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	4.6	J	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.1	J	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.181		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	23.322		20-120		58	SPK: -40
4165-62-2	Phenol-d5	24.497		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.832		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.706		20-130		62	SPK: -40
190780-66-6	4-Methylphenol-d8	22.984		25-125		57	SPK: -40
4165-60-0	Nitrobenzene-d5	25.068		20-125		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.284		20-130		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.38		20-120		58	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.399		1-146		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.766		25-130		62	SPK: -40
93951-97-4	Acenaphthylene-d8	24.063		10-130		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.212		10-150		48	SPK: -40
81103-79-9	Fluorene-d10	25.39		25-125		63	SPK: -40

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT2-2024-03	SDG No.:	BM060324
Lab Sample ID:	P2409-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045799.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160893

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.127		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	22.193		25-130		55	SPK: -40
1718-52-1	Pyrene-d10	22.628		15-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.529		20-130		61	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	201553	7.469				
1146-65-2	Naphthalene-d8	812523	10.239				
15067-26-2	Acenaphthene-d10	501260	14.11				
1517-22-2	Phenanthrene-d10	1046165	16.857				
1719-03-5	Chrysene-d12	922358	21.068				
1520-96-3	Perylene-d12	1010754	23.791				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT2-2024-03	SDG No.:	BM060324
Lab Sample ID:	P2409-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM045800.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	37	J	13	6.6	66	ug/Kg
100-52-7	Benzaldehyde	230	J	75	82.2	330	ug/Kg
110-86-1	Pyridine	150	J	43	160	330	ug/Kg
108-95-2	Phenol	150	J	35	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	160	J	34	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	150	J	28	42.4	170	ug/Kg
95-48-7	2-Methylphenol	130	J	30	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	160	J	27	82.2	330	ug/Kg
98-86-2	Acetophenone	160	J	38	82.2	330	ug/Kg
106-44-5	4-Methylphenol	150	J	32	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	160	J	29	42.4	170	ug/Kg
67-72-1	Hexachloroethane	150	J	23	42.4	170	ug/Kg
98-95-3	Nitrobenzene	160	J	36	42.4	170	ug/Kg
78-59-1	Isophorone	150	J	34	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	160	J	32	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	72	J	28	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	150	J	38	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	160	J	39	42.4	170	ug/Kg
91-20-3	Naphthalene	160	J	34	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	150	J	43	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	150	J	34	42.4	170	ug/Kg
105-60-2	Caprolactam	150	J	120	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	140	J	28	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	160	J	41	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	160	J	37	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	110	J	79	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	J	43	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	J	42	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT2-2024-03	SDG No.:	BM060324
Lab Sample ID:	P2409-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM045800.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	160	J	48	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	160	J	45	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	140	J	22	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	160	J	42	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	J	21	42.4	170	ug/Kg
208-96-8	Acenaphthylene	160	J	43	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	140	J	20	82.2	330	ug/Kg
83-32-9	Acenaphthene	160	J	41	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	190	J	120	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	170	J	41	82.2	330	ug/Kg
132-64-9	Dibenzofuran	160	J	46	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	J	27	42.4	170	ug/Kg
84-66-2	Diethylphthalate	160	J	60	42.4	170	ug/Kg
86-73-7	Fluorene	160	J	45	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	160	J	47	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	160	J	42	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	J	16	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	150	J	42	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	J	51	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	J	45	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	150	J	50	42.4	170	ug/Kg
1912-24-9	Atrazine	180	J	39	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	240	J	87	82.2	330	ug/Kg
85-01-8	Phenanthrene	160	J	44	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	160	J	51	42.4	170	ug/Kg
120-12-7	Anthracene	140	J	43	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	140	J	33	42.4	170	ug/Kg
86-74-8	Carbazole	150	J	45	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	150	J	42	42.4	170	ug/Kg
206-44-0	Fluoranthene	150	J	44	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT2-2024-03	SDG No.:	BM060324
Lab Sample ID:	P2409-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM045800.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	J	44	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	130	J	32	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	J	23	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	39	42.4	170	ug/Kg
218-01-9	Chrysene	150	J	45	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	J	44	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	130	J	34	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	42	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	45	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	42	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	37	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	37	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	J	35	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	J	37	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.914		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	23.533		20-120		59	SPK: -40
4165-62-2	Phenol-d5	24.693		10-130		62	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.912		10-150		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.708		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	22.602		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	25.291		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.608		10-120		62	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.703		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.389		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.086		10-145		63	SPK: -40
93951-97-4	Acenaphthylene-d8	24.453		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.805		10-150		47	SPK: -40
81103-79-9	Fluorene-d10	25.072		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT2-2024-03	SDG No.:	BM060324
Lab Sample ID:	P2409-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
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
BM045800.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.052		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	22.009		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	23.527		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	24.984		10-140		62	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	245254	7.469				
1146-65-2	Naphthalene-d8	976221	10.234				
15067-26-2	Acenaphthene-d10	582135	14.11				
1517-22-2	Phenanthrene-d10	1168323	16.857				
1719-03-5	Chrysene-d12	950006	21.068				
1520-96-3	Perylene-d12	976709	23.792				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT2-2024-03	SDG No.:	BM060324
Lab Sample ID:	P2409-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045801.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1000	J	370	190	1900	ug/Kg
100-52-7	Benzaldehyde	6400	J	2100	2400	9500	ug/Kg
110-86-1	Pyridine	3900	J	1200	4700	9500	ug/Kg
108-95-2	Phenol	4400	J	950	2400	9500	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4500	J	880	2400	9500	ug/Kg
95-57-8	2-Chlorophenol	4400	J	840	1200	4800	ug/Kg
95-48-7	2-Methylphenol	3900	J	900	2400	9500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	4700	J	730	2400	9500	ug/Kg
98-86-2	Acetophenone	4500	J	1000	2400	9500	ug/Kg
106-44-5	4-Methylphenol	4300	J	830	2400	9500	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4400	J	720	1200	4800	ug/Kg
67-72-1	Hexachloroethane	4400	J	550	1200	4800	ug/Kg
98-95-3	Nitrobenzene	4600	J	900	1200	4800	ug/Kg
78-59-1	Isophorone	4200	J	870	1200	4800	ug/Kg
88-75-5	2-Nitrophenol	4400	J	1000	1200	4800	ug/Kg
105-67-9	2,4-Dimethylphenol	2000	J	810	1200	4800	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4300	J	1000	1200	4800	ug/Kg
120-83-2	2,4-Dichlorophenol	4400	J	1200	1200	4800	ug/Kg
91-20-3	Naphthalene	4500	J	920	1200	4800	ug/Kg
106-47-8	4-Chloroaniline	4300	J	1200	1200	9500	ug/Kg
87-68-3	Hexachlorobutadiene	4300	J	1000	1200	4800	ug/Kg
105-60-2	Caprolactam	3800	J	2600	2400	9500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4000	J	850	1200	4800	ug/Kg
90-12-0	1-Methylnaphthalene	4500	J	1100	1200	4800	ug/Kg
91-57-6	2-Methylnaphthalene	4500	J	1100	1200	4800	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3300	J	2300	2400	9500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3700	J	1100	1200	4800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4100	J	1300	1200	4800	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT2-2024-03	SDG No.:	BM060324
Lab Sample ID:	P2409-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045801.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4600	J	1300	1200	4800	ug/Kg
91-58-7	2-Chloronaphthalene	4500	J	1300	1200	4800	ug/Kg
88-74-4	2-Nitroaniline	4000	J	650	1200	4800	ug/Kg
131-11-3	Dimethylphthalate	4400	J	1200	1200	4800	ug/Kg
606-20-2	2,6-Dinitrotoluene	3900	J	700	1200	4800	ug/Kg
208-96-8	Acenaphthylene	4500	J	1300	1200	4800	ug/Kg
99-09-2	3-Nitroaniline	3800	J	650	2400	9500	ug/Kg
83-32-9	Acenaphthene	4600	J	1200	1200	4800	ug/Kg
51-28-5	2,4-Dinitrophenol	5600	J	2900	2400	9500	ug/Kg
100-02-7	4-Nitrophenol	4700	J	1200	2400	9500	ug/Kg
132-64-9	Dibenzofuran	4600	J	1300	1200	4800	ug/Kg
121-14-2	2,4-Dinitrotoluene	4100	J	840	1200	4800	ug/Kg
84-66-2	Diethylphthalate	4300	J	1700	1200	4800	ug/Kg
86-73-7	Fluorene	4500	J	1300	1200	4800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4500	J	1500	1200	4800	ug/Kg
100-01-6	4-Nitroaniline	4500	J	1000	2400	9500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4100	J	460	2400	9500	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4400	J	1200	1200	4800	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4500	J	1400	1200	4800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4300	J	1200	1200	4800	ug/Kg
118-74-1	Hexachlorobenzene	4400	J	1400	1200	4800	ug/Kg
1912-24-9	Atrazine	4900	J	890	2400	9500	ug/Kg
87-86-5	Pentachlorophenol	6700	J	2400	2400	9500	ug/Kg
85-01-8	Phenanthrene	4400	J	1300	1200	4800	ug/Kg
608-93-5	Pentachlorobenzene	4700	J	1500	1200	4800	ug/Kg
120-12-7	Anthracene	4000	J	1300	1200	4800	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	4300	J	1000	1200	4800	ug/Kg
86-74-8	Carbazole	4300	J	1400	2400	9500	ug/Kg
84-74-2	Di-n-butylphthalate	4100	J	1300	1200	4800	ug/Kg
206-44-0	Fluoranthene	4400	J	1200	2400	4800	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT2-2024-03	SDG No.:	BM060324
Lab Sample ID:	P2409-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045801.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4500	J	1300	1200	4800	ug/Kg
85-68-7	Butylbenzylphthalate	3800	J	1000	1200	4800	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3100	J	700	2400	9500	ug/Kg
56-55-3	Benzo(a)anthracene	4300	J	1200	1200	4800	ug/Kg
218-01-9	Chrysene	4300	J	1300	1200	4800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3800	J	1400	1200	4800	ug/Kg
117-84-0	Di-n-octyl phthalate	3700	J	1000	2400	9500	ug/Kg
205-99-2	Benzo(b)fluoranthene	4400	J	1200	1200	4800	ug/Kg
207-08-9	Benzo(k)fluoranthene	4400	J	1500	1200	4800	ug/Kg
50-32-8	Benzo(a)pyrene	4200	J	1400	1200	4800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4300	J	1100	1200	4800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4300	J	1200	1200	4800	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4500	J	1200	1200	4800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3900	J	1100	1200	4800	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.139		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	22.775		20-120		57	SPK: -40
4165-62-2	Phenol-d5	24.54		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.094		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.953		15-120		62	SPK: -40
190780-66-6	4-Methylphenol-d8	23.259		10-140		58	SPK: -40
4165-60-0	Nitrobenzene-d5	25.194		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.544		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.504		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.094		1-145		58	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.64		10-145		62	SPK: -40
93951-97-4	Acenaphthylene-d8	24.596		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.87		10-150		45	SPK: -40
81103-79-9	Fluorene-d10	24.648		20-140		62	SPK: -40

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT2-2024-03	SDG No.:	BM060324
Lab Sample ID:	P2409-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.05 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045801.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.506		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	22.068		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	24.365		10-130		61	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.254		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	265464	7.469				
1146-65-2	Naphthalene-d8	1076808	10.233				
15067-26-2	Acenaphthene-d10	634753	14.11				
1517-22-2	Phenanthrene-d10	1207328	16.857				
1719-03-5	Chrysene-d12	901565	21.068				
1520-96-3	Perylene-d12	900686	23.791				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1300	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK896	SDG No.:	BM060324
Lab Sample ID:	PB160896BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045802.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160896

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

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK896	SDG No.:	BM060324
Lab Sample ID:	PB160896BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045802.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160896

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

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK896	SDG No.:	BM060324
Lab Sample ID:	PB160896BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045802.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.789		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	25.036		20-120		63	SPK: -40
4165-62-2	Phenol-d5	28.637		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.125		10-150		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.328		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	28.976		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	29.485		10-135		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.003		10-120		73	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.424		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.415		1-145		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.388		10-145		78	SPK: -40
93951-97-4	Acenaphthylene-d8	29.796		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.557		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	29.905		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK896	SDG No.:	BM060324
Lab Sample ID:	PB160896BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045802.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.104		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	30.283		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	30.654		10-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.863		10-140		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	255882	7.469				
1146-65-2	Naphthalene-d8	1044949	10.239				
15067-26-2	Acenaphthene-d10	617233	14.11				
1517-22-2	Phenanthrene-d10	1172951	16.857				
1719-03-5	Chrysene-d12	906139	21.068				
1520-96-3	Perylene-d12	961550	23.792				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	24.703	92	J		24.703	
E966796	Total Alkanes		92			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK897	SDG No.:	BM060324
Lab Sample ID:	PB160897BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045803.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	380	U	380	190	2000	ug/Kg
100-52-7	Benzaldehyde	2200	U	2200	2400	9800	ug/Kg
110-86-1	Pyridine	1300	U	1300	4900	9800	ug/Kg
108-95-2	Phenol	980	U	980	2400	9800	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	900	U	900	2400	9800	ug/Kg
95-57-8	2-Chlorophenol	860	U	860	1300	4900	ug/Kg
95-48-7	2-Methylphenol	930	U	930	2400	9800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	750	U	750	2400	9800	ug/Kg
98-86-2	Acetophenone	1100	U	1100	2400	9800	ug/Kg
106-44-5	4-Methylphenol	850	U	850	2400	9800	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	750	U	750	1300	4900	ug/Kg
67-72-1	Hexachloroethane	570	U	570	1300	4900	ug/Kg
98-95-3	Nitrobenzene	930	U	930	1300	4900	ug/Kg
78-59-1	Isophorone	890	U	890	1300	4900	ug/Kg
88-75-5	2-Nitrophenol	1100	U	1100	1300	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	830	U	830	1300	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1100	U	1100	1300	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	1300	U	1300	1300	4900	ug/Kg
91-20-3	Naphthalene	950	U	950	1300	4900	ug/Kg
106-47-8	4-Chloroaniline	1300	U	1300	1300	9800	ug/Kg
87-68-3	Hexachlorobutadiene	1100	U	1100	1300	4900	ug/Kg
105-60-2	Caprolactam	2600	U	2600	2400	9800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	870	U	870	1300	4900	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	1300	4900	ug/Kg
91-57-6	2-Methylnaphthalene	1200	U	1200	1300	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2400	U	2400	2400	9800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400	U	1400	1300	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK897	SDG No.:	BM060324
Lab Sample ID:	PB160897BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045803.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1400	U	1400	1300	4900	ug/Kg
91-58-7	2-Chloronaphthalene	1400	U	1400	1300	4900	ug/Kg
88-74-4	2-Nitroaniline	670	U	670	1300	4900	ug/Kg
131-11-3	Dimethylphthalate	1300	U	1300	1300	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	730	U	730	1300	4900	ug/Kg
208-96-8	Acenaphthylene	1400	U	1400	1300	4900	ug/Kg
99-09-2	3-Nitroaniline	670	U	670	2400	9800	ug/Kg
83-32-9	Acenaphthene	1300	U	1300	1300	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	U	2900	2400	9800	ug/Kg
100-02-7	4-Nitrophenol	1300	U	1300	2400	9800	ug/Kg
132-64-9	Dibenzofuran	1400	U	1400	1300	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	860	U	860	1300	4900	ug/Kg
84-66-2	Diethylphthalate	1800	U	1800	1300	4900	ug/Kg
86-73-7	Fluorene	1400	U	1400	1300	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600	U	1600	1300	4900	ug/Kg
100-01-6	4-Nitroaniline	1100	U	1100	2400	9800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	470	U	470	2400	9800	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1300	U	1300	1300	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500	U	1500	1300	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1300	U	1300	1300	4900	ug/Kg
118-74-1	Hexachlorobenzene	1500	U	1500	1300	4900	ug/Kg
1912-24-9	Atrazine	910	U	910	2400	9800	ug/Kg
87-86-5	Pentachlorophenol	2500	U	2500	2400	9800	ug/Kg
85-01-8	Phenanthrene	1400	U	1400	1300	4900	ug/Kg
608-93-5	Pentachlorobenzene	1600	U	1600	1300	4900	ug/Kg
120-12-7	Anthracene	1400	U	1400	1300	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1100	U	1100	1300	4900	ug/Kg
86-74-8	Carbazole	1500	U	1500	2400	9800	ug/Kg
84-74-2	Di-n-butylphthalate	1400	U	1400	1300	4900	ug/Kg
206-44-0	Fluoranthene	1300	U	1300	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK897	SDG No.:	BM060324
Lab Sample ID:	PB160897BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045803.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400	U	1400	1300	4900	ug/Kg
85-68-7	Butylbenzylphthalate	1100	U	1100	1300	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	730	U	730	2400	9800	ug/Kg
56-55-3	Benzo(a)anthracene	1300	U	1300	1300	4900	ug/Kg
218-01-9	Chrysene	1400	U	1400	1300	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500	U	1500	1300	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	1100	U	1100	2400	9800	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300	U	1300	1300	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600	U	1600	1300	4900	ug/Kg
50-32-8	Benzo(a)pyrene	1500	U	1500	1300	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200	U	1200	1300	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	1300	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	U	1300	1300	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200	U	1200	1300	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.462		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	26.706		20-120		67	SPK: -40
4165-62-2	Phenol-d5	29.311		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.176		10-150		78	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.264		15-120		78	SPK: -40
190780-66-6	4-Methylphenol-d8	29.751		10-140		74	SPK: -40
4165-60-0	Nitrobenzene-d5	31.146		10-135		78	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.302		10-120		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.739		10-140		72	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.21		1-145		78	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.145		10-145		80	SPK: -40
93951-97-4	Acenaphthylene-d8	30.563		15-120		76	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.544		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	30.799		20-140		77	SPK: -40

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK897	SDG No.:	BM060324
Lab Sample ID:	PB160897BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045803.D	1	5/13/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.881		10-130		60	SPK: -40
1719-06-8	Anthracene-d10	31.709		10-150		79	SPK: -40
1718-52-1	Pyrene-d10	33.196		10-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.855		10-140		77	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	241350	7.469				
1146-65-2	Naphthalene-d8	979764	10.239				
15067-26-2	Acenaphthene-d10	592505	14.116				
1517-22-2	Phenanthrene-d10	1090020	16.857				
1719-03-5	Chrysene-d12	774092	21.068				
1520-96-3	Perylene-d12	815141	23.791				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	23.021				23.021	
	(DEL) Alkane: Straight-Chain	24.703	J			24.703	
	(DEL) Alkane: Straight-Chain	25.785	J			25.785	
E966796	Total Alkanes	10000				99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	BHBZ5	SDG No.:	BM060324
Lab Sample ID:	P2663-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM045804.D	1	6/1/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161265

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.49	U	0.49	0.51	2	ug/L
100-52-7	Benzaldehyde	2.5	U	2.5	5.1	10	ug/L
110-86-1	Pyridine	1.4	U	1.4	10.1	10	ug/L
108-95-2	Phenol	1.4	U	1.4	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	1.3	U	1.3	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.4	U	1.4	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.4	U	1.4	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.4	U	1.4	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.6	U	1.6	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.99	U	0.99	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.5	U	1.5	2.5	5.1	ug/L
91-20-3	Naphthalene	1.3	U	1.3	2.5	5.1	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	5.1	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	1.3	U	1.3	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.4	U	1.4	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.5	U	1.5	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	BHBZ5	SDG No.:	BM060324
Lab Sample ID:	P2663-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 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
BM045804.D	1	6/1/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161265

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.7	U	1.7	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.5	U	1.5	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.5	U	1.5	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	0.85	U	0.85	5.1	10	ug/L
83-32-9	Acenaphthene	1.5	U	1.5	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	6	U	6	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5.1	10	ug/L
132-64-9	Dibenzofuran	1.5	U	1.5	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.1	U	1.1	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5.1	ug/L
86-73-7	Fluorene	1.5	U	1.5	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.6	U	1.6	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	1.3	U	1.3	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	0.95	U	0.95	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.6	U	1.6	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	1.5	U	1.5	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.6	U	1.6	2.5	5.1	ug/L
1912-24-9	Atrazine	1.6	U	1.6	5.1	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5.1	10	ug/L
85-01-8	Phenanthrene	1.6	U	1.6	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.5	U	1.5	2.5	5.1	ug/L
120-12-7	Anthracene	1.4	U	1.4	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
86-74-8	Carbazole	1.6	U	1.6	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	BHBZ5	SDG No.:	BM060324
Lab Sample ID:	P2663-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 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
BM045804.D	1	6/1/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161265

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5.1	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5.1	ug/L
SURROGATES							
7291-22-7	Pyridine-d5	7.813		20-120		20	SPK: -40
17647-74-4	1,4-Dioxane-d8	4.614		15-120		58	SPK: -8
4165-62-2	Phenol-d5	3.885		10-130		10	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.813		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	14.309		20-130		36	SPK: -40
190780-66-6	4-Methylphenol-d8	10.88		25-125		27	SPK: -40
4165-60-0	Nitrobenzene-d5	31.834		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	1.107	*	20-130		3	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	8.5		20-120		21	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.653		1-146		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	25.486		25-130		64	SPK: -40
93951-97-4	Acenaphthylene-d8	32.432		10-130		81	SPK: -40
93951-79-2	4-Nitrophenol-d4	0.098	*	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	32.787		25-125		82	SPK: -40

Report of Analysis

Client:		Date Collected:	5/30/2024 12:00:00 AM
Project:		Date Received:	5/30/2024 12:00:00 AM
Client Sample ID:	BHBZ5	SDG No.:	BM060324
Lab Sample ID:	P2663-11	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 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
BM045804.D	1	6/1/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161265

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	38.479		25-130		96	SPK: -40
1718-52-1	Pyrene-d10	35.598		15-130		89	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.789		20-130		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	200054	7.469				
1146-65-2	Naphthalene-d8	768257	10.239				
15067-26-2	Acenaphthene-d10	456704	14.115				
1517-22-2	Phenanthrene-d10	875847	16.856				
1719-03-5	Chrysene-d12	717960	21.068				
1520-96-3	Perylene-d12	810591	23.791				
TENTATIVE IDENTIFIED COMPOUNDS							
000112-91-4	9-Octadecenitrile, (Z)-	2.1	J			20.821	
000112-84-5	13-Docosenamide, (Z)-	23	J			22.356	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBZ7	SDG No.:	BM060324
Lab Sample ID:	P2648-10	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
BM045805.D	1	6/1/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161265

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:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBZ7	SDG No.:	BM060324
Lab Sample ID:	P2648-10	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
BM045805.D	1	6/1/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161265

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:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBZ7	SDG No.:	BM060324
Lab Sample ID:	P2648-10	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
BM045805.D	1	6/1/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161265

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	5.543		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	4.711	*	20-120		12	SPK: -40
4165-62-2	Phenol-d5	8.216		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	42.012		25-120		105	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.598		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	20.103		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	42.885		20-125		107	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.43		20-130		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.823		20-120		87	SPK: -40
191656-33-4	4-Chloroaniline-d4	33.808		1-146		85	SPK: -40
85448-30-2	Dimethylphthalate-d6	46.023		25-130		115	SPK: -40
93951-97-4	Acenaphthylene-d8	43.671		10-130		109	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.858		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	44.925		25-125		112	SPK: -40

Report of Analysis

Client:		Date Collected:	5/28/2024 12:00:00 AM
Project:		Date Received:	5/28/2024 12:00:00 AM
Client Sample ID:	BHBZ7	SDG No.:	BM060324
Lab Sample ID:	P2648-10	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
BM045805.D	1	6/1/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161265

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	5.236		10-130		13	SPK: -40
1719-06-8	Anthracene-d10	50.71		25-130		127	SPK: -40
1718-52-1	Pyrene-d10	51.624		15-130		129	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	47.662		20-130		119	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	180030	7.469				
1146-65-2	Naphthalene-d8	726675	10.239				
15067-26-2	Acenaphthene-d10	442686	14.116				
1517-22-2	Phenanthrene-d10	808900	16.857				
1719-03-5	Chrysene-d12	563737	21.068				
1520-96-3	Perylene-d12	581422	23.791				
TENTATIVE IDENTIFIED COMPOUNDS							
000301-02-0	9-Octadecenamide, (Z)-	7.7	J			22.356	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHBZ6	SDG No.:	BM060324
Lab Sample ID:	P2648-20	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
BM045806.D	1	6/1/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161265

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:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHBZ6	SDG No.:	BM060324
Lab Sample ID:	P2648-20	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
BM045806.D	1	6/1/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161265

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:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHBZ6	SDG No.:	BM060324
Lab Sample ID:	P2648-20	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
BM045806.D	1	6/1/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161265

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	4.81		15-120		60	SPK: -8
7291-22-7	Pyridine-d5	4.449	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	7.206		10-130		18	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	38.52		25-120		96	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.381		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	17.21		25-125		43	SPK: -40
4165-60-0	Nitrobenzene-d5	37.768		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.122		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.067		20-120		78	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.652		1-146		72	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.703		25-130		97	SPK: -40
93951-97-4	Acenaphthylene-d8	37.678		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	3.095	*	10-150		8	SPK: -40
81103-79-9	Fluorene-d10	38.159		25-125		95	SPK: -40

Report of Analysis

Client:		Date Collected:	5/29/2024 12:00:00 AM
Project:		Date Received:	5/29/2024 12:00:00 AM
Client Sample ID:	BHBZ6	SDG No.:	BM060324
Lab Sample ID:	P2648-20	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
BM045806.D	1	6/1/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161265

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.379		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	40.645		25-130		102	SPK: -40
1718-52-1	Pyrene-d10	41.515		15-130		104	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.383		20-130		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	204601	7.469				
1146-65-2	Naphthalene-d8	826260	10.239				
15067-26-2	Acenaphthene-d10	506912	14.11				
1517-22-2	Phenanthrene-d10	942341	16.857				
1719-03-5	Chrysene-d12	655761	21.068				
1520-96-3	Perylene-d12	657750	23.791				
TENTATIVE IDENTIFIED COMPOUNDS							
000301-02-0	9-Octadecenamide, (Z)-	3.6	J			22.356	
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/1/2024 12:00:00 AM
Project:		Date Received:	6/1/2024 12:00:00 AM
Client Sample ID:	SLCS265	SDG No.:	BM060324
Lab Sample ID:	PB161265BS	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
BM045807.D	1	6/1/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161265

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13		0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	45		2.5	5	10	ug/L
110-86-1	Pyridine	34		1.4	10	10	ug/L
108-95-2	Phenol	34		1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	32		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	34		1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	33		1.4	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	34		1.4	5	10	ug/L
98-86-2	Acetophenone	34		1.5	5	10	ug/L
106-44-5	4-Methylphenol	35		1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	35		1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	33		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	34		1.4	2.5	5	ug/L
78-59-1	Isophorone	34		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	34		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	34		0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	33		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	35		1.5	2.5	5	ug/L
91-20-3	Naphthalene	33		1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	28		1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	31		1.2	2.5	5	ug/L
105-60-2	Caprolactam	34		4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	35		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	34		1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	34		1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	28		3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	34		1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	33		1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/1/2024 12:00:00 AM
Project:		Date Received:	6/1/2024 12:00:00 AM
Client Sample ID:	SLCS265	SDG No.:	BM060324
Lab Sample ID:	PB161265BS	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
BM045807.D	1	6/1/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161265

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	33		1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	32		1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	36		1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	32		1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	33		1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	32		1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	35		0.84	5	10	ug/L
83-32-9	Acenaphthene	33		1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	11		5.9	5	10	ug/L
100-02-7	4-Nitrophenol	34		1.5	5	10	ug/L
132-64-9	Dibenzofuran	33		1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	34		1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	33		1.5	2.5	5	ug/L
86-73-7	Fluorene	34		1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	33		1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	40		1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	20		0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	35		1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	33		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	33		1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	33		1.6	2.5	5	ug/L
1912-24-9	Atrazine	32		1.6	5	10	ug/L
87-86-5	Pentachlorophenol	30		3.6	5	10	ug/L
85-01-8	Phenanthrene	34		1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	33		1.5	2.5	5	ug/L
120-12-7	Anthracene	33		1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	32		1.2	2.5	5	ug/L
86-74-8	Carbazole	35		1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	35		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	33		1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/1/2024 12:00:00 AM
Project:		Date Received:	6/1/2024 12:00:00 AM
Client Sample ID:	SLCS265	SDG No.:	BM060324
Lab Sample ID:	PB161265BS	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
BM045807.D	1	6/1/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161265

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	34		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	34		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	34		1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	33		1.4	2.5	5	ug/L
218-01-9	Chrysene	33		1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	34		1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	33		1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	33		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	33		1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	30		1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	34		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	32		1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	32		1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	34		1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.976		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	31.127		20-120		78	SPK: -40
4165-62-2	Phenol-d5	32.992		10-130		82	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	33.569		25-120		84	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.639		20-130		87	SPK: -40
190780-66-6	4-Methylphenol-d8	34.187		25-125		85	SPK: -40
4165-60-0	Nitrobenzene-d5	33.488		20-125		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.112		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.056		20-120		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.661		1-146		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.567		25-130		81	SPK: -40
93951-97-4	Acenaphthylene-d8	32.937		10-130		82	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.02		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	32.673		25-125		82	SPK: -40

Report of Analysis

Client:		Date Collected:	6/1/2024 12:00:00 AM
Project:		Date Received:	6/1/2024 12:00:00 AM
Client Sample ID:	SLCS265	SDG No.:	BM060324
Lab Sample ID:	PB161265BS	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
BM045807.D	1	6/1/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161265

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.534		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	34.006		25-130		85	SPK: -40
1718-52-1	Pyrene-d10	33.205		15-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.403		20-130		86	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	206298	7.469				
1146-65-2	Naphthalene-d8	856011	10.233				
15067-26-2	Acenaphthene-d10	532979	14.11				
1517-22-2	Phenanthrene-d10	992242	16.856				
1719-03-5	Chrysene-d12	747961	21.068				
1520-96-3	Perylene-d12	791516	23.785				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/1/2024 12:00:00 AM
Project:		Date Received:	6/1/2024 12:00:00 AM
Client Sample ID:	SBLK265	SDG No.:	BM060324
Lab Sample ID:	PB161265BL	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
BM045808.D	1	6/1/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161265

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:	6/1/2024 12:00:00 AM
Project:		Date Received:	6/1/2024 12:00:00 AM
Client Sample ID:	SBLK265	SDG No.:	BM060324
Lab Sample ID:	PB161265BL	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
BM045808.D	1	6/1/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161265

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:	6/1/2024 12:00:00 AM
Project:		Date Received:	6/1/2024 12:00:00 AM
Client Sample ID:	SBLK265	SDG No.:	BM060324
Lab Sample ID:	PB161265BL	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
BM045808.D	1	6/1/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161265

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	5.527		15-120		69	SPK: -8
7291-22-7	Pyridine-d5	25.758		20-120		64	SPK: -40
4165-62-2	Phenol-d5	28.548		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.089		25-120		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.252		20-130		76	SPK: -40
190780-66-6	4-Methylphenol-d8	29.5		25-125		74	SPK: -40
4165-60-0	Nitrobenzene-d5	30.262		20-125		76	SPK: -40
93951-78-1	2-Nitrophenol-d4	29.724		20-130		74	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.269		20-120		71	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.611		1-146		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.39		25-130		78	SPK: -40
93951-97-4	Acenaphthylene-d8	29.703		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	18.489		10-150		46	SPK: -40
81103-79-9	Fluorene-d10	30.26		25-125		76	SPK: -40

Report of Analysis

Client:		Date Collected:	6/1/2024 12:00:00 AM
Project:		Date Received:	6/1/2024 12:00:00 AM
Client Sample ID:	SBLK265	SDG No.:	BM060324
Lab Sample ID:	PB161265BL	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
BM045808.D	1	6/1/2024 12:00:00 AM	6/3/2024 12:00:00 AM	PB161265

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	12.791		10-130		32	SPK: -40
1719-06-8	Anthracene-d10	30.868		25-130		77	SPK: -40
1718-52-1	Pyrene-d10	33.069		15-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.281		20-130		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	262553	7.469				
1146-65-2	Naphthalene-d8	1074926	10.234				
15067-26-2	Acenaphthene-d10	686844	14.11				
1517-22-2	Phenanthrene-d10	1342701	16.857				
1719-03-5	Chrysene-d12	920923	21.068				
1520-96-3	Perylene-d12	822118	23.786				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BM060324

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-WATER-QT2-2024-03							
P2409-01	MDL-WATER-QT2-2024 Water	Total Alkanes	*	0.000	1.7	5	ug/L
		Total Tics :			0.00		
P2409-01	MDL-WATER-QT2-2024 Water	1,1-Biphenyl	4.700	J	1.7	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	1,2,3,4-Tetrachlorobenzene	4.000	J	1.2	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	1,2,4,5-Tetrachlorobenzene	4.600	J	1.8	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	1,4-Dioxane	0.900	J	0.49	2	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	1-Methylnaphthalene	4.700	J	1.3	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,2-oxybis(1-Chloropropane)	4.800	J	1.4	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,3,4,6-Tetrachlorophenol	4.100	J	1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,4,5-Trichlorophenol	3.900	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,4,6-Trichlorophenol	3.700	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,4-Dichlorophenol	4.500	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,4-Dimethylphenol	2.200	J	0.98	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,4-Dinitrotoluene	4.600	J	1.1	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,6-Dinitrotoluene	4.000	J	1.1	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2-Chloronaphthalene	4.600	J	1.6	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2-Chlorophenol	4.800	J	1.3	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2-Methylnaphthalene	4.700	J	1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2-Methylphenol	4.000	J	1.4	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2-Nitroaniline	4.200	J	1.2	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2-Nitrophenol	4.700	J	1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	3,3-Dichlorobenzidine	3.300	J	1.1	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	3-Nitroaniline	4.000	J	0.84	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4,6-Dinitro-2-methylphenol	4.400	J	0.94	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4-Bromophenyl-phenylether	4.400	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4-Chloro-3-methylphenol	4.200	J	1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4-Chloroaniline	4.500	J	1.4	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4-Chlorophenyl-phenylether	4.800	J	1.6	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4-Methylphenol	4.400	J	1.4	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4-Nitroaniline	5.400	J	1.3	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4-Nitrophenol	5.400	J	1.5	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Acenaphthene	4.700	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Acenaphthylene	4.800	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Acetophenone	4.700	J	1.5	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Anthracene	4.300	J	1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Atrazine	5.400	J	1.6	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Benzaldehyde	6.700	J	2.5	10	ug/L

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SDG No.: BM060324

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2409-01	MDL-WATER-QT2-2024	Water Benzo(a)anthracene	4.500	J	1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Benzo(a)pyrene	4.600	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Benzo(b)fluoranthene	4.400	J	1.6	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Benzo(g,h,i)perylene	4.600	J	1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Benzo(k)fluoranthene	4.700	J	1.7	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Bis(2-Chloroethoxy)methane	4.500	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Bis(2-Chloroethyl)ether	4.600	J	1.4	10	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Bis(2-ethylhexyl)phthalate	4.000	J	1.8	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Butylbenzylphthalate	4.000	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Carbazole	4.700	J	1.6	10	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Chrysene	4.600	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Di-n-butylphthalate	4.500	J	1.7	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Di-n-octyl phthalate	3.700	J	1.4	10	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Dibenzo(a,h)anthracene	4.500	J	1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Dibenzofuran	4.900	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Diethylphthalate	4.900	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Dimethylphthalate	4.800	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Fluoranthene	4.200	J	1.7	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Fluorene	5.000		1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Hexachlorobenzene	4.600	J	1.6	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Hexachlorobutadiene	4.600	J	1.2	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Hexachloroethane	4.700	J	1.1	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Indeno(1,2,3-cd)pyrene	4.700	J	1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Isophorone	4.300	J	1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water N-Nitroso-di-n-propylamine	4.500	J	1.6	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water N-Nitrosodiphenylamine	4.500	J	1.6	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Naphthalene	4.700	J	1.3	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Nitrobenzene	4.900	J	1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Pentachlorobenzene	4.600	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Pentachlorophenol	7.000	J	3.6	10	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Phenanthrene	4.700	J	1.6	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Phenol	4.800	J	1.4	10	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Pyrene	4.400	J	1.7	5	ug/L
P2409-01	MDL-WATER-QT2-2024	Water Pyridine	4.500	J	1.4	10	ug/L
Total Svoc :			310.30				
Total Concentration:			310.30				
Client ID :	MDL-SOIL-QT2-2024-03						
P2409-03	MDL-SOIL-QT2-2024-0:	Solid Total Alkanes	*	0.000	48	170	ug/Kg
Total Tics :			0.00				
P2409-03	MDL-SOIL-QT2-2024-0:	Solid 1,1-Biphenyl		160.000	J 48	170	ug/Kg

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SDG No.: BM060324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-03	MDL-SOIL-QT2-2024-0	Solid	1,2,3,4-Tetrachlorobenzene	140.000	J	33	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	1,2,4,5-Tetrachlorobenzene	150.000	J	51	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	1,4-Dioxane	37.000	J	13	66	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	1-Methylnaphthalene	160.000	J	41	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,2-oxybis(1-Chloropropane)	160.000	J	27	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,3,4,6-Tetrachlorophenol	140.000	J	37	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,4,5-Trichlorophenol	140.000	J	42	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,4,6-Trichlorophenol	130.000	J	43	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,4-Dichlorophenol	160.000	J	39	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,4-Dimethylphenol	72.000	J	28	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,4-Dinitrophenol	190.000	J	120	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,4-Dinitrotoluene	150.000	J	27	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,6-Dinitrotoluene	130.000	J	21	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2-Chloronaphthalene	160.000	J	45	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2-Chlorophenol	150.000	J	28	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2-Methylnaphthalene	160.000	J	37	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2-Methylphenol	130.000	J	30	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2-Nitroaniline	140.000	J	22	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2-Nitrophenol	160.000	J	32	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	3,3-Dichlorobenzidine	110.000	J	23	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	3-Nitroaniline	140.000	J	20	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4,6-Dinitro-2-methylphenol	140.000	J	16	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4-Bromophenyl-phenylether	150.000	J	45	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4-Chloro-3-methylphenol	140.000	J	28	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4-Chloroaniline	150.000	J	43	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4-Chlorophenyl-phenylether	160.000	J	47	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4-Methylphenol	150.000	J	32	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4-Nitroaniline	160.000	J	42	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4-Nitrophenol	170.000	J	41	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Acenaphthene	160.000	J	41	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Acenaphthylene	160.000	J	43	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Acetophenone	160.000	J	38	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Anthracene	140.000	J	43	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Atrazine	180.000	J	39	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Benzaldehyde	230.000	J	75	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Benzo(a)anthracene	150.000	J	39	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Benzo(a)pyrene	150.000	J	42	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Benzo(b)fluoranthene	150.000	J	42	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Benzo(g,h,i)perylene	160.000	J	35	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Benzo(k)fluoranthene	160.000	J	45	170	ug/Kg

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SDG No.: BM060324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Bis(2-Chloroethoxy)methane	150.000	J	38	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Bis(2-Chloroethyl)ether	160.000	J	34	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Bis(2-ethylhexyl)phthalate	140.000	J	44	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Butylbenzylphthalate	130.000	J	32	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Caprolactam	150.000	J	120	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Carbazole	150.000	J	45	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Chrysene	150.000	J	45	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Di-n-butylphthalate	150.000	J	42	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Di-n-octyl phthalate	130.000	J	34	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Dibenzo(a,h)anthracene	150.000	J	37	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Dibenzofuran	160.000	J	46	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Diethylphthalate	160.000	J	60	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Dimethylphthalate	160.000	J	42	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Fluoranthene	150.000	J	44	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Fluorene	160.000	J	45	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Hexachlorobenzene	150.000	J	50	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Hexachlorobutadiene	150.000	J	34	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Hexachlorocyclopentadiene	110.000	J	79	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Hexachloroethane	150.000	J	23	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Indeno(1,2,3-cd)pyrene	150.000	J	37	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Isophorone	150.000	J	34	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	N-Nitroso-di-n-propylamine	160.000	J	29	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	N-Nitrosodiphenylamine	150.000	J	42	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Naphthalene	160.000	J	34	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Nitrobenzene	160.000	J	36	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Pentachlorobenzene	160.000	J	51	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Pentachlorophenol	240.000	J	87	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Phenanthrene	160.000	J	44	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Phenol	150.000	J	35	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Pyrene	150.000	J	44	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-01	Solid	Pyridine	150.000	J	43	330	ug/Kg

Total Svoc : 10,839.00

Total Concentration: 10,839.00

Client ID : MDL-MED-SOIL-QT2-2024-03

P2409-05	MDL-MED-SOIL-QT2-2 Solid	Total Alkanes	*	0.000	1300	4800	ug/Kg
				Total Tics : 0.00			
P2409-05	MDL-MED-SOIL-QT2-2 Solid	1,1-Biphenyl		4,600.000	J 1300	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2 Solid	1,2,3,4-Tetrachlorobenzene		4,300.000	J 1000	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2 Solid	1,2,4,5-Tetrachlorobenzene		4,500.000	J 1400	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2 Solid	1,4-Dioxane		1,000.000	J 370	1900	ug/Kg

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SDG No.: BM060324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-05	MDL-MED-SOIL-QT2-2	Solid	1-Methylnaphthalene	4,500.000	J	1100	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,2-oxybis(1-Chloropropane)	4,700.000	J	730	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,3,4,6-Tetrachlorophenol	3,900.000	J	1100	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,4,5-Trichlorophenol	4,100.000	J	1300	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,4,6-Trichlorophenol	3,700.000	J	1100	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,4-Dichlorophenol	4,400.000	J	1200	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,4-Dimethylphenol	2,000.000	J	810	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,4-Dinitrophenol	5,600.000	J	2900	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,4-Dinitrotoluene	4,100.000	J	840	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,6-Dinitrotoluene	3,900.000	J	700	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2-Chloronaphthalene	4,500.000	J	1300	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2-Chlorophenol	4,400.000	J	840	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2-Methylnaphthalene	4,500.000	J	1100	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2-Methylphenol	3,900.000	J	900	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2-Nitroaniline	4,000.000	J	650	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2-Nitrophenol	4,400.000	J	1000	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	3,3-Dichlorobenzidine	3,100.000	J	700	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	3-Nitroaniline	3,800.000	J	650	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4,6-Dinitro-2-methylphenol	4,100.000	J	460	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4-Bromophenyl-phenylether	4,300.000	J	1200	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4-Chloro-3-methylphenol	4,000.000	J	850	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4-Chloroaniline	4,300.000	J	1200	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4-Chlorophenyl-phenylether	4,500.000	J	1500	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4-Methylphenol	4,300.000	J	830	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4-Nitroaniline	4,500.000	J	1000	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4-Nitrophenol	4,700.000	J	1200	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Acenaphthene	4,600.000	J	1200	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Acenaphthylene	4,500.000	J	1300	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Acetophenone	4,500.000	J	1000	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Anthracene	4,000.000	J	1300	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Atrazine	4,900.000	J	890	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Benzaldehyde	6,400.000	J	2100	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Benzo(a)anthracene	4,300.000	J	1200	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Benzo(a)pyrene	4,200.000	J	1400	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Benzo(b)fluoranthene	4,400.000	J	1200	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Benzo(g,h,i)perylene	4,500.000	J	1200	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Benzo(k)fluoranthene	4,400.000	J	1500	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Bis(2-Chloroethoxy)methane	4,300.000	J	1000	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Bis(2-Chloroethyl)ether	4,500.000	J	880	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Bis(2-ethylhexyl)phthalate	3,800.000	J	1400	4800	ug/Kg

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SDG No.: BM060324

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Butylbenzylphthalate	3,800.000	J	1000	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Caprolactam	3,800.000	J	2600	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Carbazole	4,300.000	J	1400	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Chrysene	4,300.000	J	1300	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Di-n-butylphthalate	4,100.000	J	1300	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Di-n-octyl phthalate	3,700.000	J	1000	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Dibenzo(a,h)anthracene	4,300.000	J	1200	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Dibenzofuran	4,600.000	J	1300	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Diethylphthalate	4,300.000	J	1700	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Dimethylphthalate	4,400.000	J	1200	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Fluoranthene	4,400.000	J	1200	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Fluorene	4,500.000	J	1300	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Hexachlorobenzene	4,400.000	J	1400	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Hexachlorobutadiene	4,300.000	J	1000	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Hexachlorocyclopentadiene	3,300.000	J	2300	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Hexachloroethane	4,400.000	J	550	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Indeno(1,2,3-cd)pyrene	4,300.000	J	1100	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Isophorone	4,200.000	J	870	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	N-Nitroso-di-n-propylamine	4,400.000	J	720	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	N-Nitrosodiphenylamine	4,400.000	J	1200	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Naphthalene	4,500.000	J	920	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Nitrobenzene	4,600.000	J	900	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Pentachlorobenzene	4,700.000	J	1500	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Pentachlorophenol	6,700.000	J	2400	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Phenanthrene	4,400.000	J	1300	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Phenol	4,400.000	J	950	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Pyrene	4,500.000	J	1300	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Pyridine	3,900.000	J	1200	9500	ug/Kg

Total Svoc : 307,800.00
Total Concentration: 307,800.00

Client ID : BHBZ7

P2648-10	BHBZ7	Water	9-Octadecenamide, (Z)-	*	7.700	J		
P2648-10	BHBZ7	Water	Total Alkanes	*	0.000	1.7	5	ug/L

Total Tics : 7.70
Total Concentration: 7.70

Client ID : BHBZ6

P2648-20	BHBZ6	Water	9-Octadecenamide, (Z)-	*	3.600	J		
P2648-20	BHBZ6	Water	Total Alkanes	*	0.000	1.7	5	ug/L

Total Tics : 3.60

Hit Summary Sheet SW-846

SDG No.: BM060324

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:			3.60		
Client ID : BHBZ5								
P2663-11	BHBZ5	Water	13-Docosenamide, (Z)-	*	23.000	J		
P2663-11	BHBZ5	Water	9-Octadecenitrile, (Z)-	*	2.100	J		
P2663-11	BHBZ5	Water	Total Alkanes	*	0.000	1.7	5.1	ug/L
			Total Tics :			25.10		
			Total Concentration:			25.10		



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM053124 SAS No.: BM053124 SDG No.: BM053124
Instrument ID: _____ Calibration Date(s): 5/31/2024 : _____
Calibration Time(s): 09:07 _____

LAB FILE ID:		RRFAL1 = BM045789.D		RRFAL2 = BM045790.D		RRFAL3 = BM045791.D		
		RRFAL4 = BM045792.D		RRFAL5 = BM045793.D		RRFAL6 = BM045794.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.574	0.543	0.639	0.554	0.545		0.571	7.0
Benzaldehyde		0.996	0.567	1.012	0.819	0.602	0.799	26.3
Pyridine		1.104	1.449	1.434	1.431	1.403	1.364	10.7
Hexachloroethane	0.597	0.610	0.728	0.644	0.631		0.642	8.0
Nitrobenzene	0.398	0.427	0.500	0.435	0.428		0.438	8.6
Isophorone	0.685	0.732	0.878	0.793	0.779		0.773	9.4
2-Nitrophenol	0.146	0.160	0.195	0.179	0.184		0.173	11.4
2,4-Dimethylphenol	0.327	0.320	0.404	0.354	0.350		0.351	9.4
Bis(2-Chloroethoxy)methane	0.429	0.449	0.530	0.468	0.471		0.469	8.1
2,4-Dichlorophenol	0.264	0.275	0.339	0.302	0.298		0.296	9.9
Naphthalene	1.023	1.032	1.200	1.047	1.030		1.066	7.0
4-Chloroaniline		0.389	0.445	0.414	0.391	0.368	0.401	7.3
Hexachlorobutadiene	0.195	0.192	0.226	0.199	0.201		0.203	6.7
Phenol		1.653	2.020	1.721	1.731	1.686	1.762	8.4
Caprolactam		0.066	0.085	0.092	0.086	0.087	0.083	12.1
4-Chloro-3-methylphenol	0.276	0.302	0.362	0.338	0.326		0.321	10.3
1-Methylnaphthalene	0.670	0.688	0.794	0.701	0.677		0.706	7.2
2-Methylnaphthalene	0.673	0.686	0.789	0.700	0.684		0.706	6.7
Hexachlorocyclopentadiene		0.307	0.380	0.355	0.390	0.386	0.364	9.4
2,4,6-Trichlorophenol	0.277	0.309	0.390	0.372	0.394		0.348	15.1
2,4,5-Trichlorophenol	0.312	0.346	0.419	0.400	0.415		0.378	12.5
1,1-Biphenyl	1.400	1.428	1.663	1.455	1.474		1.484	7.0
2-Chloronaphthalene	1.102	1.123	1.295	1.137	1.157		1.163	6.6
2-Nitroaniline	0.319	0.358	0.443	0.434	0.431		0.397	14.0
Bis(2-Chloroethyl)ether		1.385	1.699	1.440	1.457	1.374	1.471	9.0
Dimethylphthalate	1.301	1.334	1.547	1.457	1.390		1.406	7.0
2,6-Dinitrotoluene	0.223	0.240	0.298	0.295	0.297		0.270	13.3
Acenaphthylene	1.733	1.811	2.080	1.859	1.822		1.861	7.0
3-Nitroaniline		0.217	0.221	0.285	0.262	0.255	0.248	11.6
Acenaphthene	1.166	1.208	1.385	1.237	1.213		1.242	6.8
2,4-Dinitrophenol		0.098	0.090	0.119	0.139	0.171	0.123	26.5
4-Nitrophenol		0.205	0.263	0.271	0.248	0.246	0.247	10.4
Dibenzofuran	1.611	1.652	1.865	1.663	1.582		1.675	6.6
2,4-Dinitrotoluene	0.296	0.339	0.418	0.424	0.395		0.374	14.7
Diethylphthalate	1.250	1.318	1.566	1.500	1.406		1.408	9.2
2-Chlorophenol	1.219	1.284	1.534	1.331	1.318		1.337	8.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM053124 SAS No.: BM053124 SDG No.: BM053124

Instrument ID: _____ Calibration Date(s): 5/31/2024 : _____

Calibration Time(s): 09:07 : _____

LAB FILE ID:		RRFAL1 = BM045789.D		RRFAL2 = BM045790.D		RRFAL3 = BM045791.D		
		RRFAL4 = BM045792.D		RRFAL5 = BM045793.D		RRFAL6 = BM045794.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.288	1.312	1.512	1.371	1.264		1.349	7.4
4-Chlorophenyl-phenylether	0.644	0.651	0.748	0.673	0.632		0.670	6.9
4-Nitroaniline		0.194	0.168	0.253	0.212	0.205	0.206	15.0
4,6-Dinitro-2-methylphenol		0.086	0.117	0.116	0.119	0.122	0.112	13.0
N-Nitrosodiphenylamine	0.534	0.554	0.643	0.551	0.551		0.567	7.6
1,2,4,5-Tetrachlorobenzene	0.559	0.575	0.672	0.585	0.605		0.599	7.4
4-Bromophenyl-phenylether	0.195	0.203	0.234	0.203	0.207		0.209	7.2
Hexachlorobenzene	0.216	0.224	0.261	0.225	0.228		0.231	7.5
Atrazine		0.173	0.178	0.186	0.167	0.155	0.172	6.9
Pentachlorophenol		0.081	0.111	0.123	0.131	0.139	0.117	19.5
2-Methylphenol		1.160	1.446	1.281	1.305	1.259	1.290	8.0
Phenanthrene	0.996	1.024	1.177	1.051	1.021		1.054	6.8
Pentachlorobenzene	0.282	0.286	0.328	0.272	0.282		0.290	7.6
Anthracene	1.000	1.023	1.194	1.040	1.006		1.053	7.6
1,2,3,4-Tetrachlorobenzene	0.292	0.302	0.346	0.288	0.322		0.310	7.7
Carbazole		0.848	1.013	0.929	0.868	0.831	0.898	8.3
Di-n-butylphthalate	0.980	1.062	1.337	1.285	1.243		1.181	12.9
Fluoranthene	1.412	1.472	1.666	1.455	1.535		1.508	6.5
Pyrene	1.477	1.547	1.727	1.479	1.516		1.549	6.7
Butylbenzylphthalate	0.490	0.547	0.696	0.692	0.731		0.631	16.8
3,3-Dichlorobenzidine		0.343	0.407	0.439	0.412	0.375	0.395	9.4
2,2-oxybis (1-Chloropropane)		2.861	3.369	2.871	2.782	2.602	2.897	9.8
Benzo (a) anthracene	1.284	1.312	1.523	1.393	1.393		1.381	6.8
Chrysene	1.204	1.234	1.411	1.270	1.269		1.278	6.2
Bis (2-ethylhexyl) phthalate	0.718	0.815	1.050	1.050	1.057		0.938	17.1
Di-n-octyl phthalate		1.251	1.620	1.587	1.666	1.525	1.530	10.7
Benzo (b) fluoranthene	1.121	1.175	1.363	1.227	1.259		1.229	7.4
Benzo (k) fluoranthene	1.119	1.142	1.319	1.208	1.214		1.201	6.5
Benzo (a) pyrene	0.970	0.995	1.201	1.110	1.123		1.080	8.9
Indeno (1,2,3-cd) pyrene	1.063	1.075	1.291	1.216	1.252		1.179	8.8
Dibenzo (a,h) anthracene	0.832	0.856	1.027	0.961	0.989		0.933	9.1
Benzo (g,h,i) perylene	0.940	0.974	1.141	1.064	1.076		1.039	7.8
Acetophenone		2.121	2.530	2.143	2.055	1.847	2.139	11.6
2,3,4,6-Tetrachlorophenol	0.214	0.254	0.323	0.321	0.316		0.286	17.3
1,4-Dioxane-d8	0.527	0.471	0.574	0.511	0.496		0.516	7.4
Pyridine-d5		1.045	1.440	1.344	1.381	1.431	1.328	12.3

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.: BM053124 SAS No.: BM053124 SDG No.: BM053124
Instrument ID: _____ Calibration Date(s): 5/31/2024 : _____
Calibration Time(s): 09:07 _____

LAB FILE ID:		RRFAL1 = BM045789.D			RRFAL2 = BM045790.D		RRFAL3 = BM045791.D	
		RRFAL4 = BM045792.D			RRFAL5 = BM045793.D		RRFAL6 = BM045794.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.567	1.907	1.667	1.688	1.666	1.699	7.4
Bis-(2-Chloroethyl)ether-d8		1.174	1.415	1.200	1.191	1.120	1.220	9.3
2-Chlorophenol-d4	1.088	1.179	1.476	1.291	1.313		1.269	11.6
4-Methylphenol-d8		1.164	1.450	1.275	1.291	1.239	1.284	8.2
Nitrobenzene-d5	0.142	0.147	0.172	0.159	0.162		0.156	7.7
2-Nitrophenol-d4	0.127	0.139	0.182	0.166	0.177		0.158	15.3
2,4-Dichlorophenol-d3	0.254	0.276	0.336	0.307	0.311		0.297	10.7
4-Chloroaniline-d4		0.393	0.449	0.423	0.403	0.386	0.411	6.2
4-Methylphenol		1.271	1.572	1.344	1.313	1.176	1.335	11.0
Dimethylphthalate-d6	1.269	1.304	1.531	1.427	1.391		1.385	7.5
Acenaphthylene-d8	1.443	1.520	1.797	1.642	1.637		1.608	8.4
4-Nitrophenol-d4		0.244	0.315	0.324	0.307	0.304	0.299	10.5
Fluorene-d10	1.097	1.150	1.306	1.203	1.150		1.181	6.7
4,6-Dinitro-2-methylphenol-		0.073	0.101	0.107	0.113	0.117	0.102	17.2
Anthracene-d10	0.798	0.832	0.978	0.880	0.859		0.869	7.8
Pyrene-d10	1.158	1.201	1.375	1.219	1.266		1.244	6.6
Benzo(a)pyrene-d12	0.797	0.866	1.049	0.975	0.988		0.935	10.9
N-Nitroso-di-n-propylamine	1.078	1.152	1.369	1.183	1.129		1.182	9.4

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.: BM060324 SAS No.: BM060324 SDG NO.: BM060324

EPA Sample No.: SSTD020036 Date Analyzed: Jun 3 2024 12:00AM

Lab File ID: BM045791.D Time Analyzed: 09:36

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	224754	7.469	951354	10.23	577583	14.11
UPPER LIMIT	449508	7.969	1902708	10.734	1155166	14.61
LOWER LIMIT	112377	6.969	475677	9.734	288791.5	13.61
EPA SAMPLE NO.						
01 SBLK893	233865	7.47	944264	10.24	559725	14.11
02 MDL-WATER-QT2-2024-03	201553	7.47	812523	10.24	501260	14.11
03 MDL-SOIL-QT2-2024-03	245254	7.47	976221	10.23	582135	14.11
04 MDL-MED-SOIL-QT2-2024-03	265464	7.47	1.07681e	10.23	634753	14.11
05 SBLK896	255882	7.47	1.04495e	10.24	617233	14.11
06 SBLK897	241350	7.47	979764	10.24	592505	14.12
07 BHBZ5	200054	7.47	768257	10.24	456704	14.12
08 BHBZ7	180030	7.47	726675	10.24	442686	14.12
09 BHBZ6	204601	7.47	826260	10.24	506912	14.11
10 SLCS265	206298	7.47	856011	10.23	532979	14.11
11 SBLK265	262553	7.47	1.07493e	10.23	686844	14.11

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.: BM060324 SAS No.: BM060324 SDG NO.: BM060324

EPA Sample No.: SSTD020109 Date Analyzed: Jun 3 2024 12:00AM

Lab File ID: BM045797.D Time Analyzed: 09:36

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	200436	7.469	820632	10.23	516865	14.11
UPPER LIMIT	400872	7.969	1641264	10.733	1033730	14.61
LOWER LIMIT	100218	6.969	410316	9.733	258432.5	13.61
EPA SAMPLE NO.						
01 SBLK893	233865	7.47	944264	10.24	559725	14.11
02 MDL-WATER-QT2-2024-03	201553	7.47	812523	10.24	501260	14.11
03 MDL-SOIL-QT2-2024-03	245254	7.47	976221	10.23	582135	14.11
04 MDL-MED-SOIL-QT2-2024-03	265464	7.47	1.07681e	10.23	634753	14.11
05 SBLK896	255882	7.47	1.04495e	10.24	617233	14.11
06 SBLK897	241350	7.47	979764	10.24	592505	14.12
07 BHBZ5	200054	7.47	768257	10.24	456704	14.12
08 BHBZ7	180030	7.47	726675	10.24	442686	14.12
09 BHBZ6	204601	7.47	826260	10.24	506912	14.11
10 SLCS265	206298	7.47	856011	10.23	532979	14.11
11 SBLK265	262553	7.47	1.07493e	10.23	686844	14.11

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.: BM060324 SAS No.: BM060324 SDG NO.: BM060324

EPA Sample No.: SSTD020036 Date Analyzed: Jun 3 2024 12:00AM

Lab File ID: BM045791.D Time Analyzed: 09:36

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.08015e+0	16.857	828447	21.068	872879	23.791
UPPER LIMIT	2160300	17.357	1656894	21.568	1745758	24.291
LOWER LIMIT	540075	16.357	414223.5	20.568	436439.5	23.291
EPA SAMPLE NO.						
01 SBLK893	1.04274	16.86	761062	21.07	777627	23.79
02 MDL-WATER-QT2-2024-03	1.04617	16.86	922358	21.07	1.01075e+	23.79
03 MDL-SOIL-QT2-2024-03	1.16832	16.86	950006	21.07	976709	23.79
04 MDL-MED-SOIL-QT2-2024-03	1.20733	16.86	901565	21.07	900686	23.79
05 SBLK896	1.17295	16.86	906139	21.07	961550	23.79
06 SBLK897	1.09002	16.86	774092	21.07	815141	23.79
07 BHBZ5	875847	16.86	717960	21.07	810591	23.79
08 BHBZ7	808900	16.86	563737	21.07	581422	23.79
09 BHBZ6	942341	16.86	655761	21.07	657750	23.79
10 SLCS265	992242	16.86	747961	21.07	791516	23.79
11 SBLK265	1.3427e	16.86	920923	21.07	822118	23.79

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.: BM060324 SAS No.: BM060324 SDG NO.: BM060324

EPA Sample No.: SSTD020109 Date Analyzed: Jun 3 2024 12:00AM

Lab File ID: BM045797.D Time Analyzed: 09:36

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	968174	16.857	757033	21.068	803750	23.791
UPPER LIMIT	1936348	17.357	1514066	21.568	1607500	24.291
LOWER LIMIT	484087	16.357	378516.5	20.568	401875	23.291
EPA SAMPLE NO.						
01 SBLK893	1.04274	16.86	761062	21.07	777627	23.79
02 MDL-WATER-QT2-2024-03	1.04617	16.86	922358	21.07	1.01075e+	23.79
03 MDL-SOIL-QT2-2024-03	1.16832	16.86	950006	21.07	976709	23.79
04 MDL-MED-SOIL-QT2-2024-03	1.20733	16.86	901565	21.07	900686	23.79
05 SBLK896	1.17295	16.86	906139	21.07	961550	23.79
06 SBLK897	1.09002	16.86	774092	21.07	815141	23.79
07 BHBZ5	875847	16.86	717960	21.07	810591	23.79
08 BHBZ7	808900	16.86	563737	21.07	581422	23.79
09 BHBZ6	942341	16.86	655761	21.07	657750	23.79
10 SLCS265	992242	16.86	747961	21.07	791516	23.79
11 SBLK265	1.3427e	16.86	920923	21.07	822118	23.79

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.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM060324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161265BS	1,4-Dioxane	16	13	ug/L	81				0	0	
	Benzaldehyde	40	45	ug/L	113				0	0	
	Pyridine	40	34	ug/L	85				0	0	
	Phenol	40	34	ug/L	85				0	0	
	Bis(2-chloroethyl)ether	40	32	ug/L	80				0	0	
	2-Chlorophenol	40	34	ug/L	85				0	0	
	2-Methylphenol	40	33	ug/L	83				0	0	
	2,2-oxybis(1-Chloropropane)	40	34	ug/L	85				0	0	
	Acetophenone	40	34	ug/L	85				0	0	
	4-Methylphenol	40	35	ug/L	88				0	0	
	N-Nitroso-di-n-propylamine	40	35	ug/L	88				0	0	
	Hexachloroethane	40	33	ug/L	83				0	0	
	Nitrobenzene	40	34	ug/L	85				0	0	
	Isophorone	40	34	ug/L	85				0	0	
	2-Nitrophenol	40	34	ug/L	85				0	0	
	2,4-Dimethylphenol	40	34	ug/L	85				0	0	
	Bis(2-chloroethoxy)methane	40	33	ug/L	83				0	0	
	2,4-Dichlorophenol	40	35	ug/L	88				0	0	
	Naphthalene	40	33	ug/L	83				0	0	
	4-Chloroaniline	40	28	ug/L	70				0	0	
	Hexachlorobutadiene	40	31	ug/L	78				0	0	
	Caprolactam	40	34	ug/L	85				0	0	
	4-Chloro-3-methylphenol	40	35	ug/L	88				0	0	
	1-Methylnaphthalene	40	34	ug/L	85				0	0	
	2-Methylnaphthalene	40	34	ug/L	85				0	0	
	Hexachlorocyclopentadiene	40	28	ug/L	70				0	0	
	2,4,6-Trichlorophenol	40	34	ug/L	85				0	0	
	2,4,5-Trichlorophenol	40	33	ug/L	83				0	0	
	1,1'-Biphenyl	40	33	ug/L	83				0	0	
	2-Chloronaphthalene	40	32	ug/L	80				0	0	
	2-Nitroaniline	40	36	ug/L	90				0	0	
	Dimethylphthalate	40	32	ug/L	80				0	0	
	2,6-Dinitrotoluene	40	33	ug/L	83				0	0	
	Acenaphthylene	40	32	ug/L	80				0	0	
	3-Nitroaniline	40	35	ug/L	88				0	0	
	Acenaphthene	40	33	ug/L	83				0	0	
	2,4-Dinitrophenol	40	11	ug/L	28				0	0	
	4-Nitrophenol	40	34	ug/L	85				0	0	
	Dibenzofuran	40	33	ug/L	83				0	0	
	2,4-Dinitrotoluene	40	34	ug/L	85				0	0	
	Diethylphthalate	40	33	ug/L	83				0	0	
	Fluorene	40	34	ug/L	85				0	0	
	4-Chlorophenyl-phenylether	40	33	ug/L	83				0	0	
	4-Nitroaniline	40	40	ug/L	100				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BM060324

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161265BS	4,6-Dinitro-2-methylphenol	40	20	ug/L	50				0	0		
	N-Nitrosodiphenylamine	40	35	ug/L	88				0	0		
	1,2,4,5-Tetrachlorobenzene	40	33	ug/L	83				0	0		
	4-Bromophenyl-phenylether	40	33	ug/L	83				0	0		
	Hexachlorobenzene	40	33	ug/L	83				0	0		
	Atrazine	40	32	ug/L	80				0	0		
	Pentachlorophenol	40	30	ug/L	75				0	0		
	Phenanthrene	40	34	ug/L	85				0	0		
	Pentachlorobenzene	40	33	ug/L	83				0	0		
	Anthracene	40	33	ug/L	83				0	0		
	1,2,3,4-Tetrachlorobenzene	40	32	ug/L	80				0	0		
	Carbazole	40	35	ug/L	88				0	0		
	Di-n-butylphthalate	40	35	ug/L	88				0	0		
	Fluoranthene	40	33	ug/L	83				0	0		
	Pyrene	40	34	ug/L	85				0	0		
	Butylbenzylphthalate	40	34	ug/L	85				0	0		
	3,3'-Dichlorobenzidine	40	34	ug/L	85				0	0		
	Benzo(a)anthracene	40	33	ug/L	83				0	0		
	Chrysene	40	33	ug/L	83				0	0		
	Bis(2-ethylhexyl)phthalate	40	34	ug/L	85				0	0		
	Di-n-octylphthalate	40	33	ug/L	83				0	0		
	Benzo(b)fluoranthene	40	33	ug/L	83				0	0		
	Benzo(k)fluoranthene	40	33	ug/L	83				0	0		
	Benzo(a)pyrene	40	30	ug/L	75				0	0		
	Indeno(1,2,3-cd)pyrene	40	34	ug/L	85				0	0		
	Dibenzo(a,h)anthracene	40	32	ug/L	80				0	0		
	Benzo(g,h,i)perylene	40	32	ug/L	80				0	0		
	2,3,4,6-Tetrachlorophenol	40	34	ug/L	85				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK893

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM060324

SAS No.: BM060324 SDG NO.: BM060324

Lab File ID: BM045798.D

Lab Sample ID: PB160893BL

Instrument ID: BNA_M

Date Extracted: 05/13/2024

Matrix: (soil/water) Water

Date Analyzed: 06/03/2024

Level: (low/med) LOW

Time Analyzed: 09:36

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT2-2024-03	P2409-01	BM045799.D	06/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK896

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM060324

SAS No.: BM060324 SDG NO.: BM060324

Lab File ID: BM045802.D

Lab Sample ID: PB160896BL

Instrument ID: BNA_M

Date Extracted: 05/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/03/2024

Level: (low/med) LOW

Time Analyzed: 13:09

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-QT2-2024-03	P2409-03	BM045800.D	06/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK897

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM060324

SAS No.: BM060324 SDG NO.: BM060324

Lab File ID: BM045803.D

Lab Sample ID: PB160897BL

Instrument ID: BNA_M

Date Extracted: 05/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/03/2024

Level: (low/med) MED

Time Analyzed: 13:49

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-MED-SOIL-QT2-2024-03	P2409-05	BM045801.D	06/03/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK265

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM060324

SAS No.: BM060324 SDG NO.: BM060324

Lab File ID: BM045808.D

Lab Sample ID: PB161265BL

Instrument ID: BNA_M

Date Extracted: 06/01/2024

Matrix: (soil/water) Water

Date Analyzed: 06/03/2024

Level: (low/med) LOW

Time Analyzed: 17:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BHBZ5	P2663-11	BM045804.D	06/03/2024
BHBZ7	P2648-10	BM045805.D	06/03/2024
BHBZ6	P2648-20	BM045806.D	06/03/2024
PB161265BS	PB161265BS	BM045807.D	06/03/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BM060324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2409-01	MDL-WATER-QT2BM045799.D		1,4-Dioxane-d8	8	5.18	65		15	120
			Pyridine-d5	40	23.32	58		20	120
			Phenol-d5	40	24.50	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.83	62		25	120
			2-Chlorophenol-d4	40	24.71	62		20	130
			4-Methylphenol-d8	40	22.98	57		25	125
			Nitrobenzene-d5	40	25.07	63		20	125
			2-Nitrophenol-d4	40	24.28	61		20	130
			2,4-Dichlorophenol-d3	40	23.38	58		20	120
			4-Chloroaniline-d4	40	23.40	58		1	146
			Dimethylphthalate-d6	40	24.77	62		25	130
			Acenaphthylene-d8	40	24.06	60		10	130
			4-Nitrophenol-d4	40	19.21	48		10	150
			Fluorene-d10	40	25.39	63		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.13	48		10	130
			Anthracene-d10	40	22.19	55		25	130
			Pyrene-d10	40	22.63	57		15	130
			Benzo(a)pyrene-d12	40	24.53	61		20	130
PB160893BL	PB160893BL	BM045798.D	Pyridine-d5	40	25.13	63		20	120
			1,4-Dioxane-d8	8	5.44	68		15	120
			Phenol-d5	40	29.35	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.92	77		25	120
			2-Chlorophenol-d4	40	31.21	78		20	130
			4-Methylphenol-d8	40	29.77	74		25	125
			Nitrobenzene-d5	40	30.51	76		20	125
			2-Nitrophenol-d4	40	30.13	75		20	130
			2,4-Dichlorophenol-d3	40	28.76	72		20	120
			4-Chloroaniline-d4	40	30.60	77		1	146
			Dimethylphthalate-d6	40	32.32	81		25	130
			Acenaphthylene-d8	40	30.82	77		10	130
			4-Nitrophenol-d4	40	19.55	49		10	150
			Fluorene-d10	40	30.99	77		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.48	59		10	130
			Anthracene-d10	40	31.66	79		25	130
			Pyrene-d10	40	32.74	82		15	130
			Benzo(a)pyrene-d12	40	31.54	79		20	130

Surrogate Summary

SW-846

SDG No.: BM060324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2409-03	MDL-SOIL-QT2-2(BM045800.D		1,4-Dioxane-d8	8	4.91	61		15	120
			Pyridine-d5	40	23.53	59		20	120
			Phenol-d5	40	24.69	62		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.91	62		10	150
			2-Chlorophenol-d4	40	24.71	62		15	120
			4-Methylphenol-d8	40	22.60	57		10	140
			Nitrobenzene-d5	40	25.29	63		10	135
			2-Nitrophenol-d4	40	24.61	62		10	120
			2,4-Dichlorophenol-d3	40	23.70	59		10	140
			4-Chloroaniline-d4	40	23.39	58		1	145
			Dimethylphthalate-d6	40	25.09	63		10	145
			Acenaphthylene-d8	40	24.45	61		15	120
			4-Nitrophenol-d4	40	18.81	47		10	150
			Fluorene-d10	40	25.07	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.05	48		10	130
			Anthracene-d10	40	22.01	55		10	150
			Pyrene-d10	40	23.53	59		10	130
			Benzo(a)pyrene-d12	40	24.98	62		10	140
PB160896BL	PB160896BL	BM045802.D	1,4-Dioxane-d8	8	4.79	60		15	120
			Pyridine-d5	40	25.04	63		20	120
			Phenol-d5	40	28.64	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.13	75		10	150
			2-Chlorophenol-d4	40	30.33	76		15	120
			4-Methylphenol-d8	40	28.98	72		10	140
			Nitrobenzene-d5	40	29.49	74		10	135
			2-Nitrophenol-d4	40	29.00	73		10	120
			2,4-Dichlorophenol-d3	40	27.42	69		10	140
			4-Chloroaniline-d4	40	29.42	74		1	145
			Dimethylphthalate-d6	40	31.39	78		10	145
			Acenaphthylene-d8	40	29.80	74		15	120
			4-Nitrophenol-d4	40	19.56	49		10	150
			Fluorene-d10	40	29.91	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.10	58		10	130
			Anthracene-d10	40	30.28	76		10	150
			Pyrene-d10	40	30.65	77		10	130
			Benzo(a)pyrene-d12	40	29.86	75		10	140

Surrogate Summary

SW-846

SDG No.: BM060324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2409-05	MDL-MED-SOIL-(BM045801.D		Pyridine-d5	40	22.78	57		20	120
			1,4-Dioxane-d8	8	5.14	64		15	120
			Phenol-d5	40	24.54	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.09	63		10	150
			2-Chlorophenol-d4	40	24.95	62		15	120
			4-Methylphenol-d8	40	23.26	58		10	140
			Nitrobenzene-d5	40	25.19	63		10	135
			2-Nitrophenol-d4	40	24.54	61		10	120
			2,4-Dichlorophenol-d3	40	23.50	59		10	140
			4-Chloroaniline-d4	40	23.09	58		1	145
			Dimethylphthalate-d6	40	24.64	62		10	145
			Acenaphthylene-d8	40	24.60	61		15	120
			4-Nitrophenol-d4	40	17.87	45		10	150
			Fluorene-d10	40	24.65	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.51	49		10	130
			Anthracene-d10	40	22.07	55		10	150
			Pyrene-d10	40	24.37	61		10	130
			Benzo(a)pyrene-d12	40	25.25	63		10	140
PB160897BL	PB160897BL	BM045803.D	1,4-Dioxane-d8	8	5.46	68		15	120
			Pyridine-d5	40	26.71	67		20	120
			Phenol-d5	40	29.31	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.18	78		10	150
			2-Chlorophenol-d4	40	31.26	78		15	120
			4-Methylphenol-d8	40	29.75	74		10	140
			Nitrobenzene-d5	40	31.15	78		10	135
			2-Nitrophenol-d4	40	30.30	76		10	120
			2,4-Dichlorophenol-d3	40	28.74	72		10	140
			4-Chloroaniline-d4	40	31.21	78		1	145
			Dimethylphthalate-d6	40	32.15	80		10	145
			Acenaphthylene-d8	40	30.56	76		15	120
			4-Nitrophenol-d4	40	19.54	49		10	150
			Fluorene-d10	40	30.80	77		20	140
			4,6-Dinitro-2-methylphenol-d2	40	23.88	60		10	130
			Anthracene-d10	40	31.71	79		10	150
			Pyrene-d10	40	33.20	83		10	130
			Benzo(a)pyrene-d12	40	30.86	77		10	140

Surrogate Summary

SW-846

SDG No.: **BM060324**

Client: _____

Analytical Method: **SFAM_SVOC**

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2648-10	BHBZ7	BM045805.D	1,4-Dioxane-d8	8	5.54	69		15	120
			Pyridine-d5	40	4.71	12	*	20	120
			Phenol-d5	40	8.22	21		10	130
			Bis(2-Chloroethyl)ether-d8	40	42.01	105		25	120
			2-Chlorophenol-d4	40	31.60	79		20	130
			4-Methylphenol-d8	40	20.10	50		25	125
			Nitrobenzene-d5	40	42.89	107		20	125
			2-Nitrophenol-d4	40	35.43	89		20	130
			2,4-Dichlorophenol-d3	40	34.82	87		20	120
			4-Chloroaniline-d4	40	33.81	85		1	146
			Dimethylphthalate-d6	40	46.02	115		25	130
			Acenaphthylene-d8	40	43.67	109		10	130
			4-Nitrophenol-d4	40	3.86	10		10	150
			Fluorene-d10	40	44.93	112		25	125
			4,6-Dinitro-2-methylphenol-d2	40	5.24	13		10	130
			Anthracene-d10	40	50.71	127		25	130
			Pyrene-d10	40	51.62	129		15	130
			Benzo(a)pyrene-d12	40	47.66	119		20	130
P2648-20	BHBZ6	BM045806.D	1,4-Dioxane-d8	8	4.81	60		15	120
			Pyridine-d5	40	4.45	11	*	20	120
			Phenol-d5	40	7.21	18		10	130
			Bis(2-Chloroethyl)ether-d8	40	38.52	96		25	120
			2-Chlorophenol-d4	40	28.38	71		20	130
			4-Methylphenol-d8	40	17.21	43		25	125
			Nitrobenzene-d5	40	37.77	94		20	125
			2-Nitrophenol-d4	40	33.12	83		20	130
			2,4-Dichlorophenol-d3	40	31.07	78		20	120
			4-Chloroaniline-d4	40	28.65	72		1	146
			Dimethylphthalate-d6	40	38.70	97		25	130
			Acenaphthylene-d8	40	37.68	94		10	130
			4-Nitrophenol-d4	40	3.10	8	*	10	150
			Fluorene-d10	40	38.16	95		25	125
			4,6-Dinitro-2-methylphenol-d2	40	9.38	23		10	130
			Anthracene-d10	40	40.65	102		25	130
			Pyrene-d10	40	41.52	104		15	130
			Benzo(a)pyrene-d12	40	38.38	96		20	130
P2663-11	BHBZ5	BM045804.D	Pyridine-d5	40	7.81	20		20	120
			1,4-Dioxane-d8	8	4.61	58		15	120
			Phenol-d5	40	3.89	10		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.81	80		25	120
			2-Chlorophenol-d4	40	14.31	36		20	130
			4-Methylphenol-d8	40	10.88	27		25	125
			Nitrobenzene-d5	40	31.83	80		20	125
			2-Nitrophenol-d4	40	1.11	3	*	20	130
			2,4-Dichlorophenol-d3	40	8.50	21		20	120
			4-Chloroaniline-d4	40	28.65	72		1	146
			Dimethylphthalate-d6	40	25.49	64		25	130
			Acenaphthylene-d8	40	32.43	81		10	130
			4-Nitrophenol-d4	40	0.10	0	*	10	150

Surrogate Summary

SW-846

SDG No.: BM060324

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2663-11	BHBZ5	BM045804.D	Fluorene-d10	40	32.79	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	38.48	96		25	130
			Pyrene-d10	40	35.60	89		15	130
			Benzo(a)pyrene-d12	40	36.79	92		20	130
PB161265BL	PB161265BL	BM045808.D	1,4-Dioxane-d8	8	5.53	69		15	120
			Pyridine-d5	40	25.76	64		20	120
			Phenol-d5	40	28.55	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.09	75		25	120
			2-Chlorophenol-d4	40	30.25	76		20	130
			4-Methylphenol-d8	40	29.50	74		25	125
			Nitrobenzene-d5	40	30.26	76		20	125
			2-Nitrophenol-d4	40	29.72	74		20	130
			2,4-Dichlorophenol-d3	40	28.27	71		20	120
			4-Chloroaniline-d4	40	31.61	79		1	146
			Dimethylphthalate-d6	40	31.39	78		25	130
			Acenaphthylene-d8	40	29.70	74		10	130
			4-Nitrophenol-d4	40	18.49	46		10	150
			Fluorene-d10	40	30.26	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	12.79	32		10	130
			Anthracene-d10	40	30.87	77		25	130
			Pyrene-d10	40	33.07	83		15	130
			Benzo(a)pyrene-d12	40	30.28	76		20	130
			1,4-Dioxane-d8	8	5.98	75		15	120
			Pyridine-d5	40	31.13	78		20	120
			Phenol-d5	40	32.99	82		10	130
PB161265BS	PB161265BS	BM045807.D	Bis(2-Chloroethyl)ether-d8	40	33.57	84		25	120
			2-Chlorophenol-d4	40	34.64	87		20	130
			4-Methylphenol-d8	40	34.19	85		25	125
			Nitrobenzene-d5	40	33.49	84		20	125
			2-Nitrophenol-d4	40	33.11	83		20	130
			2,4-Dichlorophenol-d3	40	34.06	85		20	120
			4-Chloroaniline-d4	40	31.66	79		1	146
			Dimethylphthalate-d6	40	32.57	81		25	130
			Acenaphthylene-d8	40	32.94	82		10	130
			4-Nitrophenol-d4	40	32.02	80		10	150
			Fluorene-d10	40	32.67	82		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.53	49		10	130
			Anthracene-d10	40	34.01	85		25	130
			Pyrene-d10	40	33.21	83		15	130
			Benzo(a)pyrene-d12	40	34.40	86		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM060324

Lab Code: CHEM

SAS No.: BM060324

SDG NO.: BM060324

Lab File ID: BM045796.D

DFTPP Injection Date: 06/03/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:17

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	64.8
68	Less than 2.0% of mass 69	0.8 (1.6) 1
69	Mass 69 relative abundance	52.4
70	Less than 2.0% of mass 69	0.2 (0.3) 1
127	10.0 - 80.0% of mass 198	54.8
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.7
275	10.0 - 60.0% of mass 198	24.4
365	Greater than 1% of mass 198	3.7
441	Present, but less than mass 443	8.8
442	Greater than 50% of mass 198	52.6
443	15.0 - 24.0% of mass 442	10.7 (20.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020109	SSTDCCC020	BM045797.D	06/03/2024	08:56
SBLK893	PB160893BL	BM045798.D	06/03/2024	09:36
MDL-WATER-QT2-2024-03	P2409-01	BM045799.D	06/03/2024	10:55
MDL-SOIL-QT2-2024-03	P2409-03	BM045800.D	06/03/2024	11:34
MDL-MED-SOIL-QT2-2024-03	P2409-05	BM045801.D	06/03/2024	12:29
SBLK896	PB160896BL	BM045802.D	06/03/2024	13:09
SBLK897	PB160897BL	BM045803.D	06/03/2024	13:49
BHBZ5	P2663-11	BM045804.D	06/03/2024	14:29
BHBZ7	P2648-10	BM045805.D	06/03/2024	15:08
BHBZ6	P2648-20	BM045806.D	06/03/2024	15:48
SLCS265	PB161265BS	BM045807.D	06/03/2024	16:28
SBLK265	PB161265BL	BM045808.D	06/03/2024	17:08
SSTD020110	SSTDCCC020EC	BM045809.D	06/03/2024	17:48