

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN120524 SAS No.: BN120524 SDG No.: BN120524

Instrument ID: BNA_N Calibration Date/Time: 12/4/2024 1:09:07

Lab File ID: BN035415.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020351 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.475	0.470	0.010	-0.9269	40.0
Benzaldehyde	0.769	0.971	0.010	26.3755	40.0
Pyridine	1.119	1.219	0.010	8.918	40.0
Phenol	1.476	1.585	0.080	7.4186	20.0
Bis(2-Chloroethyl)ether	1.155	1.224	0.100	5.9428	20.0
2-Chlorophenol	1.256	1.292	0.200	2.8135	20.0
2-Methylphenol	1.146	1.225	0.010	6.894	20.0
2,2-oxybis(1-Chloropropane)	0.913	0.939	0.010	2.8321	40.0
Acetophenone	1.961	2.189	0.060	11.6244	20.0
4-Methylphenol	1.273	1.395	0.010	9.6046	20.0
N-Nitroso-di-n-propylamine	0.932	0.989	0.050	6.0506	30.0
Hexachloroethane	0.537	0.546	0.100	1.6232	20.0
Nitrobenzene	0.326	0.351	0.050	7.5626	25.0
Isophorone	0.654	0.680	0.050	4.0113	25.0
2-Nitrophenol	0.170	0.183	0.050	7.2007	25.0
2,4-Dimethylphenol	0.342	0.364	0.050	6.6195	25.0
Bis(2-Chloroethoxy)methane	0.398	0.409	0.050	2.6647	20.0
2,4-Dichlorophenol	0.333	0.358	0.060	7.6568	20.0
Naphthalene	1.016	1.048	0.200	3.1299	20.0
4-Chloroaniline	0.389	0.434	0.010	11.5351	40.0
Hexachlorobutadiene	0.235	0.247	0.040	5.0304	30.0
Caprolactam	0.096	0.098	0.010	2.4718	40.0
4-Chloro-3-methylphenol	0.346	0.365	0.040	5.3545	25.0
1-Methylnaphthalene	0.776	0.819	0.100	5.5994	20.0
2-Methylnaphthalene	0.757	0.800	0.100	5.6725	20.0
Hexachlorocyclopentadiene	0.296	0.313	0.010	5.8746	40.0
2,4,6-Trichlorophenol	0.382	0.411	0.090	7.5326	25.0
2,4,5-Trichlorophenol	0.426	0.450	0.100	5.705	25.0
1,1-Biphenyl	1.380	1.442	0.200	4.4363	20.0
2-Chloronaphthalene	1.104	1.150	0.300	4.1797	20.0
2-Nitroaniline	0.217	0.237	0.050	9.3801	40.0
Dimethylphthalate	1.437	1.519	0.300	5.7359	20.0
2,6-Dinitrotoluene	0.239	0.267	0.080	11.351	30.0
Acenaphthylene	1.681	1.735	0.400	3.2321	20.0
3-Nitroaniline	0.248	0.276	0.010	11.4585	40.0
Acenaphthene	1.210	1.253	0.200	3.5954	20.0
2,4-Dinitrophenol	0.167	0.159	0.010	-4.6613	40.0
4-Nitrophenol	0.223	0.249	0.010	11.4211	40.0
Dibenzofuran	1.720	1.807	0.300	5.0626	20.0

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Instrument ID: BNA_N Calibration Date/Time: 12/4/2024 1:09:07

Lab File ID: BN035415.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020351 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.380	0.436	0.070	14.6739	30.0
Diethylphthalate	1.404	1.501	0.300	6.9001	20.0
Fluorene	1.386	1.453	0.200	4.8229	20.0
4-Chlorophenyl-phenylether	0.708	0.758	0.100	7.0355	20.0
4-Nitroaniline	0.241	0.290	0.010	20.3996	40.0
4,6-Dinitro-2-methylphenol	0.114	0.127	0.010	10.6964	40.0
N-Nitrosodiphenylamine	0.531	0.565	0.050	6.2434	20.0
1,2,4,5-Tetrachlorobenzene	0.589	0.626	0.100	6.2842	20.0
4-Bromophenyl-phenylether	0.202	0.215	0.070	6.2745	20.0
Hexachlorobenzene	0.240	0.259	0.050	7.8224	25.0
Atrazine	0.190	0.216	0.010	13.7977	25.0
Pentachlorophenol	0.152	0.169	0.010	10.5987	40.0
Phenanthrene	1.030	1.079	0.200	4.7556	20.0
Pentachlorobenzene	0.273	0.285	0.050	4.3478	20.0
Anthracene	1.040	1.090	0.200	4.8847	20.0
1,2,3,4-Tetrachlorobenzene	0.265	0.272	0.050	2.5794	20.0
Carbazole	0.865	1.000	0.050	15.5425	40.0
Di-n-butylphthalate	1.007	1.087	0.500	7.9534	25.0
Fluoranthene	1.240	1.266	0.400	2.1041	25.0
Pyrene	1.330	1.365	0.400	2.6361	25.0
Butylbenzylphthalate	0.375	0.396	0.100	5.6377	40.0
3,3-Dichlorobenzidine	0.357	0.383	0.010	7.328	40.0
Benzo (a) anthracene	1.343	1.398	0.300	4.1221	30.0
Chrysene	1.294	1.342	0.200	3.7586	30.0
Bis(2-ethylhexyl)phthalate	0.591	0.624	0.200	5.6852	40.0
Di-n-octyl phthalate	0.909	0.885	0.010	-2.6082	40.0
Benzo (b) fluoranthene	1.153	1.182	0.200	2.4928	25.0
Benzo (k) fluoranthene	1.180	1.214	0.200	2.8434	25.0
Benzo (a) pyrene	1.082	1.145	0.200	5.8354	20.0
Indeno (1,2,3-cd) pyrene	1.291	1.370	0.200	6.182	25.0
Dibenzo (a,h) anthracene	1.046	1.110	0.200	6.1251	30.0
Benzo (g,h,i) perylene	0.980	1.036	0.200	5.8072	30.0
2,3,4,6-Tetrachlorophenol	0.371	0.394	0.040	6.1051	20.0
1,4-Dioxane-d8	0.423	0.426	0.010	0.6882	25.0
Pyridine-d5	1.116	1.199	0.010	7.5079	40.0
Phenol-d5	1.425	1.500	0.010	5.305	25.0
Bis- (2-Chloroethyl) ether-d8	0.795	0.853	0.050	7.3105	25.0
2-Chlorophenol-d4	1.207	1.246	0.200	3.166	20.0
4-Methylphenol-d8	1.242	1.295	0.010	4.3136	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN120524 SAS No.: BN120524 SDG No.: BN120524

Instrument ID: BNA_N Calibration Date/Time: 12/4/2024 1:09:07

Lab File ID: BN035415.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020351 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.130	0.135	0.050	3.5261	20.0
2-Nitrophenol-d4	0.150	0.162	0.050	7.4954	30.0
2,4-Dichlorophenol-d3	0.329	0.350	0.060	6.5022	20.0
4-Chloroaniline-d4	0.406	0.448	0.010	10.2547	40.0
Dimethylphthalate-d6	1.436	1.526	0.300	6.2585	20.0
Acenaphthylene-d8	1.582	1.660	0.400	4.9676	20.0
4-Nitrophenol-d4	0.236	0.253	0.010	7.1247	40.0
Fluorene-d10	1.240	1.308	0.100	5.475	20.0
4,6-Dinitro-2-methylphenol-d2	0.105	0.113	0.010	7.3065	40.0
Anthracene-d10	0.882	0.950	0.300	7.6961	20.0
Pyrene-d10	1.056	1.064	0.300	0.686	25.0
Benzo(a)pyrene-d12	0.968	1.035	0.010	6.9039	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.: BN120524 SAS No.: BN120524 SDG No.: BN120524

Instrument ID: BNA_N Calibration Date/Time: 12/4/2024 1:14:31

Lab File ID: BN035422.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020352 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.475	0.453	0.010	-4.5994	50.0
Benzaldehyde	0.769	0.979	0.010	27.3963	50.0
Pyridine	1.119	1.212	0.010	8.3071	50.0
Phenol	1.476	1.546	0.080	4.7705	50.0
Bis(2-Chloroethyl)ether	1.155	1.207	0.100	4.4408	50.0
2-Chlorophenol	1.256	1.270	0.200	1.0735	50.0
2-Methylphenol	1.146	1.194	0.010	4.1767	50.0
2,2-oxybis(1-Chloropropane)	0.913	0.947	0.010	3.7371	50.0
Acetophenone	1.961	2.085	0.060	6.3525	50.0
4-Methylphenol	1.273	1.354	0.010	6.3493	50.0
N-Nitroso-di-n-propylamine	0.932	0.962	0.050	3.15	50.0
Hexachloroethane	0.537	0.539	0.100	0.417	50.0
Nitrobenzene	0.326	0.353	0.050	8.1335	50.0
Isophorone	0.654	0.682	0.050	4.3364	50.0
2-Nitrophenol	0.170	0.185	0.050	8.2983	50.0
2,4-Dimethylphenol	0.342	0.362	0.050	5.9767	50.0
Bis(2-Chloroethoxy)methane	0.398	0.408	0.050	2.4221	50.0
2,4-Dichlorophenol	0.333	0.353	0.060	6.1798	50.0
Naphthalene	1.016	1.050	0.200	3.3176	50.0
4-Chloroaniline	0.389	0.422	0.010	8.4916	50.0
Hexachlorobutadiene	0.235	0.246	0.040	4.8617	50.0
Caprolactam	0.096	0.102	0.010	6.4346	50.0
4-Chloro-3-methylphenol	0.346	0.367	0.040	6.0162	50.0
1-Methylnaphthalene	0.776	0.810	0.100	4.3735	50.0
2-Methylnaphthalene	0.757	0.791	0.100	4.4948	50.0
Hexachlorocyclopentadiene	0.296	0.329	0.010	11.2001	50.0
2,4,6-Trichlorophenol	0.382	0.416	0.090	8.9402	50.0
2,4,5-Trichlorophenol	0.426	0.467	0.100	9.5689	50.0
1,1-Biphenyl	1.380	1.432	0.200	3.752	50.0
2-Chloronaphthalene	1.104	1.165	0.300	5.5602	50.0
2-Nitroaniline	0.217	0.251	0.050	15.6675	50.0
Dimethylphthalate	1.437	1.527	0.300	6.3151	50.0
2,6-Dinitrotoluene	0.239	0.281	0.080	17.3229	50.0
Acenaphthylene	1.681	1.770	0.400	5.312	50.0
3-Nitroaniline	0.248	0.278	0.010	12.2404	50.0
Acenaphthene	1.210	1.254	0.200	3.6489	50.0
2,4-Dinitrophenol	0.167	0.168	0.010	0.4736	50.0
4-Nitrophenol	0.223	0.251	0.010	12.1688	50.0
Dibenzofuran	1.720	1.816	0.300	5.5677	50.0

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EPA Sample No.: SSTD020352 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.380	0.436	0.070	14.6216	50.0
Diethylphthalate	1.404	1.463	0.300	4.1774	50.0
Fluorene	1.386	1.462	0.200	5.5222	50.0
4-Chlorophenyl-phenylether	0.708	0.737	0.100	4.1242	50.0
4-Nitroaniline	0.241	0.291	0.010	21.1479	50.0
4,6-Dinitro-2-methylphenol	0.114	0.125	0.010	9.4818	50.0
N-Nitrosodiphenylamine	0.531	0.548	0.050	3.1496	50.0
1,2,4,5-Tetrachlorobenzene	0.589	0.633	0.100	7.4734	50.0
4-Bromophenyl-phenylether	0.202	0.213	0.070	5.346	50.0
Hexachlorobenzene	0.240	0.256	0.050	6.5694	50.0
Atrazine	0.190	0.217	0.010	14.5182	50.0
Pentachlorophenol	0.152	0.168	0.010	9.9986	50.0
Phenanthrene	1.030	1.080	0.200	4.8536	50.0
Pentachlorobenzene	0.273	0.282	0.050	3.2993	50.0
Anthracene	1.040	1.113	0.200	7.0378	50.0
1,2,3,4-Tetrachlorobenzene	0.265	0.272	0.050	2.5484	50.0
Carbazole	0.865	1.006	0.050	16.2884	50.0
Di-n-butylphthalate	1.007	1.089	0.500	8.103	50.0
Fluoranthene	1.240	1.302	0.400	5.0528	50.0
Pyrene	1.330	1.391	0.400	4.6017	50.0
Butylbenzylphthalate	0.375	0.402	0.100	7.357	50.0
3,3-Dichlorobenzidine	0.357	0.397	0.010	11.43	50.0
Benzo (a) anthracene	1.343	1.379	0.300	2.7402	50.0
Chrysene	1.294	1.341	0.200	3.6537	50.0
Bis(2-ethylhexyl)phthalate	0.591	0.642	0.200	8.7065	50.0
Di-n-octyl phthalate	0.909	0.936	0.010	2.9584	50.0
Benzo (b) fluoranthene	1.153	1.260	0.200	9.2788	50.0
Benzo (k) fluoranthene	1.180	1.242	0.200	5.1922	50.0
Benzo (a) pyrene	1.082	1.155	0.200	6.7804	50.0
Indeno (1,2,3-cd) pyrene	1.291	1.366	0.200	5.8349	50.0
Dibenzo (a,h) anthracene	1.046	1.102	0.200	5.4089	50.0
Benzo (g,h,i) perylene	0.980	1.012	0.200	3.297	50.0
2,3,4,6-Tetrachlorophenol	0.371	0.395	0.040	6.3643	50.0
1,4-Dioxane-d8	0.423	0.438	0.010	3.5596	50.0
Pyridine-d5	1.116	1.210	0.010	8.4707	50.0
Phenol-d5	1.425	1.497	0.010	5.0738	50.0
Bis- (2-Chloroethyl) ether-d8	0.795	0.833	0.050	4.7909	50.0
2-Chlorophenol-d4	1.207	1.239	0.200	2.6346	50.0
4-Methylphenol-d8	1.242	1.281	0.010	3.1306	50.0

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EPA Sample No.: SSTD020352 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.130	0.142	0.050	9.3763	50.0
2-Nitrophenol-d4	0.150	0.165	0.050	9.6314	50.0
2,4-Dichlorophenol-d3	0.329	0.350	0.060	6.5477	50.0
4-Chloroaniline-d4	0.406	0.442	0.010	8.8284	50.0
Dimethylphthalate-d6	1.436	1.535	0.300	6.9136	50.0
Acenaphthylene-d8	1.582	1.705	0.400	7.798	50.0
4-Nitrophenol-d4	0.236	0.264	0.010	11.468	50.0
Fluorene-d10	1.240	1.303	0.100	5.0569	50.0
4,6-Dinitro-2-methylphenol-d2	0.105	0.110	0.010	4.6597	50.0
Anthracene-d10	0.882	0.939	0.300	6.4454	50.0
Pyrene-d10	1.056	1.095	0.300	3.654	50.0
Benzo(a)pyrene-d12	0.968	1.037	0.010	7.0478	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK168	SDG No.:	BN120524
Lab Sample ID:	PB165168BL	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
BN035416.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.85	U	0.85	10	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	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	2.1	U	2.1	5	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	0.89	U	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	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	0.72	U	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	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	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK168	SDG No.:	BN120524
Lab Sample ID:	PB165168BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	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
BN035416.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.97	U	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2	U	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.6	U	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	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	2.7	U	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.75	U	0.75	2.5	5	ug/L
86-74-8	Carbazole	2	U	2	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:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK168	SDG No.:	BN120524
Lab Sample ID:	PB165168BL	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
BN035416.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165168

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	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	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	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.17		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	30.958		20-120		77	SPK: -40
4165-62-2	Phenol-d5	30.638		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.039		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.842		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	30.363		25-125		76	SPK: -40
4165-60-0	Nitrobenzene-d5	32.034		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.289		20-130		83	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.267		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.883		1-146		77	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.09		25-130		80	SPK: -40
93951-97-4	Acenaphthylene-d8	31.097		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.367		10-150		71	SPK: -40
81103-79-9	Fluorene-d10	31.184		25-125		78	SPK: -40

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK168	SDG No.:	BN120524
Lab Sample ID:	PB165168BL	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
BN035416.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.527		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	31.27		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	31.36		15-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.478		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86840	7.299				
1146-65-2	Naphthalene-d8	372596	10.046				
15067-26-2	Acenaphthene-d10	286883	13.957				
1517-22-2	Phenanthrene-d10	677051	16.728				
1719-03-5	Chrysene-d12	684791	20.975				
1520-96-3	Perylene-d12	777842	23.645				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BN120524
Lab Sample ID:	PB165173BL	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
BN035417.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12	U	12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	48	U	48	82.5	330	ug/Kg
110-86-1	Pyridine	12	U	12	170	330	ug/Kg
108-95-2	Phenol	45	U	45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	35	U	35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	22	U	22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	29	U	29	82.5	330	ug/Kg
98-86-2	Acetophenone	59	U	59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	41	U	41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	37	U	37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	16	U	16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	27	U	27	42.5	170	ug/Kg
78-59-1	Isophorone	36	U	36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	30	U	30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	8.5	U	8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	31	U	31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	34	U	34	42.5	170	ug/Kg
91-20-3	Naphthalene	33	U	33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	44	U	44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	26	U	26	42.5	170	ug/Kg
105-60-2	Caprolactam	40	U	40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	36	U	36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	19	U	19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	37	U	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	19	U	19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50	U	50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	49	U	49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BN120524
Lab Sample ID:	PB165173BL	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
BN035417.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	46	U	46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	44	U	44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	22	U	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	38	U	38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	26	U	26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	46	U	46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	14	U	14	82.5	330	ug/Kg
83-32-9	Acenaphthene	50	U	50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	32	U	32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	11	U	11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	40	U	40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	13	U	13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	41	U	41	42.5	170	ug/Kg
86-73-7	Fluorene	58	U	58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	48	U	48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	16	U	16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	39	U	39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	45	U	45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	45	U	45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	99	U	99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	50	U	50	42.5	170	ug/Kg
1912-24-9	Atrazine	11	U	11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	38	U	38	82.5	330	ug/Kg
85-01-8	Phenanthrene	53	U	53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	36	U	36	42.5	170	ug/Kg
120-12-7	Anthracene	47	U	47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	5.6	U	5.6	42.5	170	ug/Kg
86-74-8	Carbazole	61	U	61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	57	U	57	42.5	170	ug/Kg
206-44-0	Fluoranthene	45	U	45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BN120524
Lab Sample ID:	PB165173BL	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
BN035417.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	46	U	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	43	U	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	25	U	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	46	U	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	43	U	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	43	U	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	48	U	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	58	U	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	57	U	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	45	U	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	52	U	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	46	U	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	52	U	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.134		15-120		77	SPK: -8
7291-22-7	Pyridine-d5	31.19		20-120		78	SPK: -40
4165-62-2	Phenol-d5	30.486		10-130		76	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.162		10-150		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.641		15-120		77	SPK: -40
190780-66-6	4-Methylphenol-d8	30.228		10-140		76	SPK: -40
4165-60-0	Nitrobenzene-d5	33.524		10-135		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	33.682		10-120		84	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.519		10-140		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.8		1-145		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.351		10-145		83	SPK: -40
93951-97-4	Acenaphthylene-d8	31.199		15-120		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	29.209		10-150		73	SPK: -40
81103-79-9	Fluorene-d10	32.319		20-140		81	SPK: -40

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BN120524
Lab Sample ID:	PB165173BL	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
BN035417.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.382		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	32.281		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	32.428		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.539		10-140		81	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88950	7.299				
1146-65-2	Naphthalene-d8	370914	10.046				
15067-26-2	Acenaphthene-d10	290184	13.957				
1517-22-2	Phenanthrene-d10	672043	16.728				
1719-03-5	Chrysene-d12	676479	20.974				
1520-96-3	Perylene-d12	784743	23.651				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT4-2024-08	SDG No.:	BN120524
Lab Sample ID:	P4776-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035418.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	J	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	4.8	J	1.4	5	10	ug/L
110-86-1	Pyridine	4.3	J	0.85	10	10	ug/L
108-95-2	Phenol	4.3	J	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	4.4	J	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	4.3	J	1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	4	J	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.2	J	1.4	5	10	ug/L
98-86-2	Acetophenone	4.6	J	2.1	5	10	ug/L
106-44-5	4-Methylphenol	4.2	J	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	4.1	J	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	4.1	J	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	4.4	J	1.3	2.5	5	ug/L
78-59-1	Isophorone	4	J	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	4.1	J	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	3.1	J	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	4.2	J	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	4.3	J	1.4	2.5	5	ug/L
91-20-3	Naphthalene	4.4	J	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	4.3	J	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	4.4	J	1.1	2.5	5	ug/L
105-60-2	Caprolactam	3.7	J	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	3.8	J	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	3.9	J	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	4.3	J	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	4.1	J	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	4.1	J	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	4.1	J	1.7	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT4-2024-08	SDG No.:	BN120524
Lab Sample ID:	P4776-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035418.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4.4	J	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4.5	J	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	3.4	J	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	4.4	J	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	3.4	J	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	4.5	J	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	3.3	J	0.86	5	10	ug/L
83-32-9	Acenaphthene	4.5	J	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.2	J	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	4.3	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	4.6	J	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	3.8	J	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	4.1	J	1.5	2.5	5	ug/L
86-73-7	Fluorene	4.6	J	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.7	J	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	3.8	J	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.5	J	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	4.3	J	1.7	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	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	4.5	J	1.9	2.5	5	ug/L
1912-24-9	Atrazine	4.4	J	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	5.9	J	1.7	5	10	ug/L
85-01-8	Phenanthrene	4.7	J	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	3.9	J	1.3	2.5	5	ug/L
120-12-7	Anthracene	4.4	J	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4	J	0.75	2.5	5	ug/L
86-74-8	Carbazole	4.8	J	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	4.2	J	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	4.5	J	1.7	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT4-2024-08	SDG No.:	BN120524
Lab Sample ID:	P4776-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035418.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4.7	J	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	3.9	J	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3.1	J	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	4.6	J	1.5	2.5	5	ug/L
218-01-9	Chrysene	4.7	J	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.9	J	1.5	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	3.4	J	1.3	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	4.4	J	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	4.2	J	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.9	J	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	4	J	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	4.1	J	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.1	J	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.361		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	13.183		20-120		33	SPK: -40
4165-62-2	Phenol-d5	12.76		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.442		25-120		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.522		20-130		31	SPK: -40
190780-66-6	4-Methylphenol-d8	12.127		25-125		30	SPK: -40
4165-60-0	Nitrobenzene-d5	12.695		20-125		32	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.562		20-130		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.531		20-120		31	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.772		1-146		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.091		25-130		33	SPK: -40
93951-97-4	Acenaphthylene-d8	13.135		10-130		33	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.989		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	13.496		25-125		34	SPK: -40

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT4-2024-08	SDG No.:	BN120524
Lab Sample ID:	P4776-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN035418.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.843		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	13.329		25-130		33	SPK: -40
1718-52-1	Pyrene-d10	13.26		15-130		33	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.385		20-130		33	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	99012	7.299				
1146-65-2	Naphthalene-d8	415684	10.046				
15067-26-2	Acenaphthene-d10	314055	13.957				
1517-22-2	Phenanthrene-d10	717058	16.728				
1719-03-5	Chrysene-d12	752335	20.974				
1520-96-3	Perylene-d12	856329	23.651				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT4-2024-08	SDG No.:	BN120524
Lab Sample ID:	P4776-04	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
BN035419.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	43	J	12	6.6	67	ug/Kg
100-52-7	Benzaldehyde	160	J	48	82.5	330	ug/Kg
110-86-1	Pyridine	140	J	12	170	330	ug/Kg
108-95-2	Phenol	140	J	45	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	150	J	35	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	140	J	22	42.5	170	ug/Kg
95-48-7	2-Methylphenol	130	J	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	J	29	82.5	330	ug/Kg
98-86-2	Acetophenone	150	J	59	82.5	330	ug/Kg
106-44-5	4-Methylphenol	140	J	41	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	J	37	42.5	170	ug/Kg
67-72-1	Hexachloroethane	140	J	16	42.5	170	ug/Kg
98-95-3	Nitrobenzene	150	J	27	42.5	170	ug/Kg
78-59-1	Isophorone	130	J	36	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	140	J	30	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	100	J	8.5	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	140	J	31	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	140	J	34	42.5	170	ug/Kg
91-20-3	Naphthalene	150	J	33	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	150	J	44	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	150	J	26	42.5	170	ug/Kg
105-60-2	Caprolactam	130	J	40	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	J	36	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	130	J	19	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	140	J	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	J	19	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	J	50	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	J	49	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT4-2024-08	SDG No.:	BN120524
Lab Sample ID:	P4776-04	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
BN035419.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	150	J	46	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	150	J	44	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	120	J	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	150	J	38	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	120	J	26	42.5	170	ug/Kg
208-96-8	Acenaphthylene	150	J	46	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	120	J	14	82.5	330	ug/Kg
83-32-9	Acenaphthene	150	J	50	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	170	J	32	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	140	J	11	82.5	330	ug/Kg
132-64-9	Dibenzofuran	160	J	40	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	130	J	13	42.5	170	ug/Kg
84-66-2	Diethylphthalate	140	J	41	42.5	170	ug/Kg
86-73-7	Fluorene	160	J	58	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	160	J	48	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	130	J	16	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	J	39	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	150	J	45	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	160	J	45	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	J	99	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	150	J	50	42.5	170	ug/Kg
1912-24-9	Atrazine	150	J	11	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	200	J	38	82.5	330	ug/Kg
85-01-8	Phenanthrene	160	J	53	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	140	J	36	42.5	170	ug/Kg
120-12-7	Anthracene	150	J	47	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	140	J	5.6	42.5	170	ug/Kg
86-74-8	Carbazole	160	J	61	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	140	J	57	42.5	170	ug/Kg
206-44-0	Fluoranthene	150	J	45	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT4-2024-08	SDG No.:	BN120524
Lab Sample ID:	P4776-04	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
BN035419.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	J	46	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	130	J	43	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	100	J	25	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	39	42.5	170	ug/Kg
218-01-9	Chrysene	150	J	46	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	J	43	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	120	J	43	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	48	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	58	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	57	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	J	45	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	52	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	140	J	46	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	J	52	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.333		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	12.621		20-120		32	SPK: -40
4165-62-2	Phenol-d5	12.644		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.135		10-150		33	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.509		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	11.932		10-140		30	SPK: -40
4165-60-0	Nitrobenzene-d5	12.925		10-135		32	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.058		10-120		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.464		10-140		31	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.798		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.26		10-145		33	SPK: -40
93951-97-4	Acenaphthylene-d8	13.537		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.11		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	13.43		20-140		34	SPK: -40

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT4-2024-08	SDG No.:	BN120524
Lab Sample ID:	P4776-04	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
BN035419.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.897		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	13.258		10-150		33	SPK: -40
1718-52-1	Pyrene-d10	13.168		10-130		33	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.552		10-140		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	108610	7.299				
1146-65-2	Naphthalene-d8	448341	10.046				
15067-26-2	Acenaphthene-d10	329848	13.957				
1517-22-2	Phenanthrene-d10	749936	16.728				
1719-03-5	Chrysene-d12	799012	20.98				
1520-96-3	Perylene-d12	884800	23.651				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	46	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT4-2024-08	SDG No.:	BN120524
Lab Sample ID:	P4776-06	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
BN035420.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1300	J	340	190	2000	ug/Kg
100-52-7	Benzaldehyde	4800	J	1400	2400	9800	ug/Kg
110-86-1	Pyridine	4200	J	210	4900	9800	ug/Kg
108-95-2	Phenol	4100	J	1300	2400	9800	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4400	J	860	2400	9800	ug/Kg
95-57-8	2-Chlorophenol	4100	J	650	1300	4900	ug/Kg
95-48-7	2-Methylphenol	3800	J	1200	2400	9800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	4300	J	820	2400	9800	ug/Kg
98-86-2	Acetophenone	4500	J	1700	2400	9800	ug/Kg
106-44-5	4-Methylphenol	4000	J	1300	2400	9800	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4000	J	940	1300	4900	ug/Kg
67-72-1	Hexachloroethane	4100	J	400	1300	4900	ug/Kg
98-95-3	Nitrobenzene	4100	J	900	1300	4900	ug/Kg
78-59-1	Isophorone	4000	J	1200	1300	4900	ug/Kg
88-75-5	2-Nitrophenol	4100	J	1100	1300	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	2900	J	270	1300	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4200	J	900	1300	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	4200	J	920	1300	4900	ug/Kg
91-20-3	Naphthalene	4400	J	1100	1300	4900	ug/Kg
106-47-8	4-Chloroaniline	4400	J	1300	1300	9800	ug/Kg
87-68-3	Hexachlorobutadiene	4300	J	720	1300	4900	ug/Kg
105-60-2	Caprolactam	3700	J	1500	2400	9800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3800	J	1200	1300	4900	ug/Kg
90-12-0	1-Methylnaphthalene	3800	J	510	1300	4900	ug/Kg
91-57-6	2-Methylnaphthalene	4300	J	1200	1300	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	3700	J	660	2400	9800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3900	J	1600	1300	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4100	J	1400	1300	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT4-2024-08	SDG No.:	BN120524
Lab Sample ID:	P4776-06	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
BN035420.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4400	J	1400	1300	4900	ug/Kg
91-58-7	2-Chloronaphthalene	4400	J	1400	1300	4900	ug/Kg
88-74-4	2-Nitroaniline	3400	J	430	1300	4900	ug/Kg
131-11-3	Dimethylphthalate	4200	J	1200	1300	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	3200	J	600	1300	4900	ug/Kg
208-96-8	Acenaphthylene	4400	J	1500	1300	4900	ug/Kg
99-09-2	3-Nitroaniline	3200	J	240	2400	9800	ug/Kg
83-32-9	Acenaphthene	4300	J	1500	1300	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	4800	J	780	2400	9800	ug/Kg
100-02-7	4-Nitrophenol	3900	J	190	2400	9800	ug/Kg
132-64-9	Dibenzofuran	4400	J	1400	1300	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	3700	J	320	1300	4900	ug/Kg
84-66-2	Diethylphthalate	4100	J	1300	1300	4900	ug/Kg
86-73-7	Fluorene	4500	J	1800	1300	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4600	J	1600	1300	4900	ug/Kg
100-01-6	4-Nitroaniline	3700	J	550	2400	9800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4200	J	1200	2400	9800	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4200	J	1500	1300	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4400	J	1400	1300	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4300	J	2700	1300	4900	ug/Kg
118-74-1	Hexachlorobenzene	4500	J	1500	1300	4900	ug/Kg
1912-24-9	Atrazine	4300	J	270	2400	9800	ug/Kg
87-86-5	Pentachlorophenol	5900	J	1200	2400	9800	ug/Kg
85-01-8	Phenanthrene	4600	J	1700	1300	4900	ug/Kg
608-93-5	Pentachlorobenzene	4000	J	1100	1300	4900	ug/Kg
120-12-7	Anthracene	4400	J	1600	1300	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	4000	J	280	1300	4900	ug/Kg
86-74-8	Carbazole	4600	J	1900	2400	9800	ug/Kg
84-74-2	Di-n-butylphthalate	3900	J	1800	1300	4900	ug/Kg
206-44-0	Fluoranthene	4200	J	1300	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT4-2024-08	SDG No.:	BN120524
Lab Sample ID:	P4776-06	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
BN035420.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4500	J	1200	1300	4900	ug/Kg
85-68-7	Butylbenzylphthalate	3700	J	1200	1300	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2900	J	750	2400	9800	ug/Kg
56-55-3	Benzo(a)anthracene	4300	J	1100	1300	4900	ug/Kg
218-01-9	Chrysene	4300	J	1200	1300	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3800	J	1200	1300	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	3600	J	1400	2400	9800	ug/Kg
205-99-2	Benzo(b)fluoranthene	4300	J	1700	1300	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	4500	J	1800	1300	4900	ug/Kg
50-32-8	Benzo(a)pyrene	4200	J	1700	1300	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4100	J	1600	1300	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4000	J	1700	1300	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4100	J	1700	1300	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4100	J	1600	1300	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.315		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	13.027		20-120		33	SPK: -40
4165-62-2	Phenol-d5	12.641		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.507		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.678		15-120		32	SPK: -40
190780-66-6	4-Methylphenol-d8	12.137		10-140		30	SPK: -40
4165-60-0	Nitrobenzene-d5	12.609		10-135		32	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.498		10-120		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.246		10-140		31	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.812		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.12		10-145		33	SPK: -40
93951-97-4	Acenaphthylene-d8	13.264		15-120		33	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.42		10-150		29	SPK: -40
81103-79-9	Fluorene-d10	13.117		20-140		33	SPK: -40

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT4-2024-08	SDG No.:	BN120524
Lab Sample ID:	P4776-06	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
BN035420.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.247		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	13.188		10-150		33	SPK: -40
1718-52-1	Pyrene-d10	13.35		10-130		33	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.668		10-140		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	93684	7.299				
1146-65-2	Naphthalene-d8	394697	10.046				
15067-26-2	Acenaphthene-d10	301900	13.957				
1517-22-2	Phenanthrene-d10	683755	16.728				
1719-03-5	Chrysene-d12	706791	20.974				
1520-96-3	Perylene-d12	751861	23.651				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1400	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK149	SDG No.:	BN120524
Lab Sample ID:	PB165149BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 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
BN035421.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	350	U	350	200	2000	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	2500	10000	ug/Kg
110-86-1	Pyridine	210	U	210	5000	10000	ug/Kg
108-95-2	Phenol	1300	U	1300	2500	10000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	880	U	880	2500	10000	ug/Kg
95-57-8	2-Chlorophenol	660	U	660	1300	5000	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	2500	10000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	840	U	840	2500	10000	ug/Kg
98-86-2	Acetophenone	1700	U	1700	2500	10000	ug/Kg
106-44-5	4-Methylphenol	1300	U	1300	2500	10000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	960	U	960	1300	5000	ug/Kg
67-72-1	Hexachloroethane	410	U	410	1300	5000	ug/Kg
98-95-3	Nitrobenzene	920	U	920	1300	5000	ug/Kg
78-59-1	Isophorone	1200	U	1200	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	1100	U	1100	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	280	U	280	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	920	U	920	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	940	U	940	1300	5000	ug/Kg
91-20-3	Naphthalene	1100	U	1100	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	1300	U	1300	1300	10000	ug/Kg
87-68-3	Hexachlorobutadiene	730	U	730	1300	5000	ug/Kg
105-60-2	Caprolactam	1500	U	1500	2500	10000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1200	U	1200	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	520	U	520	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	1200	U	1200	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	670	U	670	2500	10000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600	U	1600	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1400	U	1400	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK149	SDG No.:	BN120524
Lab Sample ID:	PB165149BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 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
BN035421.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1400	U	1400	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	1400	U	1400	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	440	U	440	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	1200	U	1200	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	610	U	610	1300	5000	ug/Kg
208-96-8	Acenaphthylene	1500	U	1500	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	240	U	240	2500	10000	ug/Kg
83-32-9	Acenaphthene	1500	U	1500	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	800	U	800	2500	10000	ug/Kg
100-02-7	4-Nitrophenol	190	U	190	2500	10000	ug/Kg
132-64-9	Dibenzofuran	1400	U	1400	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	330	U	330	1300	5000	ug/Kg
84-66-2	Diethylphthalate	1300	U	1300	1300	5000	ug/Kg
86-73-7	Fluorene	1800	U	1800	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600	U	1600	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	560	U	560	2500	10000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1200	U	1200	2500	10000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	1500	U	1500	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1400	U	1400	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2800	U	2800	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	1500	U	1500	1300	5000	ug/Kg
1912-24-9	Atrazine	280	U	280	2500	10000	ug/Kg
87-86-5	Pentachlorophenol	1200	U	1200	2500	10000	ug/Kg
85-01-8	Phenanthrene	1700	U	1700	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	1100	U	1100	1300	5000	ug/Kg
120-12-7	Anthracene	1600	U	1600	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	290	U	290	1300	5000	ug/Kg
86-74-8	Carbazole	1900	U	1900	2500	10000	ug/Kg
84-74-2	Di-n-butylphthalate	1800	U	1800	1300	5000	ug/Kg
206-44-0	Fluoranthene	1300	U	1300	2500	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK149	SDG No.:	BN120524
Lab Sample ID:	PB165149BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 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
BN035421.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1200	U	1200	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	1200	U	1200	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	760	U	760	2500	10000	ug/Kg
56-55-3	Benzo(a)anthracene	1100	U	1100	1300	5000	ug/Kg
218-01-9	Chrysene	1200	U	1200	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1200	U	1200	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	1400	U	1400	2500	10000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1700	U	1700	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	1800	U	1800	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	1700	U	1700	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600	U	1600	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1700	U	1700	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1700	U	1700	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1600	U	1600	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.26		15-120		78	SPK: -8
7291-22-7	Pyridine-d5	30.836		20-120		77	SPK: -40
4165-62-2	Phenol-d5	30.598		10-130		76	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	31.755		10-150		79	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.486		15-120		76	SPK: -40
190780-66-6	4-Methylphenol-d8	30.302		10-140		76	SPK: -40
4165-60-0	Nitrobenzene-d5	31.992		10-135		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.861		10-120		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.756		10-140		74	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.521		1-145		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	33.729		10-145		84	SPK: -40
93951-97-4	Acenaphthylene-d8	31.414		15-120		79	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.702		10-150		72	SPK: -40
81103-79-9	Fluorene-d10	32.069		20-140		80	SPK: -40

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK149	SDG No.:	BN120524
Lab Sample ID:	PB165149BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 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
BN035421.D	1	11/21/2024 12:00:00 AM	12/4/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.201		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	32.527		10-150		81	SPK: -40
1718-52-1	Pyrene-d10	31.403		10-130		79	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	32.025		10-140		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80917	7.299				
1146-65-2	Naphthalene-d8	344364	10.046				
15067-26-2	Acenaphthene-d10	262537	13.957				
1517-22-2	Phenanthrene-d10	610045	16.728				
1719-03-5	Chrysene-d12	631100	20.975				
1520-96-3	Perylene-d12	727669	23.651				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1400	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN120524

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-WATER-QT4-2024-08							
P4776-02	MDL-WATER-QT4-2024 Water	Total Alkanes	*	0.000	1.9	5	ug/L
		Total Tics :			0.00		
P4776-02	MDL-WATER-QT4-2024 Water	1,1-Biphenyl	4.400	J	1.9	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	1,2,3,4-Tetrachlorobenzene	4.000	J	0.75	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	1,2,4,5-Tetrachlorobenzene	4.600	J	1.8	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	1,4-Dioxane	1.300	J	0.31	2	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	1-Methylnaphthalene	3.900	J	0.97	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,2-oxybis(1-Chloropropane)	4.200	J	1.4	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,3,4,6-Tetrachlorophenol	4.100	J	1.8	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4,5-Trichlorophenol	4.100	J	1.7	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4,6-Trichlorophenol	4.100	J	1.9	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4-Dichlorophenol	4.300	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4-Dimethylphenol	3.100	J	0.72	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4-Dinitrophenol	5.200	J	1.9	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4-Dinitrotoluene	3.800	J	0.97	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,6-Dinitrotoluene	3.400	J	1.3	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Chloronaphthalene	4.500	J	1.8	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Chlorophenol	4.300	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Methylnaphthalene	4.300	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Methylphenol	4.000	J	1.5	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Nitroaniline	3.400	J	1.2	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Nitrophenol	4.100	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	3,3-Dichlorobenzidine	3.100	J	1.4	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	3-Nitroaniline	3.300	J	0.86	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4,6-Dinitro-2-methylphenol	4.500	J	1.7	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Bromophenyl-phenylether	4.400	J	2.7	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Chloro-3-methylphenol	3.800	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Chloroaniline	4.300	J	1.7	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Chlorophenyl-phenylether	4.700	J	1.9	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Methylphenol	4.200	J	1.6	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Nitroaniline	3.800	J	0.6	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Nitrophenol	4.300	J	1.5	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Acenaphthene	4.500	J	1.9	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Acenaphthylene	4.500	J	1.8	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Acetophenone	4.600	J	2.1	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Anthracene	4.400	J	1.7	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Atrazine	4.400	J	1.2	10	ug/L

Hit Summary Sheet SW-846

SDG No.: BN120524

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4776-02	MDL-WATER-QT4-2024 Water	Benzaldehyde	4.800	J	1.4	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Benzo(a)anthracene	4.600	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Benzo(a)pyrene	4.200	J	2	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Benzo(b)fluoranthene	4.400	J	1.6	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Benzo(g,h,i)perylene	4.100	J	1.9	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Benzo(k)fluoranthene	4.400	J	2.2	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Bis(2-Chloroethoxy)methane	4.200	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Bis(2-Chloroethyl)ether	4.400	J	1.5	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Bis(2-ethylhexyl)phthalate	3.900	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Butylbenzylphthalate	3.900	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Caprolactam	3.700	J	1.3	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Carbazole	4.800	J	2	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Chrysene	4.700	J	1.7	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Di-n-butylphthalate	4.200	J	1.7	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Di-n-octyl phthalate	3.400	J	1.3	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Dibenzo(a,h)anthracene	4.000	J	2	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Dibenzofuran	4.600	J	1.7	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Diethylphthalate	4.100	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Dimethylphthalate	4.400	J	1.6	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Fluoranthene	4.500	J	1.7	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Fluorene	4.600	J	2	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Hexachlorobenzene	4.500	J	1.9	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Hexachlorobutadiene	4.400	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Hexachlorocyclopentadiene	4.100	J	1.4	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Hexachloroethane	4.100	J	0.89	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Indeno(1,2,3-cd)pyrene	3.900	J	1.9	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Isophorone	4.000	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	N-Nitroso-di-n-propylamine	4.100	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	N-Nitrosodiphenylamine	4.300	J	1.7	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Naphthalene	4.400	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Nitrobenzene	4.400	J	1.3	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Pentachlorobenzene	3.900	J	1.3	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Pentachlorophenol	5.900	J	1.7	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Phenanthrene	4.700	J	1.8	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Phenol	4.300	J	1.7	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Pyrene	4.700	J	1.7	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Pyridine	4.300	J	0.85	10	ug/L

Total Svoc :

301.80

Total Concentration:

301.80

Client ID : MDL-SOIL-QT4-2024-08

Hit Summary Sheet
SW-846

SDG No.: BN120524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Total Alkanes	*	0.000	46	170	ug/Kg
			Total Tics :			0.00		
P4776-04	MDL-SOIL-QT4-2024-08	Solid	1,1-Biphenyl	150.000	J	46	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	1,2,3,4-Tetrachlorobenzene	140.000	J	5.6	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	1,2,4,5-Tetrachlorobenzene	160.000	J	45	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	1,4-Dioxane	43.000	J	12	67	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	1-Methylnaphthalene	130.000	J	19	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,2-oxybis(1-Chloropropane)	140.000	J	29	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,3,4,6-Tetrachlorophenol	140.000	J	52	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4,5-Trichlorophenol	140.000	J	49	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4,6-Trichlorophenol	140.000	J	50	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4-Dichlorophenol	140.000	J	34	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4-Dimethylphenol	100.000	J	8.5	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4-Dinitrophenol	170.000	J	32	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4-Dinitrotoluene	130.000	J	13	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,6-Dinitrotoluene	120.000	J	26	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Chloronaphthalene	150.000	J	44	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Chlorophenol	140.000	J	22	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Methylnaphthalene	140.000	J	37	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Methylphenol	130.000	J	39	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Nitroaniline	120.000	J	22	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Nitrophenol	140.000	J	30	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	3,3-Dichlorobenzidine	100.000	J	25	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	3-Nitroaniline	120.000	J	14	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4,6-Dinitro-2-methylphenol	150.000	J	39	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Bromophenyl-phenylether	150.000	J	99	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Chloro-3-methylphenol	130.000	J	36	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Chloroaniline	150.000	J	44	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Chlorophenyl-phenylether	160.000	J	48	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Methylphenol	140.000	J	41	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Nitroaniline	130.000	J	16	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Nitrophenol	140.000	J	11	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Acenaphthene	150.000	J	50	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Acenaphthylene	150.000	J	46	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Acetophenone	150.000	J	59	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Anthracene	150.000	J	47	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Atrazine	150.000	J	11	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzaldehyde	160.000	J	48	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzo(a)anthracene	150.000	J	39	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzo(a)pyrene	140.000	J	57	170	ug/Kg

Hit Summary Sheet
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SDG No.: BN120524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzo(b)fluoranthene	150.000	J	48	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzo(g,h,i)perylene	140.000	J	46	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzo(k)fluoranthene	150.000	J	58	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Bis(2-Chloroethoxy)methane	140.000	J	31	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Bis(2-Chloroethyl)ether	150.000	J	35	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Bis(2-ethylhexyl)phthalate	130.000	J	43	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Butylbenzylphthalate	130.000	J	43	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Caprolactam	130.000	J	40	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Carbazole	160.000	J	61	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Chrysene	150.000	J	46	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Di-n-butylphthalate	140.000	J	57	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Di-n-octyl phthalate	120.000	J	43	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Dibenzo(a,h)anthracene	140.000	J	52	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Dibenzofuran	160.000	J	40	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Diethylphthalate	140.000	J	41	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Dimethylphthalate	150.000	J	38	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Fluoranthene	150.000	J	45	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Fluorene	160.000	J	58	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Hexachlorobenzene	150.000	J	50	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Hexachlorobutadiene	150.000	J	26	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Hexachlorocyclopentadiene	140.000	J	19	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Hexachloroethane	140.000	J	16	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Indeno(1,2,3-cd)pyrene	130.000	J	45	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Isophorone	130.000	J	36	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	N-Nitroso-di-n-propylamine	130.000	J	37	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	N-Nitrosodiphenylamine	150.000	J	45	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Naphthalene	150.000	J	33	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Nitrobenzene	150.000	J	27	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Pentachlorobenzene	140.000	J	36	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Pentachlorophenol	200.000	J	38	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Phenanthrene	160.000	J	53	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Phenol	140.000	J	45	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Pyrene	150.000	J	46	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Pyridine	140.000	J	12	330	ug/Kg
Total Svoc :				10,173.00				
Total Concentration:				10,173.00				

Client ID : MDL-MED-SOIL-QT4-2024-08

P4776-06	MDL-MED-SOIL-QT4-2	Solid	Total Alkanes	*	0.000	1400	4900	ug/Kg
Total Tics :					0.00			
P4776-06	MDL-MED-SOIL-QT4-2	Solid	1,1-Biphenyl		4,400.000	J 1400	4900	ug/Kg

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SDG No.: BN120524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-06	MDL-MED-SOIL-QT4-2	Solid	1,2,3,4-Tetrachlorobenzene	4,000.000	J	280	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	1,2,4,5-Tetrachlorobenzene	4,400.000	J	1400	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	1,4-Dioxane	1,300.000	J	340	2000	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	1-Methylnaphthalene	3,800.000	J	510	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,2-oxybis(1-Chloropropane)	4,300.000	J	820	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,3,4,6-Tetrachlorophenol	4,100.000	J	1600	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4,5-Trichlorophenol	4,100.000	J	1400	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4,6-Trichlorophenol	3,900.000	J	1600	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4-Dichlorophenol	4,200.000	J	920	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4-Dimethylphenol	2,900.000	J	270	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4-Dinitrophenol	4,800.000	J	780	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4-Dinitrotoluene	3,700.000	J	320	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,6-Dinitrotoluene	3,200.000	J	600	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Chloronaphthalene	4,400.000	J	1400	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Chlorophenol	4,100.000	J	650	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Methylnaphthalene	4,300.000	J	1200	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Methylphenol	3,800.000	J	1200	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Nitroaniline	3,400.000	J	430	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Nitrophenol	4,100.000	J	1100	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	3,3-Dichlorobenzidine	2,900.000	J	750	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	3-Nitroaniline	3,200.000	J	240	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4,6-Dinitro-2-methylphenol	4,200.000	J	1200	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Bromophenyl-phenylether	4,300.000	J	2700	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Chloro-3-methylphenol	3,800.000	J	1200	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Chloroaniline	4,400.000	J	1300	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Chlorophenyl-phenylether	4,600.000	J	1600	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Methylphenol	4,000.000	J	1300	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Nitroaniline	3,700.000	J	550	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Nitrophenol	3,900.000	J	190	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Acenaphthene	4,300.000	J	1500	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Acenaphthylene	4,400.000	J	1500	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Acetophenone	4,500.000	J	1700	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Anthracene	4,400.000	J	1600	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Atrazine	4,300.000	J	270	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzaldehyde	4,800.000	J	1400	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzo(a)anthracene	4,300.000	J	1100	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzo(a)pyrene	4,200.000	J	1700	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzo(b)fluoranthene	4,300.000	J	1700	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzo(g,h,i)perylene	4,100.000	J	1700	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzo(k)fluoranthene	4,500.000	J	1800	4900	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BN120524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Bis(2-Chloroethoxy)methane	4,200.000	J	900	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Bis(2-Chloroethyl)ether	4,400.000	J	860	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Bis(2-ethylhexyl)phthalate	3,800.000	J	1200	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Butylbenzylphthalate	3,700.000	J	1200	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Caprolactam	3,700.000	J	1500	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Carbazole	4,600.000	J	1900	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Chrysene	4,300.000	J	1200	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Di-n-butylphthalate	3,900.000	J	1800	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Di-n-octyl phthalate	3,600.000	J	1400	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Dibenzo(a,h)anthracene	4,000.000	J	1700	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Dibenzofuran	4,400.000	J	1400	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Diethylphthalate	4,100.000	J	1300	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Dimethylphthalate	4,200.000	J	1200	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Fluoranthene	4,200.000	J	1300	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Fluorene	4,500.000	J	1800	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Hexachlorobenzene	4,500.000	J	1500	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Hexachlorobutadiene	4,300.000	J	720	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Hexachlorocyclopentadiene	3,700.000	J	660	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Hexachloroethane	4,100.000	J	400	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Indeno(1,2,3-cd)pyrene	4,100.000	J	1600	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Isophorone	4,000.000	J	1200	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	N-Nitroso-di-n-propylamine	4,000.000	J	940	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	N-Nitrosodiphenylamine	4,200.000	J	1500	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Naphthalene	4,400.000	J	1100	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Nitrobenzene	4,100.000	J	900	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Pentachlorobenzene	4,000.000	J	1100	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Pentachlorophenol	5,900.000	J	1200	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Phenanthrene	4,600.000	J	1700	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Phenol	4,100.000	J	1300	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Pyrene	4,500.000	J	1200	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Pyridine	4,200.000	J	210	9800	ug/Kg

Total Svoc :

294,600.00

Total Concentration:

294,600.00

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM

Case No.: BN120224

SAS No.: BN120224

SDG No.: BN120224

Instrument ID:

Calibration Date(s): 12/2/2024

Calibration Time(s): 13:03

LAB FILE ID:		RRFAL1 = BN035384.D			RRFAL2 = BN035385.D		RRFAL3 = BN035386.D	
		RRFAL4 = BN035387.D			RRFAL5 = BN035388.D		RRFAL6 = BN035389.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.587	0.458	0.481	0.431	0.417		0.475	14.2
Benzaldehyde		0.949	0.985	0.805	0.630	0.473	0.769	28.2
Pyridine		1.113	1.192	1.149	1.106	1.034	1.119	5.2
Hexachloroethane	0.590	0.501	0.547	0.528	0.518		0.537	6.3
Nitrobenzene	0.333	0.294	0.348	0.337	0.320		0.326	6.4
Isophorone	0.706	0.592	0.699	0.653	0.620		0.654	7.6
2-Nitrophenol	0.164	0.144	0.185	0.182	0.177		0.170	9.7
2,4-Dimethylphenol	0.380	0.312	0.364	0.332	0.321		0.342	8.5
Bis(2-Chloroethoxy)methane	0.450	0.376	0.415	0.386	0.365		0.398	8.6
2,4-Dichlorophenol	0.363	0.302	0.352	0.332	0.314		0.333	7.6
Naphthalene	1.184	0.969	1.050	0.965	0.914		1.016	10.4
4-Chloroaniline		0.379	0.432	0.401	0.381	0.351	0.389	7.7
Hexachlorobutadiene	0.264	0.227	0.241	0.228	0.213		0.235	8.2
Phenol		1.438	1.576	1.498	1.469	1.396	1.476	4.6
Caprolactam		0.082	0.103	0.102	0.102	0.091	0.096	9.5
4-Chloro-3-methylphenol	0.379	0.315	0.368	0.341	0.329		0.346	7.6
1-Methylnaphthalene	0.909	0.740	0.811	0.740	0.679		0.776	11.3
2-Methylnaphthalene	0.881	0.717	0.799	0.725	0.663		0.757	11.2
Hexachlorocyclopentadiene		0.252	0.309	0.309	0.310	0.300	0.296	8.4
2,4,6-Trichlorophenol	0.399	0.350	0.405	0.389	0.369		0.382	6.0
2,4,5-Trichlorophenol	0.443	0.397	0.453	0.429	0.407		0.426	5.5
1,1-Biphenyl	1.631	1.325	1.424	1.309	1.212		1.380	11.5
2-Chloronaphthalene	1.295	1.053	1.165	1.039	0.968		1.104	11.6
2-Nitroaniline	0.185	0.173	0.233	0.243	0.251		0.217	16.2
Bis(2-Chloroethyl)ether		1.168	1.246	1.180	1.131	1.051	1.155	6.2
Dimethylphthalate	1.651	1.357	1.507	1.382	1.287		1.437	10.0
2,6-Dinitrotoluene	0.200	0.191	0.261	0.272	0.273		0.239	16.9
Acenaphthylene	1.960	1.610	1.770	1.572	1.492		1.681	11.1
3-Nitroaniline		0.210	0.271	0.264	0.251	0.243	0.248	9.5
Acenaphthene	1.416	1.178	1.260	1.142	1.053		1.210	11.3
2,4-Dinitrophenol		0.102	0.159	0.184	0.192	0.200	0.167	23.8
4-Nitrophenol		0.192	0.240	0.231	0.227	0.227	0.223	8.2
Dibenzofuran	2.081	1.679	1.801	1.595	1.446		1.720	13.9
2,4-Dinitrotoluene	0.351	0.330	0.422	0.408	0.389		0.380	10.2
Diethylphthalate	1.587	1.304	1.493	1.358	1.279		1.404	9.4
2-Chlorophenol	1.346	1.189	1.286	1.257	1.204		1.256	5.1

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN120224

SAS No.: BN120224

SDG No.: BN120224

Instrument ID: _____

Calibration Date(s): 12/2/2024 : _____

Calibration Time(s): 13:03 _____

LAB FILE ID:		RRFAL1 = BN035384.D			RRFAL2 = BN035385.D		RRFAL3 = BN035386.D	
		RRFAL4 = BN035387.D			RRFAL5 = BN035388.D		RRFAL6 = BN035389.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.741	1.367	1.459	1.259	1.103		1.386	17.2
4-Chlorophenyl-phenylether	0.890	0.713	0.735	0.645	0.557		0.708	17.4
4-Nitroaniline		0.230	0.282	0.253	0.229	0.208	0.241	11.8
4,6-Dinitro-2-methylphenol		0.094	0.123	0.122	0.118	0.115	0.114	10.4
N-Nitrosodiphenylamine	0.607	0.503	0.568	0.508	0.470		0.531	10.4
1,2,4,5-Tetrachlorobenzene	0.664	0.565	0.617	0.574	0.527		0.589	8.9
4-Bromophenyl-phenylether	0.228	0.192	0.217	0.194	0.180		0.202	9.6
Hexachlorobenzene	0.278	0.227	0.258	0.229	0.209		0.240	11.4
Atrazine		0.179	0.217	0.201	0.185	0.167	0.190	10.3
Pentachlorophenol		0.135	0.169	0.162	0.155	0.142	0.152	9.0
2-Methylphenol		1.085	1.211	1.176	1.153	1.103	1.146	4.5
Phenanthrene	1.224	1.006	1.085	0.963	0.871		1.030	12.9
Pentachlorobenzene	0.319	0.256	0.288	0.262	0.240		0.273	11.2
Anthracene	1.239	1.028	1.096	0.959	0.876		1.040	13.3
1,2,3,4-Tetrachlorobenzene	0.293	0.245	0.283	0.257	0.248		0.265	8.1
Carbazole		0.899	0.995	0.896	0.815	0.721	0.865	11.9
Di-n-butylphthalate	1.067	0.920	1.083	1.013	0.951		1.007	7.1
Fluoranthene	1.384	1.159	1.325	1.215	1.117		1.240	9.0
Pyrene	1.554	1.279	1.383	1.261	1.171		1.330	11.0
Butylbenzylphthalate	0.356	0.309	0.393	0.401	0.414		0.375	11.3
3,3-Dichlorobenzidine		0.310	0.403	0.394	0.362	0.314	0.357	12.2
2,2-oxybis (1-Chloropropane)		0.930	0.980	0.943	0.879	0.833	0.913	6.3
Benzo (a) anthracene	1.573	1.287	1.399	1.280	1.175		1.343	11.3
Chrysene	1.520	1.239	1.374	1.215	1.121		1.294	12.0
Bis (2-ethylhexyl) phthalate	0.572	0.510	0.630	0.614	0.629		0.591	8.6
Di-n-octyl phthalate		0.704	0.899	0.926	0.953	1.064	0.909	14.4
Benzo (b) fluoranthene	1.281	1.058	1.255	1.114	1.056		1.153	9.4
Benzo (k) fluoranthene	1.345	1.150	1.249	1.111	1.047		1.180	10.0
Benzo (a) pyrene	1.207	1.026	1.151	1.044	0.981		1.082	8.7
Indeno (1,2,3-cd) pyrene	1.417	1.191	1.347	1.279	1.220		1.291	7.2
Dibenzo (a,h) anthracene	1.144	0.972	1.114	1.024	0.975		1.046	7.6
Benzo (g,h,i) perylene	1.076	0.906	1.012	0.974	0.929		0.980	6.9
Acetophenone		2.062	2.142	2.031	1.864	1.706	1.961	8.9
2,3,4,6-Tetrachlorophenol	0.404	0.349	0.393	0.370	0.339		0.371	7.4
1,4-Dioxane-d8	0.472	0.430	0.430	0.396	0.388		0.423	7.8
Pyridine-d5		1.094	1.192	1.153	1.097	1.041	1.116	5.2

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.: BN120224 SAS No.: BN120224 SDG No.: BN120224

Instrument ID: _____ Calibration Date(s): 12/2/2024 : _____

Calibration Time(s): 13:03 _____

LAB FILE ID:		RRF _{FAL1} = BN035384.D			RRF _{FAL2} = BN035385.D		RRF _{FAL3} = BN035386.D	
		RRF _{FAL4} = BN035387.D			RRF _{FAL5} = BN035388.D		RRF _{FAL6} = BN035389.D	
COMPOUND	RRF _{FAL1}	RRF _{FAL2}	RRF _{FAL3}	RRF _{FAL4}	RRF _{FAL5}	RRF _{FAL6}	RRF	% RSD
Phenol-d5		1.330	1.498	1.457	1.439	1.400	1.425	4.5
Bis-(2-Chloroethyl)ether-d8		0.795	0.845	0.815	0.789	0.729	0.795	5.4
2-Chlorophenol-d4	1.233	1.128	1.245	1.227	1.204		1.207	3.9
4-Methylphenol-d8		1.177	1.325	1.274	1.234	1.198	1.242	4.8
Nitrobenzene-d5	0.122	0.111	0.137	0.140	0.139		0.130	9.7
2-Nitrophenol-d4	0.136	0.126	0.158	0.164	0.168		0.150	12.3
2,4-Dichlorophenol-d3	0.345	0.297	0.351	0.335	0.316		0.329	6.8
4-Chloroaniline-d4		0.385	0.450	0.420	0.400	0.374	0.406	7.4
4-Methylphenol		1.266	1.379	1.323	1.241	1.156	1.273	6.6
Dimethylphthalate-d6	1.622	1.352	1.515	1.394	1.298		1.436	9.1
Acenaphthylene-d8	1.804	1.495	1.667	1.514	1.428		1.582	9.6
4-Nitrophenol-d4		0.194	0.256	0.250	0.243	0.239	0.236	10.5
Fluorene-d10	1.466	1.209	1.295	1.174	1.057		1.240	12.3
4,6-Dinitro-2-methylphenol-		0.079	0.110	0.112	0.113	0.114	0.105	14.1
Anthracene-d10	1.014	0.857	0.938	0.839	0.763		0.882	10.9
Pyrene-d10	1.192	0.982	1.131	1.022	0.955		1.056	9.6
Benzo(a)pyrene-d12	1.055	0.894	1.024	0.948	0.922		0.968	7.1
N-Nitroso-di-n-propylamine	0.999	0.872	0.975	0.936	0.878		0.932	6.1

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.: BN120524 SAS No.: BN120524 SDG NO.: BN120524

EPA Sample No.: SSTD020233 Date Analyzed: Dec 4 2024 12:00AM

Lab File ID: BN035386.D Time Analyzed: 09:45

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	85865	7.305	368396	10.05	281180	13.96
UPPER LIMIT	171730	7.805	736792	10.552	562360	14.463
LOWER LIMIT	42932.5	6.805	184198	9.552	140590	13.463
EPA SAMPLE NO.						
01 SBLK168	86840	7.30	372596	10.05	286883	13.96
02 SBLK173	88950	7.30	370914	10.05	290184	13.96
03 MDL-WATER-QT4-2024-08	99012	7.30	415684	10.05	314055	13.96
04 MDL-SOIL-QT4-2024-08	108610	7.30	448341	10.05	329848	13.96
05 MDL-MED-SOIL-QT4-2024-08	93684	7.30	394697	10.05	301900	13.96
06 SBLK149	80917	7.30	344364	10.05	262537	13.96

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.: BN120524 SAS No.: BN120524 SDG NO.: BN120524

EPA Sample No.: SSTD020351 Date Analyzed: Dec 4 2024 12:00AM

Lab File ID: BN035415.D Time Analyzed: 09:45

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	84049	7.299	366474	10.05	282943	13.96
UPPER LIMIT	168098	7.799	732948	10.546	565886	14.457
LOWER LIMIT	42024.5	6.799	183237	9.546	141471.5	13.457
EPA SAMPLE NO.						
01 SBLK168	86840	7.30	372596	10.05	286883	13.96
02 SBLK173	88950	7.30	370914	10.05	290184	13.96
03 MDL-WATER-QT4-2024-08	99012	7.30	415684	10.05	314055	13.96
04 MDL-SOIL-QT4-2024-08	108610	7.30	448341	10.05	329848	13.96
05 MDL-MED-SOIL-QT4-2024-08	93684	7.30	394697	10.05	301900	13.96
06 SBLK149	80917	7.30	344364	10.05	262537	13.96

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.: BN120524 SAS No.: BN120524 SDG NO.: BN120524

EPA Sample No.: SSTD020233 Date Analyzed: Dec 4 2024 12:00AM

Lab File ID: BN035386.D Time Analyzed: 09:45

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	630701	16.728	618231	20.98	719370	23.657
UPPER LIMIT	1261402	17.228	1236462	21.48	1438740	24.157
LOWER LIMIT	315350.5	16.228	309115.5	20.48	359685	23.157
EPA SAMPLE NO.						
01 SBLK168	677051	16.73	684791	20.98	777842	23.65
02 SBLK173	672043	16.73	676479	20.97	784743	23.65
03 MDL-WATER-QT4-2024-08	717058	16.73	752335	20.97	856329	23.65
04 MDL-SOIL-QT4-2024-08	749936	16.73	799012	20.98	884800	23.65
05 MDL-MED-SOIL-QT4-2024-08	683755	16.73	706791	20.97	751861	23.65
06 SBLK149	610045	16.73	631100	20.98	727669	23.65

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.: BN120524 SAS No.: BN120524 SDG NO.: BN120524

EPA Sample No.: SSTD020351 Date Analyzed: Dec 4 2024 12:00AM

Lab File ID: BN035415.D Time Analyzed: 09:45

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	651631	16.728	674951	20.98	813025	23.651
UPPER LIMIT	1303262	17.228	1349902	21.48	1626050	24.151
LOWER LIMIT	325815.5	16.228	337475.5	20.48	406512.5	23.151
EPA SAMPLE NO.						
01 SBLK168	677051	16.73	684791	20.98	777842	23.65
02 SBLK173	672043	16.73	676479	20.97	784743	23.65
03 MDL-WATER-QT4-2024-08	717058	16.73	752335	20.97	856329	23.65
04 MDL-SOIL-QT4-2024-08	749936	16.73	799012	20.98	884800	23.65
05 MDL-MED-SOIL-QT4-2024-08	683755	16.73	706791	20.97	751861	23.65
06 SBLK149	610045	16.73	631100	20.98	727669	23.65

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK149

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN120524

SAS No.: BN120524 SDG NO.: BN120524

Lab File ID: BN035421.D

Lab Sample ID: PB165149BL

Instrument ID: BNA_N

Date Extracted: 11/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/04/2024

Level: (low/med) MED

Time Analyzed: 13:38

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-QT4-2024-08	P4776-06	BN035420.D	12/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK168

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN120524

SAS No.: BN120524 SDG NO.: BN120524

Lab File ID: BN035416.D

Lab Sample ID: PB165168BL

Instrument ID: BNA_N

Date Extracted: 11/21/2024

Matrix: (soil/water) Water

Date Analyzed: 12/04/2024

Level: (low/med) LOW

Time Analyzed: 09:45

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT4-2024-08	P4776-02	BN035418.D	12/04/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK173

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN120524

SAS No.: BN120524 SDG NO.: BN120524

Lab File ID: BN035417.D

Lab Sample ID: PB165173BL

Instrument ID: BNA_N

Date Extracted: 11/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/04/2024

Level: (low/med) LOW

Time Analyzed: 10:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-QT4-2024-08	P4776-04	BN035419.D	12/04/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BN120524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4776-06	MDL-MED-SOIL-(BN035420.D		1,4-Dioxane-d8	8	3.32	41		15	120
			Pyridine-d5	40	13.03	33		20	120
			Phenol-d5	40	12.64	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.51	34		10	150
			2-Chlorophenol-d4	40	12.68	32		15	120
			4-Methylphenol-d8	40	12.14	30		10	140
			Nitrobenzene-d5	40	12.61	32		10	135
			2-Nitrophenol-d4	40	12.50	31		10	120
			2,4-Dichlorophenol-d3	40	12.25	31		10	140
			4-Chloroaniline-d4	40	12.81	32		1	145
			Dimethylphthalate-d6	40	13.12	33		10	145
			Acenaphthylene-d8	40	13.26	33		15	120
			4-Nitrophenol-d4	40	11.42	29		10	150
			Fluorene-d10	40	13.12	33		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.25	26		10	130
			Anthracene-d10	40	13.19	33		10	150
			Pyrene-d10	40	13.35	33		10	130
			Benzo(a)pyrene-d12	40	13.67	34		10	140
PB165149BL	PB165149BL	BN035421.D	1,4-Dioxane-d8	8	6.26	78		15	120
			Pyridine-d5	40	30.84	77		20	120
			Phenol-d5	40	30.60	76		10	130
			Bis(2-Chloroethyl)ether-d8	40	31.76	79		10	150
			2-Chlorophenol-d4	40	30.49	76		15	120
			4-Methylphenol-d8	40	30.30	76		10	140
			Nitrobenzene-d5	40	31.99	80		10	135
			2-Nitrophenol-d4	40	32.86	82		10	120
			2,4-Dichlorophenol-d3	40	29.76	74		10	140
			4-Chloroaniline-d4	40	31.52	79		1	145
			Dimethylphthalate-d6	40	33.73	84		10	145
			Acenaphthylene-d8	40	31.41	79		15	120
			4-Nitrophenol-d4	40	28.70	72		10	150
			Fluorene-d10	40	32.07	80		20	140
			4,6-Dinitro-2-methylphenol-d2	40	26.20	66		10	130
			Anthracene-d10	40	32.53	81		10	150
			Pyrene-d10	40	31.40	79		10	130
			Benzo(a)pyrene-d12	40	32.03	80		10	140

Surrogate Summary

SW-846

SDG No.: BN120524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4776-02	MDL-WATER-QT4BN035418.D		Pyridine-d5	40	13.18	33		20	120
			1,4-Dioxane-d8	8	3.36	42		15	120
			Phenol-d5	40	12.76	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.44	34		25	120
			2-Chlorophenol-d4	40	12.52	31		20	130
			4-Methylphenol-d8	40	12.13	30		25	125
			Nitrobenzene-d5	40	12.70	32		20	125
			2-Nitrophenol-d4	40	12.56	31		20	130
			2,4-Dichlorophenol-d3	40	12.53	31		20	120
			4-Chloroaniline-d4	40	12.77	32		1	146
			Dimethylphthalate-d6	40	13.09	33		25	130
			Acenaphthylene-d8	40	13.14	33		10	130
			4-Nitrophenol-d4	40	11.99	30		10	150
			Fluorene-d10	40	13.50	34		25	125
			4,6-Dinitro-2-methylphenol-d2	40	10.84	27		10	130
			Anthracene-d10	40	13.33	33		25	130
			Pyrene-d10	40	13.26	33		15	130
			Benzo(a)pyrene-d12	40	13.39	33		20	130
PB165168BL	PB165168BL	BN035416.D	1,4-Dioxane-d8	8	6.17	77		15	120
			Pyridine-d5	40	30.96	77		20	120
			Phenol-d5	40	30.64	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.04	80		25	120
			2-Chlorophenol-d4	40	30.84	77		20	130
			4-Methylphenol-d8	40	30.36	76		25	125
			Nitrobenzene-d5	40	32.03	80		20	125
			2-Nitrophenol-d4	40	33.29	83		20	130
			2,4-Dichlorophenol-d3	40	29.27	73		20	120
			4-Chloroaniline-d4	40	30.88	77		1	146
			Dimethylphthalate-d6	40	32.09	80		25	130
			Acenaphthylene-d8	40	31.10	78		10	130
			4-Nitrophenol-d4	40	28.37	71		10	150
			Fluorene-d10	40	31.18	78		25	125
			4,6-Dinitro-2-methylphenol-d2	40	25.53	64		10	130
			Anthracene-d10	40	31.27	78		25	130
			Pyrene-d10	40	31.36	78		15	130
			Benzo(a)pyrene-d12	40	31.48	79		20	130

Surrogate Summary

SW-846

SDG No.: BN120524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4776-04	MDL-SOIL-QT4-2(BN035419.D		1,4-Dioxane-d8	8	3.33	42		15	120
			Pyridine-d5	40	12.62	32		20	120
			Phenol-d5	40	12.64	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.14	33		10	150
			2-Chlorophenol-d4	40	12.51	31		15	120
			4-Methylphenol-d8	40	11.93	30		10	140
			Nitrobenzene-d5	40	12.93	32		10	135
			2-Nitrophenol-d4	40	13.06	33		10	120
			2,4-Dichlorophenol-d3	40	12.46	31		10	140
			4-Chloroaniline-d4	40	12.80	32		1	145
			Dimethylphthalate-d6	40	13.26	33		10	145
			Acenaphthylene-d8	40	13.54	34		15	120
			4-Nitrophenol-d4	40	12.11	30		10	150
			Fluorene-d10	40	13.43	34		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.90	27		10	130
			Anthracene-d10	40	13.26	33		10	150
			Pyrene-d10	40	13.17	33		10	130
			Benzo(a)pyrene-d12	40	13.55	34		10	140
PB165173BL	PB165173BL	BN035417.D	Pyridine-d5	40	31.19	78		20	120
			1,4-Dioxane-d8	8	6.13	77		15	120
			Phenol-d5	40	30.49	76		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.16	80		10	150
			2-Chlorophenol-d4	40	30.64	77		15	120
			4-Methylphenol-d8	40	30.23	76		10	140
			Nitrobenzene-d5	40	33.52	84		10	135
			2-Nitrophenol-d4	40	33.68	84		10	120
			2,4-Dichlorophenol-d3	40	30.52	76		10	140
			4-Chloroaniline-d4	40	31.80	79		1	145
			Dimethylphthalate-d6	40	33.35	83		10	145
			Acenaphthylene-d8	40	31.20	78		15	120
			4-Nitrophenol-d4	40	29.21	73		10	150
			Fluorene-d10	40	32.32	81		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.38	68		10	130
			Anthracene-d10	40	32.28	81		10	150
			Pyrene-d10	40	32.43	81		10	130
			Benzo(a)pyrene-d12	40	32.54	81		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN120524

Lab Code: CHEM

SAS No.: BN120524 SDG NO.: BN120524

Lab File ID: BN035414.D

DFTPP Injection Date: 12/04/2024

Instrument ID: BNA_N

DFTPP Injection Time: 08:28

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	22.9
68	Less than 2.0% of mass 69	0.0 (0.0) 1
69	Mass 69 relative abundance	30.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	40.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	27.9
365	Greater than 1% of mass 198	4.9
441	Present, but less than mass 443	11.4
442	Greater than 50% of mass 198	71.8
443	15.0 - 24.0% of mass 442	13.9 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020351	SSTDCCC020	BN035415.D	12/04/2024	09:07
SBLK168	PB165168BL	BN035416.D	12/04/2024	09:45
SBLK173	PB165173BL	BN035417.D	12/04/2024	10:24
MDL-WATER-QT4-2024-08	P4776-02	BN035418.D	12/04/2024	11:03
MDL-SOIL-QT4-2024-08	P4776-04	BN035419.D	12/04/2024	11:41
MDL-MED-SOIL-QT4-2024-08	P4776-06	BN035420.D	12/04/2024	12:20
SBLK149	PB165149BL	BN035421.D	12/04/2024	13:38
SSTD020352	SSTDCCC020EC	BN035422.D	12/04/2024	14:31