

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM121224 SAS No.: BM121224 SDG No.: BM121224

Instrument ID: BNA_M Calibration Date/Time: 12/12/2024 : 09:33

Lab File ID: BM048964.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020060 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.605	0.643	0.010	6.1637	40.0
Benzaldehyde	0.930	1.170	0.010	25.8968	40.0
Pyridine	1.766	1.769	0.010	0.1522	40.0
Phenol	1.879	1.793	0.080	-4.5725	20.0
Bis(2-Chloroethyl)ether	1.486	1.463	0.100	-1.5474	20.0
2-Chlorophenol	1.336	1.350	0.200	1.0649	20.0
2-Methylphenol	1.290	1.193	0.010	-7.5057	20.0
2,2-oxybis(1-Chloropropane)	2.199	2.108	0.010	-4.1545	40.0
Acetophenone	2.190	2.083	0.060	-4.8592	20.0
4-Methylphenol	1.417	1.326	0.010	-6.475	20.0
N-Nitroso-di-n-propylamine	1.067	1.041	0.050	-2.4435	30.0
Hexachloroethane	0.577	0.589	0.100	1.9987	20.0
Nitrobenzene	0.393	0.406	0.050	3.3307	25.0
Isophorone	0.695	0.692	0.050	-0.5342	25.0
2-Nitrophenol	0.156	0.166	0.050	5.8763	25.0
2,4-Dimethylphenol	0.325	0.331	0.050	2.0183	25.0
Bis(2-Chloroethoxy)methane	0.444	0.455	0.050	2.4435	20.0
2,4-Dichlorophenol	0.292	0.308	0.060	5.6369	20.0
Naphthalene	1.063	1.091	0.200	2.6449	20.0
4-Chloroaniline	0.424	0.415	0.010	-1.9077	40.0
Hexachlorobutadiene	0.188	0.192	0.040	2.2305	30.0
Caprolactam	0.092	0.086	0.010	-5.8811	40.0
4-Chloro-3-methylphenol	0.279	0.281	0.040	0.6553	25.0
1-Methylnaphthalene	0.673	0.677	0.100	0.6511	20.0
2-Methylnaphthalene	0.673	0.684	0.100	1.6143	20.0
Hexachlorocyclopentadiene	0.380	0.329	0.010	-13.4252	40.0
2,4,6-Trichlorophenol	0.344	0.342	0.090	-0.5794	25.0
2,4,5-Trichlorophenol	0.378	0.376	0.100	-0.4825	25.0
1,1-Biphenyl	1.514	1.518	0.200	0.2813	20.0
2-Chloronaphthalene	1.203	1.214	0.300	0.8963	20.0
2-Nitroaniline	0.309	0.307	0.050	-0.4481	40.0
Dimethylphthalate	1.378	1.398	0.300	1.4521	20.0
2,6-Dinitrotoluene	0.232	0.235	0.080	1.3731	30.0
Acenaphthylene	1.830	1.861	0.400	1.6937	20.0
3-Nitroaniline	0.271	0.272	0.010	0.5579	40.0
Acenaphthene	1.298	1.313	0.200	1.1497	20.0
2,4-Dinitrophenol	0.121	0.088	0.010	-27.3859	40.0
4-Nitrophenol	0.193	0.167	0.010	-13.5673	40.0
Dibenzofuran	1.747	1.789	0.300	2.4004	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM121224 SAS No.: BM121224 SDG No.: BM121224

Instrument ID: BNA_M Calibration Date/Time: 12/12/2024 : 09:33

Lab File ID: BM048964.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020060 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.343	0.370	0.070	7.8428	30.0
Diethylphthalate	1.327	1.353	0.300	1.9566	20.0
Fluorene	1.444	1.461	0.200	1.1416	20.0
4-Chlorophenyl-phenylether	0.700	0.686	0.100	-2.0157	20.0
4-Nitroaniline	0.258	0.281	0.010	8.8923	40.0
4,6-Dinitro-2-methylphenol	0.116	0.099	0.010	-14.7527	40.0
N-Nitrosodiphenylamine	0.609	0.611	0.050	0.22	20.0
1,2,4,5-Tetrachlorobenzene	0.612	0.599	0.100	-2.1108	20.0
4-Bromophenyl-phenylether	0.197	0.196	0.070	-0.3719	20.0
Hexachlorobenzene	0.237	0.234	0.050	-1.1057	25.0
Atrazine	0.223	0.209	0.010	-6.6622	25.0
Pentachlorophenol	0.147	0.122	0.010	-16.6681	40.0
Phenanthrene	1.157	1.160	0.200	0.2827	20.0
Pentachlorobenzene	0.315	0.303	0.050	-3.6374	20.0
Anthracene	1.165	1.163	0.200	-0.1659	20.0
1,2,3,4-Tetrachlorobenzene	0.324	0.312	0.050	-3.7124	20.0
Carbazole	1.099	1.074	0.050	-2.2239	40.0
Di-n-butylphthalate	1.103	1.153	0.500	4.4846	25.0
Fluoranthene	1.320	1.287	0.400	-2.5445	25.0
Pyrene	1.456	1.420	0.400	-2.4914	25.0
Butylbenzylphthalate	0.445	0.453	0.100	1.8884	40.0
3,3-Dichlorobenzidine	0.347	0.304	0.010	-12.4697	40.0
Benzo (a) anthracene	1.341	1.328	0.300	-1.0314	30.0
Chrysene	1.263	1.232	0.200	-2.4084	30.0
Bis(2-ethylhexyl)phthalate	0.642	0.661	0.200	2.8635	40.0
Di-n-octyl phthalate	1.203	0.982	0.010	-18.3536	40.0
Benzo (b) fluoranthene	1.265	1.220	0.200	-3.5586	25.0
Benzo (k) fluoranthene	1.264	1.217	0.200	-3.7203	25.0
Benzo (a) pyrene	1.176	1.152	0.200	-2.0582	20.0
Indeno (1,2,3-cd) pyrene	1.453	1.431	0.200	-1.5362	25.0
Dibenzo (a,h) anthracene	1.187	1.175	0.200	-0.9933	30.0
Benzo (g,h,i) perylene	1.115	1.107	0.200	-0.711	30.0
2,3,4,6-Tetrachlorophenol	0.277	0.281	0.040	1.6299	20.0
1,4-Dioxane-d8	0.568	0.574	0.010	0.9389	25.0
Pyridine-d5	1.690	1.692	0.010	0.1374	40.0
Phenol-d5	1.743	1.645	0.010	-5.6634	25.0
Bis- (2-Chloroethyl) ether-d8	1.184	1.152	0.050	-2.688	25.0
2-Chlorophenol-d4	1.265	1.270	0.200	0.3975	20.0
4-Methylphenol-d8	1.301	1.190	0.010	-8.557	20.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM121224 SAS No.: BM121224 SDG No.: BM121224

Instrument ID: BNA_M Calibration Date/Time: 12/12/2024 : 09:33

Lab File ID: BM048964.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020060 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.153	0.050	6.3679	20.0
2-Nitrophenol-d4	0.133	0.136	0.050	2.4729	30.0
2,4-Dichlorophenol-d3	0.282	0.291	0.060	3.1932	20.0
4-Chloroaniline-d4	0.440	0.426	0.010	-3.1406	40.0
Dimethylphthalate-d6	1.377	1.373	0.300	-0.2831	20.0
Acenaphthylene-d8	1.681	1.703	0.400	1.2926	20.0
4-Nitrophenol-d4	0.264	0.247	0.010	-6.2381	40.0
Fluorene-d10	1.194	1.213	0.100	1.6748	20.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.083	0.010	-20.9144	40.0
Anthracene-d10	0.980	0.983	0.300	0.2385	20.0
Pyrene-d10	1.123	1.103	0.300	-1.7534	25.0
Benzo(a)pyrene-d12	1.025	1.015	0.010	-0.9867	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.: BM121224 SAS No.: BM121224 SDG No.: BM121224

Instrument ID: BNA_M Calibration Date/Time: 12/12/2024 : 14:25

Lab File ID: BM048971.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020061 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.605	0.645	0.010	6.5435	50.0
Benzaldehyde	0.930	1.181	0.010	27.047	50.0
Pyridine	1.766	1.799	0.010	1.8455	50.0
Phenol	1.879	1.836	0.080	-2.3196	50.0
Bis(2-Chloroethyl)ether	1.486	1.454	0.100	-2.1686	50.0
2-Chlorophenol	1.336	1.354	0.200	1.3522	50.0
2-Methylphenol	1.290	1.224	0.010	-5.0587	50.0
2,2-oxybis(1-Chloropropane)	2.199	2.152	0.010	-2.1518	50.0
Acetophenone	2.190	2.133	0.060	-2.569	50.0
4-Methylphenol	1.417	1.349	0.010	-4.8542	50.0
N-Nitroso-di-n-propylamine	1.067	1.062	0.050	-0.4355	50.0
Hexachloroethane	0.577	0.574	0.100	-0.603	50.0
Nitrobenzene	0.393	0.407	0.050	3.5776	50.0
Isophorone	0.695	0.701	0.050	0.8009	50.0
2-Nitrophenol	0.156	0.158	0.050	0.8593	50.0
2,4-Dimethylphenol	0.325	0.325	0.050	0.172	50.0
Bis(2-Chloroethoxy)methane	0.444	0.460	0.050	3.5172	50.0
2,4-Dichlorophenol	0.292	0.301	0.060	3.1862	50.0
Naphthalene	1.063	1.074	0.200	1.0626	50.0
4-Chloroaniline	0.424	0.415	0.010	-1.9573	50.0
Hexachlorobutadiene	0.188	0.189	0.040	0.5277	50.0
Caprolactam	0.092	0.088	0.010	-4.6583	50.0
4-Chloro-3-methylphenol	0.279	0.278	0.040	-0.3593	50.0
1-Methylnaphthalene	0.673	0.682	0.100	1.4338	50.0
2-Methylnaphthalene	0.673	0.685	0.100	1.8014	50.0
Hexachlorocyclopentadiene	0.380	0.323	0.010	-15.164	50.0
2,4,6-Trichlorophenol	0.344	0.344	0.090	0.0248	50.0
2,4,5-Trichlorophenol	0.378	0.382	0.100	1.1278	50.0
1,1-Biphenyl	1.514	1.522	0.200	0.5105	50.0
2-Chloronaphthalene	1.203	1.221	0.300	1.4864	50.0
2-Nitroaniline	0.309	0.309	0.050	0.0577	50.0
Dimethylphthalate	1.378	1.397	0.300	1.406	50.0
2,6-Dinitrotoluene	0.232	0.237	0.080	2.1514	50.0
Acenaphthylene	1.830	1.880	0.400	2.7609	50.0
3-Nitroaniline	0.271	0.275	0.010	1.6379	50.0
Acenaphthene	1.298	1.312	0.200	1.1289	50.0
2,4-Dinitrophenol	0.121	0.087	0.010	-28.0127	50.0
4-Nitrophenol	0.193	0.167	0.010	-13.8094	50.0
Dibenzofuran	1.747	1.795	0.300	2.7733	50.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM121224 SAS No.: BM121224 SDG No.: BM121224

Instrument ID: BNA_M Calibration Date/Time: 12/12/2024 : 14:25

Lab File ID: BM048971.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020061 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.343	0.366	0.070	6.6234	50.0
Diethylphthalate	1.327	1.380	0.300	3.9947	50.0
Fluorene	1.444	1.489	0.200	3.07	50.0
4-Chlorophenyl-phenylether	0.700	0.708	0.100	1.1848	50.0
4-Nitroaniline	0.258	0.280	0.010	8.427	50.0
4,6-Dinitro-2-methylphenol	0.116	0.095	0.010	-18.1218	50.0
N-Nitrosodiphenylamine	0.609	0.617	0.050	1.2933	50.0
1,2,4,5-Tetrachlorobenzene	0.612	0.601	0.100	-1.8375	50.0
4-Bromophenyl-phenylether	0.197	0.193	0.070	-2.125	50.0
Hexachlorobenzene	0.237	0.234	0.050	-1.3813	50.0
Atrazine	0.223	0.202	0.010	-9.5465	50.0
Pentachlorophenol	0.147	0.120	0.010	-18.2885	50.0
Phenanthrene	1.157	1.162	0.200	0.4338	50.0
Pentachlorobenzene	0.315	0.304	0.050	-3.2171	50.0
Anthracene	1.165	1.184	0.200	1.6335	50.0
1,2,3,4-Tetrachlorobenzene	0.324	0.304	0.050	-6.39	50.0
Carbazole	1.099	1.074	0.050	-2.2862	50.0
Di-n-butylphthalate	1.103	1.148	0.500	4.0022	50.0
Fluoranthene	1.320	1.296	0.400	-1.8441	50.0
Pyrene	1.456	1.435	0.400	-1.4518	50.0
Butylbenzylphthalate	0.445	0.450	0.100	1.2991	50.0
3,3-Dichlorobenzidine	0.347	0.301	0.010	-13.2927	50.0
Benzo (a) anthracene	1.341	1.333	0.300	-0.6227	50.0
Chrysene	1.263	1.248	0.200	-1.1864	50.0
Bis(2-ethylhexyl)phthalate	0.642	0.664	0.200	3.3724	50.0
Di-n-octyl phthalate	1.203	0.966	0.010	-19.6833	50.0
Benzo (b) fluoranthene	1.265	1.216	0.200	-3.8392	50.0
Benzo (k) fluoranthene	1.264	1.251	0.200	-0.998	50.0
Benzo (a) pyrene	1.176	1.178	0.200	0.1341	50.0
Indeno (1,2,3-cd) pyrene	1.453	1.445	0.200	-0.5465	50.0
Dibenzo (a,h) anthracene	1.187	1.191	0.200	0.3513	50.0
Benzo (g,h,i) perylene	1.115	1.125	0.200	0.8807	50.0
2,3,4,6-Tetrachlorophenol	0.277	0.288	0.040	4.0897	50.0
1,4-Dioxane-d8	0.568	0.597	0.010	4.9942	50.0
Pyridine-d5	1.690	1.713	0.010	1.3398	50.0
Phenol-d5	1.743	1.673	0.010	-4.0236	50.0
Bis- (2-Chloroethyl) ether-d8	1.184	1.170	0.050	-1.1445	50.0
2-Chlorophenol-d4	1.265	1.280	0.200	1.203	50.0
4-Methylphenol-d8	1.301	1.207	0.010	-7.2194	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM121224 SAS No.: BM121224 SDG No.: BM121224

Instrument ID: BNA_M Calibration Date/Time: 12/12/2024 : 14:25

Lab File ID: BM048971.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020061 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.143	0.148	0.050	3.1008	50.0
2-Nitrophenol-d4	0.133	0.130	0.050	-2.0737	50.0
2,4-Dichlorophenol-d3	0.282	0.293	0.060	3.7928	50.0
4-Chloroaniline-d4	0.440	0.428	0.010	-2.7929	50.0
Dimethylphthalate-d6	1.377	1.401	0.300	1.7218	50.0
Acenaphthylene-d8	1.681	1.721	0.400	2.3677	50.0
4-Nitrophenol-d4	0.264	0.253	0.010	-4.1053	50.0
Fluorene-d10	1.194	1.220	0.100	2.2037	50.0
4,6-Dinitro-2-methylphenol-d2	0.104	0.080	0.010	-23.7777	50.0
Anthracene-d10	0.980	0.996	0.300	1.6307	50.0
Pyrene-d10	1.123	1.108	0.300	-1.3093	50.0
Benzo(a)pyrene-d12	1.025	1.018	0.010	-0.6462	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SBLK140	SDG No.:	BM121224
Lab Sample ID:	PB165140BL	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
BM048965.D	1	11/20/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165140

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

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SBLK140	SDG No.:	BM121224
Lab Sample ID:	PB165140BL	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
BM048965.D	1	11/20/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165140

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

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SBLK140	SDG No.:	BM121224
Lab Sample ID:	PB165140BL	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
BM048965.D	1	11/20/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	44	U	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	32	U	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	23	U	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	39	U	39	42.5	170	ug/Kg
218-01-9	Chrysene	45	U	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	44	U	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	34	U	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	42	U	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	45	U	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	42	U	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	37	U	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	37	U	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	35	U	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	37	U	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.65		15-120		83	SPK: -8
7291-22-7	Pyridine-d5	31.424		20-120		79	SPK: -40
4165-62-2	Phenol-d5	31.738		10-130		79	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.917		10-150		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.88		15-120		85	SPK: -40
190780-66-6	4-Methylphenol-d8	31.145		10-140		78	SPK: -40
4165-60-0	Nitrobenzene-d5	34.833		10-135		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.095		10-120		85	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.971		10-140		77	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.979		1-145		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.323		10-145		93	SPK: -40
93951-97-4	Acenaphthylene-d8	35.625		15-120		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.262		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	36.448		20-140		91	SPK: -40

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SBLK140	SDG No.:	BM121224
Lab Sample ID:	PB165140BL	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
BM048965.D	1	11/20/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.252		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	34.572		10-150		86	SPK: -40
1718-52-1	Pyrene-d10	41.588		10-130		104	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	35.871		10-140		90	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	148977	7.575				
1146-65-2	Naphthalene-d8	580180	10.339				
15067-26-2	Acenaphthene-d10	318817	14.204				
1517-22-2	Phenanthrene-d10	625501	16.951				
1719-03-5	Chrysene-d12	504076	21.18				
1520-96-3	Perylene-d12	551458	23.991				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK114	SDG No.:	BM121224
Lab Sample ID:	PB165114BL	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
BM048966.D	1	11/19/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165114

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

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK114	SDG No.:	BM121224
Lab Sample ID:	PB165114BL	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
BM048966.D	1	11/19/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165114

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

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK114	SDG No.:	BM121224
Lab Sample ID:	PB165114BL	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
BM048966.D	1	11/19/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.1	U	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.4	U	1.4	2.5	5	ug/L
218-01-9	Chrysene	1.5	U	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.8	U	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.4	U	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.7	U	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.5	U	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.4	U	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.4	U	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.4	U	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.586		15-120		95	SPK: -8
7291-22-7	Pyridine-d5	33.78		20-120		84	SPK: -40
4165-62-2	Phenol-d5	33.71		10-130		84	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	35.305		25-120		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.553		20-130		91	SPK: -40
190780-66-6	4-Methylphenol-d8	32.186		25-125		80	SPK: -40
4165-60-0	Nitrobenzene-d5	36.843		20-125		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.309		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.718		20-120		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.832		1-146		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.412		25-130		96	SPK: -40
93951-97-4	Acenaphthylene-d8	37.214		10-130		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.925		10-150		65	SPK: -40
81103-79-9	Fluorene-d10	37.888		25-125		95	SPK: -40

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK114	SDG No.:	BM121224
Lab Sample ID:	PB165114BL	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
BM048966.D	1	11/19/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.689		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	37.091		25-130		93	SPK: -40
1718-52-1	Pyrene-d10	44.238		15-130		111	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.414		20-130		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	134132	7.569				
1146-65-2	Naphthalene-d8	513732	10.339				
15067-26-2	Acenaphthene-d10	281667	14.21				
1517-22-2	Phenanthrene-d10	532894	16.951				
1719-03-5	Chrysene-d12	425566	21.18				
1520-96-3	Perylene-d12	468083	23.991				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	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-WATER-QT4-2024-07	SDG No.:	BM121224
Lab Sample ID:	P4776-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048967.D	1	11/19/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	J	0.49	0.5	2	ug/L
100-52-7	Benzaldehyde	4.6	J	2.5	5	10	ug/L
110-86-1	Pyridine	3.7	J	1.4	10	10	ug/L
108-95-2	Phenol	3.9	J	1.4	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	4.2	J	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	4.1	J	1.3	2.5	5	ug/L
95-48-7	2-Methylphenol	3.4	J	1.4	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	3.8	J	1.5	5	10	ug/L
106-44-5	4-Methylphenol	3.6	J	1.4	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	3.6	J	1.6	2.5	5	ug/L
67-72-1	Hexachloroethane	4.1	J	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	4.1	J	1.4	2.5	5	ug/L
78-59-1	Isophorone	3.7	J	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	3.9	J	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	2.5	J	0.98	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	4.1	J	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	4	J	1.5	2.5	5	ug/L
91-20-3	Naphthalene	4.2	J	1.3	2.5	5	ug/L
106-47-8	4-Chloroaniline	3.6	J	1.4	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	4.1	J	1.2	2.5	5	ug/L
105-60-2	Caprolactam	4.5	U	4.5	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	3.2	J	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	3.7	J	1.3	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	3.9	J	1.4	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.3	U	3.3	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	3.4	J	1.5	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	3.6	J	1.5	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-QT4-2024-07	SDG No.:	BM121224
Lab Sample ID:	P4776-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048967.D	1	11/19/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4	J	1.7	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4	J	1.6	2.5	5	ug/L
88-74-4	2-Nitroaniline	2.9	J	1.2	2.5	5	ug/L
131-11-3	Dimethylphthalate	3.9	J	1.5	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	3.1	J	1.1	2.5	5	ug/L
208-96-8	Acenaphthylene	4.1	J	1.5	2.5	5	ug/L
99-09-2	3-Nitroaniline	2.7	J	0.84	5	10	ug/L
83-32-9	Acenaphthene	3.9	J	1.5	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	5.9	U	5.9	5	10	ug/L
100-02-7	4-Nitrophenol	3.5	J	1.5	5	10	ug/L
132-64-9	Dibenzofuran	4	J	1.5	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	3.1	J	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	3.7	J	1.5	2.5	5	ug/L
86-73-7	Fluorene	3.9	J	1.5	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	3.6	J	1.6	2.5	5	ug/L
100-01-6	4-Nitroaniline	2.8	J	1.3	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.9	J	0.94	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	3.6	J	1.6	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4	J	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	3.6	J	1.5	2.5	5	ug/L
118-74-1	Hexachlorobenzene	3.7	J	1.6	2.5	5	ug/L
1912-24-9	Atrazine	3	J	1.6	5	10	ug/L
87-86-5	Pentachlorophenol	3.6	U	3.6	5	10	ug/L
85-01-8	Phenanthrene	3.8	J	1.6	2.5	5	ug/L
608-93-5	Pentachlorobenzene	3.3	J	1.5	2.5	5	ug/L
120-12-7	Anthracene	3.5	J	1.4	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	3.4	J	1.2	2.5	5	ug/L
86-74-8	Carbazole	3.3	J	1.6	5	10	ug/L
84-74-2	Di-n-butylphthalate	3.2	J	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	3.9	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-QT4-2024-07	SDG No.:	BM121224
Lab Sample ID:	P4776-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048967.D	1	11/19/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4.1	J	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	3.2	J	1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.9	J	1.1	5	10	ug/L
56-55-3	Benzo(a)anthracene	3.9	J	1.4	2.5	5	ug/L
218-01-9	Chrysene	4	J	1.5	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.1	J	1.8	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.2	J	1.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	3.5	J	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	3.6	J	1.7	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	3.5	J	1.5	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	3.7	J	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	3.7	J	1.4	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	3.9	J	1.4	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.4	J	1.4	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.277		15-120		41	SPK: -8
7291-22-7	Pyridine-d5	11.468		20-120		29	SPK: -40
4165-62-2	Phenol-d5	11.522		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.439		25-120		31	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.218		20-130		31	SPK: -40
190780-66-6	4-Methylphenol-d8	10.871		25-125		27	SPK: -40
4165-60-0	Nitrobenzene-d5	12.015		20-125		30	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.303		20-130		28	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.411		20-120		29	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.868		1-146		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	12.001		25-130		30	SPK: -40
93951-97-4	Acenaphthylene-d8	12.034		10-130		30	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.092		10-150		23	SPK: -40
81103-79-9	Fluorene-d10	12.118		25-125		30	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-QT4-2024-07	SDG No.:	BM121224
Lab Sample ID:	P4776-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048967.D	1	11/19/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.724		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	10.766		25-130		27	SPK: -40
1718-52-1	Pyrene-d10	12.658		15-130		32	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.785		20-130		29	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	185118	7.569				
1146-65-2	Naphthalene-d8	719546	10.34				
15067-26-2	Acenaphthene-d10	399821	14.21				
1517-22-2	Phenanthrene-d10	760457	16.951				
1719-03-5	Chrysene-d12	649501	21.18				
1520-96-3	Perylene-d12	686841	23.986				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.7	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-QT4-2024-07	SDG No.:	BM121224
Lab Sample ID:	P4776-03	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
BM048968.D	1	11/20/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	J	13	6.6	67	ug/Kg
100-52-7	Benzaldehyde	160	J	75	82.5	330	ug/Kg
110-86-1	Pyridine	130	J	43	170	330	ug/Kg
108-95-2	Phenol	130	J	35	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	140	J	34	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	140	J	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	120	J	30	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	J	27	82.5	330	ug/Kg
98-86-2	Acetophenone	130	J	38	82.5	330	ug/Kg
106-44-5	4-Methylphenol	120	J	32	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	120	J	29	42.5	170	ug/Kg
67-72-1	Hexachloroethane	140	J	23	42.5	170	ug/Kg
98-95-3	Nitrobenzene	130	J	36	42.5	170	ug/Kg
78-59-1	Isophorone	120	J	34	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	130	J	32	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	83	J	28	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	130	J	38	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	140	J	39	42.5	170	ug/Kg
91-20-3	Naphthalene	140	J	34	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	120	J	43	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	140	J	34	42.5	170	ug/Kg
105-60-2	Caprolactam	120	U	120	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	110	J	28	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	120	J	41	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	130	J	37	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	100	J	79	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	110	J	43	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	110	J	42	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-QT4-2024-07	SDG No.:	BM121224
Lab Sample ID:	P4776-03	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
BM048968.D	1	11/20/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	130	J	48	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	140	J	45	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	100	J	22	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	130	J	42	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	97	J	21	42.5	170	ug/Kg
208-96-8	Acenaphthylene	140	J	43	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	92	J	20	82.5	330	ug/Kg
83-32-9	Acenaphthene	130	J	41	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	120	J	41	82.5	330	ug/Kg
132-64-9	Dibenzofuran	140	J	46	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	J	27	42.5	170	ug/Kg
84-66-2	Diethylphthalate	120	J	60	42.5	170	ug/Kg
86-73-7	Fluorene	120	J	45	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	120	J	47	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	97	J	42	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	95	J	16	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	120	J	42	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	140	J	51	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	J	45	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	130	J	50	42.5	170	ug/Kg
1912-24-9	Atrazine	100	J	39	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	120	J	87	82.5	330	ug/Kg
85-01-8	Phenanthrene	130	J	44	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	110	J	51	42.5	170	ug/Kg
120-12-7	Anthracene	120	J	43	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	120	J	33	42.5	170	ug/Kg
86-74-8	Carbazole	110	J	45	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	110	J	42	42.5	170	ug/Kg
206-44-0	Fluoranthene	130	J	44	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-QT4-2024-07	SDG No.:	BM121224
Lab Sample ID:	P4776-03	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
BM048968.D	1	11/20/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	130	J	44	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	110	J	32	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	70	J	23	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	130	J	39	42.5	170	ug/Kg
218-01-9	Chrysene	140	J	45	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	J	44	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	74	J	34	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	42	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	120	J	45	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	120	J	42	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	130	J	37	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	130	J	37	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130	J	35	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	110	J	37	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.212		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	11.559		20-120		29	SPK: -40
4165-62-2	Phenol-d5	11.686		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.668		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.322		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	10.687		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	12.528		10-135		31	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.436		10-120		29	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.44		10-140		29	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.66		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.959		10-145		30	SPK: -40
93951-97-4	Acenaphthylene-d8	12.164		15-120		30	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.629		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	12.2		20-140		31	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-QT4-2024-07	SDG No.:	BM121224
Lab Sample ID:	P4776-03	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
BM048968.D	1	11/20/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.604		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	10.653		10-150		27	SPK: -40
1718-52-1	Pyrene-d10	12.81		10-130		32	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.836		10-140		30	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	210488	7.575				
1146-65-2	Naphthalene-d8	815797	10.34				
15067-26-2	Acenaphthene-d10	436048	14.21				
1517-22-2	Phenanthrene-d10	821102	16.957				
1719-03-5	Chrysene-d12	689649	21.18				
1520-96-3	Perylene-d12	725677	23.992				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	48	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-QT4-2024-07	SDG No.:	BM121224
Lab Sample ID:	P4776-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048969.D	1	11/20/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1000	J	380	190	1900	ug/Kg
100-52-7	Benzaldehyde	4400	J	2100	2400	9600	ug/Kg
110-86-1	Pyridine	3500	J	1300	4800	9600	ug/Kg
108-95-2	Phenol	3800	J	960	2400	9600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	3900	J	880	2400	9600	ug/Kg
95-57-8	2-Chlorophenol	3800	J	850	1200	4800	ug/Kg
95-48-7	2-Methylphenol	3200	J	910	2400	9600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3900	J	740	2400	9600	ug/Kg
98-86-2	Acetophenone	3600	J	1100	2400	9600	ug/Kg
106-44-5	4-Methylphenol	3400	J	840	2400	9600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3500	J	730	1200	4800	ug/Kg
67-72-1	Hexachloroethane	3900	J	560	1200	4800	ug/Kg
98-95-3	Nitrobenzene	4000	J	910	1200	4800	ug/Kg
78-59-1	Isophorone	3500	J	880	1200	4800	ug/Kg
88-75-5	2-Nitrophenol	3600	J	1100	1200	4800	ug/Kg
105-67-9	2,4-Dimethylphenol	2400	J	820	1200	4800	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	3700	J	1100	1200	4800	ug/Kg
120-83-2	2,4-Dichlorophenol	3700	J	1300	1200	4800	ug/Kg
91-20-3	Naphthalene	3900	J	930	1200	4800	ug/Kg
106-47-8	4-Chloroaniline	3500	J	1300	1200	9600	ug/Kg
87-68-3	Hexachlorobutadiene	3800	J	1100	1200	4800	ug/Kg
105-60-2	Caprolactam	2900	J	2600	2400	9600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3100	J	860	1200	4800	ug/Kg
90-12-0	1-Methylnaphthalene	3500	J	1200	1200	4800	ug/Kg
91-57-6	2-Methylnaphthalene	3700	J	1200	1200	4800	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2900	J	2300	2400	9600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3100	J	1200	1200	4800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3200	J	1300	1200	4800	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-QT4-2024-07	SDG No.:	BM121224
Lab Sample ID:	P4776-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048969.D	1	11/20/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	3900	J	1300	1200	4800	ug/Kg
91-58-7	2-Chloronaphthalene	4000	J	1300	1200	4800	ug/Kg
88-74-4	2-Nitroaniline	3000	J	650	1200	4800	ug/Kg
131-11-3	Dimethylphthalate	3700	J	1300	1200	4800	ug/Kg
606-20-2	2,6-Dinitrotoluene	2800	J	710	1200	4800	ug/Kg
208-96-8	Acenaphthylene	4000	J	1300	1200	4800	ug/Kg
99-09-2	3-Nitroaniline	2700	J	650	2400	9600	ug/Kg
83-32-9	Acenaphthene	3700	J	1300	1200	4800	ug/Kg
51-28-5	2,4-Dinitrophenol	3300	J	2900	2400	9600	ug/Kg
100-02-7	4-Nitrophenol	3500	J	1300	2400	9600	ug/Kg
132-64-9	Dibenzofuran	3800	J	1300	1200	4800	ug/Kg
121-14-2	2,4-Dinitrotoluene	3000	J	850	1200	4800	ug/Kg
84-66-2	Diethylphthalate	3500	J	1700	1200	4800	ug/Kg
86-73-7	Fluorene	3600	J	1300	1200	4800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	3500	J	1500	1200	4800	ug/Kg
100-01-6	4-Nitroaniline	2800	J	1100	2400	9600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2800	J	460	2400	9600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	3300	J	1300	1200	4800	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	3900	J	1400	1200	4800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	3500	J	1300	1200	4800	ug/Kg
118-74-1	Hexachlorobenzene	3600	J	1400	1200	4800	ug/Kg
1912-24-9	Atrazine	2900	J	890	2400	9600	ug/Kg
87-86-5	Pentachlorophenol	3500	J	2400	2400	9600	ug/Kg
85-01-8	Phenanthrene	3600	J	1300	1200	4800	ug/Kg
608-93-5	Pentachlorobenzene	3300	J	1500	1200	4800	ug/Kg
120-12-7	Anthracene	3400	J	1300	1200	4800	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	3500	J	1100	1200	4800	ug/Kg
86-74-8	Carbazole	3100	J	1400	2400	9600	ug/Kg
84-74-2	Di-n-butylphthalate	3100	J	1300	1200	4800	ug/Kg
206-44-0	Fluoranthene	3700	J	1300	2400	4800	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-QT4-2024-07	SDG No.:	BM121224
Lab Sample ID:	P4776-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048969.D	1	11/20/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	3900	J	1300	1200	4800	ug/Kg
85-68-7	Butylbenzylphthalate	3300	J	1100	1200	4800	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1900	J	710	2400	9600	ug/Kg
56-55-3	Benzo(a)anthracene	3800	J	1300	1200	4800	ug/Kg
218-01-9	Chrysene	3900	J	1300	1200	4800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3100	J	1400	1200	4800	ug/Kg
117-84-0	Di-n-octyl phthalate	2200	J	1100	2400	9600	ug/Kg
205-99-2	Benzo(b)fluoranthene	3400	J	1300	1200	4800	ug/Kg
207-08-9	Benzo(k)fluoranthene	3500	J	1500	1200	4800	ug/Kg
50-32-8	Benzo(a)pyrene	3400	J	1400	1200	4800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	3600	J	1200	1200	4800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	3700	J	1300	1200	4800	ug/Kg
191-24-2	Benzo(g,h,i)perylene	3800	J	1300	1200	4800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3200	J	1200	1200	4800	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.074		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	11.378		20-120		28	SPK: -40
4165-62-2	Phenol-d5	11.399		10-130		28	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.22		10-150		31	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.115		15-120		30	SPK: -40
190780-66-6	4-Methylphenol-d8	10.668		10-140		27	SPK: -40
4165-60-0	Nitrobenzene-d5	12.152		10-135		30	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.157		10-120		28	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.539		10-140		29	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.589		1-145		26	SPK: -40
85448-30-2	Dimethylphthalate-d6	11.967		10-145		30	SPK: -40
93951-97-4	Acenaphthylene-d8	12.077		15-120		30	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.756		10-150		22	SPK: -40
81103-79-9	Fluorene-d10	11.977		20-140		30	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-QT4-2024-07	SDG No.:	BM121224
Lab Sample ID:	P4776-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048969.D	1	11/20/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	6.899		10-130		17	SPK: -40
1719-06-8	Anthracene-d10	10.656		10-150		27	SPK: -40
1718-52-1	Pyrene-d10	12.926		10-130		32	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	11.959		10-140		30	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	225552	7.569				
1146-65-2	Naphthalene-d8	871266	10.339				
15067-26-2	Acenaphthene-d10	470254	14.204				
1517-22-2	Phenanthrene-d10	882470	16.957				
1719-03-5	Chrysene-d12	735461	21.18				
1520-96-3	Perylene-d12	784093	23.986				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1300	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BM121224
Lab Sample ID:	PB165141BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048970.D	1	11/20/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165141

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

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BM121224
Lab Sample ID:	PB165141BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048970.D	1	11/20/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165141

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

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BM121224
Lab Sample ID:	PB165141BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048970.D	1	11/20/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1400	U	1400	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	1100	U	1100	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	730	U	730	2500	9900	ug/Kg
56-55-3	Benzo(a)anthracene	1300	U	1300	1300	5000	ug/Kg
218-01-9	Chrysene	1400	U	1400	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1500	U	1500	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	1100	U	1100	2500	9900	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300	U	1300	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600	U	1600	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	1500	U	1500	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1200	U	1200	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1300	U	1300	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1300	U	1300	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200	U	1200	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.008		15-120		88	SPK: -8
7291-22-7	Pyridine-d5	33.073		20-120		83	SPK: -40
4165-62-2	Phenol-d5	33.296		10-130		83	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.583		10-150		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.607		15-120		89	SPK: -40
190780-66-6	4-Methylphenol-d8	31.81		10-140		80	SPK: -40
4165-60-0	Nitrobenzene-d5	36.407		10-135		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.524		10-120		89	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.009		10-140		85	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.522		1-145		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.88		10-145		95	SPK: -40
93951-97-4	Acenaphthylene-d8	36.814		15-120		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.556		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	37.438		20-140		94	SPK: -40

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BM121224
Lab Sample ID:	PB165141BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM048970.D	1	11/20/2024 12:00:00 AM	12/12/2024 12:00:00 AM	PB165141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.034		10-130		53	SPK: -40
1719-06-8	Anthracene-d10	36.29		10-150		91	SPK: -40
1718-52-1	Pyrene-d10	44.043		10-130		110	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.674		10-140		97	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	153923	7.569				
1146-65-2	Naphthalene-d8	581174	10.339				
15067-26-2	Acenaphthene-d10	309882	14.21				
1517-22-2	Phenanthrene-d10	583052	16.951				
1719-03-5	Chrysene-d12	465900	21.18				
1520-96-3	Perylene-d12	516522	23.986				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1400	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM121224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	MDL-WATER-QT4-2024-07						
P4776-01	MDL-WATER-QT4-2024 Water	Total Alkanes	*	0.000	1.7	5	ug/L
		Total Tics :			0.00		
P4776-01	MDL-WATER-QT4-2024 Water	1,1-Biphenyl	4.000	J	1.7	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	1,2,3,4-Tetrachlorobenzene	3.400	J	1.2	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	1,2,4,5-Tetrachlorobenzene	4.000	J	1.8	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	1,4-Dioxane	1.100	J	0.49	2	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	1-Methylnaphthalene	3.700	J	1.3	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,2-oxybis(1-Chloropropane)	4.200	J	1.4	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,3,4,6-Tetrachlorophenol	3.400	J	1.4	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,4,5-Trichlorophenol	3.600	J	1.5	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,4,6-Trichlorophenol	3.400	J	1.5	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,4-Dichlorophenol	4.000	J	1.5	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,4-Dimethylphenol	2.500	J	0.98	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,4-Dinitrotoluene	3.100	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,6-Dinitrotoluene	3.100	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2-Chloronaphthalene	4.000	J	1.6	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2-Chlorophenol	4.100	J	1.3	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2-Methylnaphthalene	3.900	J	1.4	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2-Methylphenol	3.400	J	1.4	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2-Nitroaniline	2.900	J	1.2	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2-Nitrophenol	3.900	J	1.4	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	3,3-Dichlorobenzidine	1.900	J	1.1	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	3-Nitroaniline	2.700	J	0.84	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4,6-Dinitro-2-methylphenol	2.900	J	0.94	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4-Bromophenyl-phenylether	3.600	J	1.5	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4-Chloro-3-methylphenol	3.200	J	1.4	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4-Chloroaniline	3.600	J	1.4	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4-Chlorophenyl-phenylether	3.600	J	1.6	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4-Methylphenol	3.600	J	1.4	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4-Nitroaniline	2.800	J	1.3	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4-Nitrophenol	3.500	J	1.5	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Acenaphthene	3.900	J	1.5	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Acenaphthylene	4.100	J	1.5	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Acetophenone	3.800	J	1.5	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Anthracene	3.500	J	1.4	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Atrazine	3.000	J	1.6	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Benzaldehyde	4.600	J	2.5	10	ug/L

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SDG No.: BM121224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4776-01	MDL-WATER-QT4-2024 Water	Benzo(a)anthracene	3.900	J	1.4	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Benzo(a)pyrene	3.500	J	1.5	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Benzo(b)fluoranthene	3.500	J	1.6	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Benzo(g,h,i)perylene	3.900	J	1.4	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Benzo(k)fluoranthene	3.600	J	1.7	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Bis(2-Chloroethoxy)methane	4.100	J	1.5	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Bis(2-Chloroethyl)ether	4.200	J	1.4	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Bis(2-ethylhexyl)phthalate	3.100	J	1.8	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Butylbenzylphthalate	3.200	J	1.5	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Carbazole	3.300	J	1.6	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Chrysene	4.000	J	1.5	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Di-n-butylphthalate	3.200	J	1.7	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Di-n-octyl phthalate	2.200	J	1.4	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Dibenzo(a,h)anthracene	3.700	J	1.4	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Dibenzofuran	4.000	J	1.5	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Diethylphthalate	3.700	J	1.5	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Dimethylphthalate	3.900	J	1.5	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Fluoranthene	3.900	J	1.7	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Fluorene	3.900	J	1.5	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Hexachlorobenzene	3.700	J	1.6	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Hexachlorobutadiene	4.100	J	1.2	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Hexachloroethane	4.100	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Indeno(1,2,3-cd)pyrene	3.700	J	1.4	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Isophorone	3.700	J	1.4	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	N-Nitroso-di-n-propylamine	3.600	J	1.6	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	N-Nitrosodiphenylamine	3.600	J	1.6	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Naphthalene	4.200	J	1.3	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Nitrobenzene	4.100	J	1.4	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Pentachlorobenzene	3.300	J	1.5	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Phenanthrene	3.800	J	1.6	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Phenol	3.900	J	1.4	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Pyrene	4.100	J	1.7	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Pyridine	3.700	J	1.4	10	ug/L
Total Svoc :			242.40				
Total Concentration:			242.40				
Client ID :	MDL-SOIL-QT4-2024-07						
P4776-03	MDL-SOIL-QT4-2024-0' Solid	Total Alkanes	*	0.000	48	170	ug/Kg
Total Tics :			0.00				
P4776-03	MDL-SOIL-QT4-2024-0' Solid	1,1-Biphenyl	130.000	J	48	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0' Solid	1,2,3,4-Tetrachlorobenzene	120.000	J	33	170	ug/Kg

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SDG No.: BM121224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	1,2,4,5-Tetrachlorobenzene	140.000	J	51	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	1,4-Dioxane	34.000	J	13	67	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	1-Methylnaphthalene	120.000	J	41	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,2-oxybis(1-Chloropropane)	140.000	J	27	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,3,4,6-Tetrachlorophenol	110.000	J	37	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,4,5-Trichlorophenol	110.000	J	42	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,4,6-Trichlorophenol	110.000	J	43	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,4-Dichlorophenol	140.000	J	39	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,4-Dimethylphenol	83.000	J	28	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,4-Dinitrotoluene	110.000	J	27	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,6-Dinitrotoluene	97.000	J	21	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2-Chloronaphthalene	140.000	J	45	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2-Chlorophenol	140.000	J	28	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2-Methylnaphthalene	130.000	J	37	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2-Methylphenol	120.000	J	30	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2-Nitroaniline	100.000	J	22	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2-Nitrophenol	130.000	J	32	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	3,3-Dichlorobenzidine	70.000	J	23	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	3-Nitroaniline	92.000	J	20	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4,6-Dinitro-2-methylphenol	95.000	J	16	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4-Bromophenyl-phenylether	110.000	J	45	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4-Chloro-3-methylphenol	110.000	J	28	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4-Chloroaniline	120.000	J	43	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4-Chlorophenyl-phenylether	120.000	J	47	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4-Methylphenol	120.000	J	32	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4-Nitroaniline	97.000	J	42	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4-Nitrophenol	120.000	J	41	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Acenaphthene	130.000	J	41	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Acenaphthylene	140.000	J	43	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Acetophenone	130.000	J	38	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Anthracene	120.000	J	43	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Atrazine	100.000	J	39	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Benzaldehyde	160.000	J	75	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Benzo(a)anthracene	130.000	J	39	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Benzo(a)pyrene	120.000	J	42	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Benzo(b)fluoranthene	120.000	J	42	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Benzo(g,h,i)perylene	130.000	J	35	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Benzo(k)fluoranthene	120.000	J	45	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Bis(2-Chloroethoxy)methane	130.000	J	38	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Bis(2-Chloroethyl)ether	140.000	J	34	330	ug/Kg

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SDG No.: BM121224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Bis(2-ethylhexyl)phthalate	110.000	J	44	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Butylbenzylphthalate	110.000	J	32	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Carbazole	110.000	J	45	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Chrysene	140.000	J	45	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Di-n-butylphthalate	110.000	J	42	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Di-n-octyl phthalate	74.000	J	34	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Dibenzo(a,h)anthracene	130.000	J	37	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Dibenzofuran	140.000	J	46	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Diethylphthalate	120.000	J	60	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Dimethylphthalate	130.000	J	42	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Fluoranthene	130.000	J	44	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Fluorene	120.000	J	45	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Hexachlorobenzene	130.000	J	50	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Hexachlorobutadiene	140.000	J	34	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Hexachlorocyclopentadiene	100.000	J	79	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Hexachloroethane	140.000	J	23	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Indeno(1,2,3-cd)pyrene	130.000	J	37	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Isophorone	120.000	J	34	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	N-Nitroso-di-n-propylamine	120.000	J	29	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	N-Nitrosodiphenylamine	120.000	J	42	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Naphthalene	140.000	J	34	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Nitrobenzene	130.000	J	36	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Pentachlorobenzene	110.000	J	51	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Pentachlorophenol	120.000	J	87	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Phenanthrene	130.000	J	44	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Phenol	130.000	J	35	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Pyrene	130.000	J	44	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Pyridine	130.000	J	43	330	ug/Kg
Total Svoc :				8,372.00				
Total Concentration:				8,372.00				
Client ID :	MDL-MED-SOIL-QT4-2024-07							
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Total Alkanes	*	0.000	1300	4800	ug/Kg
Total Tics :				0.00				
P4776-05	MDL-MED-SOIL-QT4-2	Solid	1,1-Biphenyl	3,900.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	1,2,3,4-Tetrachlorobenzene	3,500.000	J	1100	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	1,2,4,5-Tetrachlorobenzene	3,900.000	J	1400	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	1,4-Dioxane	1,000.000	J	380	1900	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	1-Methylnaphthalene	3,500.000	J	1200	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,2-oxybis(1-Chloropropane)	3,900.000	J	740	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,3,4,6-Tetrachlorophenol	3,200.000	J	1200	4800	ug/Kg

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SDG No.: BM121224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,4,5-Trichlorophenol	3,200.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,4,6-Trichlorophenol	3,100.000	J	1200	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,4-Dichlorophenol	3,700.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,4-Dimethylphenol	2,400.000	J	820	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,4-Dinitrophenol	3,300.000	J	2900	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,4-Dinitrotoluene	3,000.000	J	850	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,6-Dinitrotoluene	2,800.000	J	710	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2-Chloronaphthalene	4,000.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2-Chlorophenol	3,800.000	J	850	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2-Methylnaphthalene	3,700.000	J	1200	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2-Methylphenol	3,200.000	J	910	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2-Nitroaniline	3,000.000	J	650	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2-Nitrophenol	3,600.000	J	1100	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	3,3-Dichlorobenzidine	1,900.000	J	710	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	3-Nitroaniline	2,700.000	J	650	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4,6-Dinitro-2-methylphenol	2,800.000	J	460	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4-Bromophenyl-phenylether	3,500.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4-Chloro-3-methylphenol	3,100.000	J	860	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4-Chloroaniline	3,500.000	J	1300	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4-Chlorophenyl-phenylether	3,500.000	J	1500	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4-Methylphenol	3,400.000	J	840	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4-Nitroaniline	2,800.000	J	1100	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4-Nitrophenol	3,500.000	J	1300	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Acenaphthene	3,700.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Acenaphthylene	4,000.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Acetophenone	3,600.000	J	1100	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Anthracene	3,400.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Atrazine	2,900.000	J	890	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Benzaldehyde	4,400.000	J	2100	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Benzo(a)anthracene	3,800.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Benzo(a)pyrene	3,400.000	J	1400	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Benzo(b)fluoranthene	3,400.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Benzo(g,h,i)perylene	3,800.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Benzo(k)fluoranthene	3,500.000	J	1500	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Bis(2-Chloroethoxy)methane	3,700.000	J	1100	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Bis(2-Chloroethyl)ether	3,900.000	J	880	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Bis(2-ethylhexyl)phthalate	3,100.000	J	1400	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Butylbenzylphthalate	3,300.000	J	1100	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Caprolactam	2,900.000	J	2600	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Carbazole	3,100.000	J	1400	9600	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BM121224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Chrysene	3,900.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Di-n-butylphthalate	3,100.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Di-n-octyl phthalate	2,200.000	J	1100	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Dibenzo(a,h)anthracene	3,700.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Dibenzofuran	3,800.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Diethylphthalate	3,500.000	J	1700	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Dimethylphthalate	3,700.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Fluoranthene	3,700.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Fluorene	3,600.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Hexachlorobenzene	3,600.000	J	1400	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Hexachlorobutadiene	3,800.000	J	1100	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Hexachlorocyclopentadiene	2,900.000	J	2300	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Hexachloroethane	3,900.000	J	560	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Indeno(1,2,3-cd)pyrene	3,600.000	J	1200	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Isophorone	3,500.000	J	880	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	N-Nitroso-di-n-propylamine	3,500.000	J	730	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	N-Nitrosodiphenylamine	3,300.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Naphthalene	3,900.000	J	930	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Nitrobenzene	4,000.000	J	910	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Pentachlorobenzene	3,300.000	J	1500	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Pentachlorophenol	3,500.000	J	2400	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Phenanthrene	3,600.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Phenol	3,800.000	J	960	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Pyrene	3,900.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Pyridine	3,500.000	J	1300	9600	ug/Kg
Total Svoc :				245,100.00				
Total Concentration:				245,100.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM121124 SAS No.: BM121124 SDG No.: BM121124

Instrument ID: _____ Calibration Date(s): 12/11/2024

Calibration Time(s): 16:23

LAB FILE ID:		RRFAL1 = BM048956.D		RRFAL2 = BM048957.D		RRFAL3 = BM048958.D		
		RRFAL4 = BM048959.D		RRFAL5 = BM048960.D		RRFAL6 = BM048961.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.617	0.612	0.594	0.620	0.583		0.605	2.6
Benzaldehyde		1.062	1.184	1.079	0.750	0.573	0.930	27.6
Pyridine		1.573	1.800	1.859	1.824	1.774	1.766	6.4
Hexachloroethane	0.526	0.546	0.580	0.619	0.616		0.577	7.1
Nitrobenzene	0.341	0.359	0.406	0.429	0.432		0.393	10.5
Isophorone	0.588	0.634	0.727	0.758	0.768		0.695	11.5
2-Nitrophenol	0.120	0.134	0.158	0.182	0.188		0.156	18.9
2,4-Dimethylphenol	0.271	0.296	0.341	0.354	0.362		0.325	12.2
Bis(2-Chloroethoxy)methane	0.392	0.416	0.460	0.481	0.473		0.444	8.7
2,4-Dichlorophenol	0.249	0.263	0.307	0.319	0.320		0.292	11.4
Naphthalene	1.011	1.016	1.087	1.113	1.085		1.063	4.3
4-Chloroaniline		0.371	0.423	0.442	0.440	0.442	0.424	7.2
Hexachlorobutadiene	0.177	0.180	0.186	0.196	0.202		0.188	5.7
Phenol		1.636	1.835	1.954	1.966	2.006	1.879	8.0
Caprolactam		0.073	0.092	0.094	0.095	0.105	0.092	12.6
4-Chloro-3-methylphenol	0.220	0.241	0.296	0.314	0.325		0.279	16.5
1-Methylnaphthalene	0.617	0.636	0.700	0.710	0.699		0.673	6.4
2-Methylnaphthalene	0.610	0.632	0.699	0.718	0.706		0.673	7.2
Hexachlorocyclopentadiene		0.294	0.326	0.384	0.427	0.470	0.380	18.9
2,4,6-Trichlorophenol	0.262	0.305	0.345	0.391	0.415		0.344	18.1
2,4,5-Trichlorophenol	0.313	0.331	0.379	0.424	0.443		0.378	14.9
1,1-Biphenyl	1.414	1.445	1.509	1.615	1.587		1.514	5.7
2-Chloronaphthalene	1.119	1.154	1.199	1.272	1.271		1.203	5.7
2-Nitroaniline	0.213	0.246	0.313	0.368	0.402		0.309	25.8
Bis(2-Chloroethyl)ether		1.359	1.478	1.553	1.536	1.504	1.486	5.1
Dimethylphthalate	1.276	1.320	1.407	1.453	1.432		1.378	5.5
2,6-Dinitrotoluene	0.166	0.193	0.239	0.275	0.288		0.232	22.5
Acenaphthylene	1.628	1.738	1.866	1.985	1.930		1.830	7.9
3-Nitroaniline		0.214	0.275	0.303	0.282	0.280	0.271	12.3
Acenaphthene	1.203	1.236	1.315	1.381	1.354		1.298	5.9
2,4-Dinitrophenol		0.069	0.094	0.117	0.144	0.183	0.121	36.7
4-Nitrophenol		0.130	0.171	0.199	0.218	0.249	0.193	23.5
Dibenzofuran	1.670	1.687	1.769	1.823	1.785		1.747	3.8
2,4-Dinitrotoluene	0.239	0.292	0.373	0.398	0.415		0.343	21.8
Diethylphthalate	1.162	1.242	1.378	1.432	1.422		1.327	9.0
2-Chlorophenol	1.174	1.220	1.358	1.457	1.470		1.336	10.1

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.: BM121124 SAS No.: BM121124 SDG No.: BM121124

Instrument ID: _____ Calibration Date(s): 12/11/2024

Calibration Time(s): 16:23

LAB FILE ID:		RRFAL1 = BM048956.D		RRFAL2 = BM048957.D		RRFAL3 = BM048958.D		
		RRFAL4 = BM048959.D		RRFAL5 = BM048960.D		RRFAL6 = BM048961.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.290	1.338	1.484	1.534	1.574		1.444	8.6
4-Chlorophenyl-phenylether	0.589	0.631	0.691	0.754	0.835		0.700	14.0
4-Nitroaniline		0.203	0.290	0.295	0.255	0.246	0.258	14.4
4,6-Dinitro-2-methylphenol		0.070	0.100	0.119	0.135	0.157	0.116	28.6
N-Nitrosodiphenylamine	0.538	0.560	0.618	0.659	0.672		0.609	9.8
1,2,4,5-Tetrachlorobenzene	0.543	0.559	0.582	0.659	0.718		0.612	12.1
4-Bromophenyl-phenylether	0.169	0.171	0.193	0.218	0.234		0.197	14.5
Hexachlorobenzene	0.208	0.216	0.235	0.252	0.274		0.237	11.4
Atrazine		0.174	0.206	0.228	0.244	0.266	0.223	15.8
Pentachlorophenol		0.098	0.123	0.144	0.168	0.200	0.147	26.8
2-Methylphenol		1.079	1.258	1.339	1.371	1.402	1.290	10.1
Phenanthrene	1.064	1.072	1.166	1.221	1.261		1.157	7.6
Pentachlorobenzene	0.283	0.286	0.304	0.338	0.363		0.315	11.1
Anthracene	1.029	1.070	1.181	1.243	1.303		1.165	9.9
1,2,3,4-Tetrachlorobenzene	0.284	0.297	0.306	0.354	0.381		0.324	12.7
Carbazole		0.949	1.090	1.132	1.156	1.166	1.099	8.1
Di-n-butylphthalate	0.850	0.942	1.144	1.259	1.323		1.103	18.4
Fluoranthene	1.217	1.221	1.325	1.399	1.439		1.320	7.6
Pyrene	1.346	1.373	1.456	1.542	1.564		1.456	6.7
Butylbenzylphthalate	0.335	0.363	0.456	0.526	0.543		0.445	21.1
3,3-Dichlorobenzidine		0.254	0.316	0.367	0.377	0.424	0.347	18.7
2,2-oxybis (1-Chloropropane)		2.078	2.217	2.290	2.229	2.183	2.199	3.5
Benzo (a) anthracene	1.179	1.210	1.358	1.433	1.527		1.341	11.0
Chrysene	1.141	1.157	1.260	1.338	1.417		1.263	9.3
Bis (2-ethylhexyl) phthalate	0.462	0.537	0.670	0.753	0.789		0.642	21.7
Di-n-octyl phthalate		0.741	0.998	1.233	1.474	1.569	1.203	28.3
Benzo (b) fluoranthene	1.039	1.108	1.245	1.367	1.566		1.265	16.7
Benzo (k) fluoranthene	1.011	1.089	1.222	1.422	1.574		1.264	18.5
Benzo (a) pyrene	0.950	1.013	1.161	1.300	1.456		1.176	17.6
Indeno (1,2,3-cd) pyrene	1.208	1.283	1.439	1.579	1.756		1.453	15.3
Dibenzo (a,h) anthracene	0.981	1.039	1.178	1.285	1.454		1.187	16.1
Benzo (g,h,i) perylene	0.950	1.010	1.117	1.205	1.295		1.115	12.6
Acetophenone		1.915	2.200	2.306	2.290	2.237	2.190	7.3
2,3,4,6-Tetrachlorophenol	0.211	0.235	0.284	0.312	0.342		0.277	19.4
1,4-Dioxane-d8	0.563	0.577	0.588	0.570	0.544		0.568	2.9
Pyridine-d5		1.477	1.691	1.781	1.754	1.747	1.690	7.3

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BM121124 SAS No.: BM121124 SDG No.: BM121124
Instrument ID: _____ Calibration Date(s): 12/11/2024 _____
Calibration Time(s): 16:23 _____

LAB FILE ID:		RRFAL1 = BM048956.D			RRFAL2 = BM048957.D		RRFAL3 = BM048958.D	
		RRFAL4 = BM048959.D			RRFAL5 = BM048960.D		RRFAL6 = BM048961.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.473	1.679	1.800	1.850	1.916	1.743	10.0
Bis-(2-Chloroethyl)ether-d8		1.089	1.169	1.240	1.212	1.210	1.184	5.0
2-Chlorophenol-d4	1.052	1.169	1.289	1.397	1.419		1.265	12.3
4-Methylphenol-d8		1.088	1.240	1.349	1.390	1.441	1.301	10.8
Nitrobenzene-d5	0.116	0.125	0.149	0.162	0.165		0.143	15.1
2-Nitrophenol-d4	0.096	0.109	0.134	0.156	0.168		0.133	23.1
2,4-Dichlorophenol-d3	0.227	0.259	0.295	0.314	0.316		0.282	13.6
4-Chloroaniline-d4		0.378	0.437	0.458	0.460	0.467	0.440	8.3
4-Methylphenol		1.210	1.378	1.474	1.502	1.524	1.417	9.1
Dimethylphthalate-d6	1.269	1.322	1.407	1.458	1.430		1.377	5.7
Acenaphthylene-d8	1.448	1.558	1.707	1.847	1.844		1.681	10.5
4-Nitrophenol-d4		0.184	0.258	0.280	0.293	0.305	0.264	18.2
Fluorene-d10	1.071	1.114	1.217	1.272	1.294		1.194	8.2
4,6-Dinitro-2-methylphenol-		0.062	0.086	0.106	0.124	0.144	0.104	30.8
Anthracene-d10	0.840	0.877	0.992	1.064	1.129		0.980	12.4
Pyrene-d10	0.985	1.023	1.132	1.221	1.254		1.123	10.5
Benzo(a)pyrene-d12	0.805	0.898	1.021	1.137	1.262		1.025	17.8
N-Nitroso-di-n-propylamine	0.859	0.937	1.114	1.205	1.221		1.067	15.2

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.: BM121224 SAS No.: BM121224 SDG NO.: BM121224

EPA Sample No.: SSTD020001 Date Analyzed: Dec 12 2024 12:00AM

Lab File ID: BM048958.D Time Analyzed: 10:12

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	156047	7.575	622746	10.34	370622	14.21
UPPER LIMIT	312094	8.075	1245492	10.839	741244	14.71
LOWER LIMIT	78023.5	7.075	311373	9.839	185311	13.71
EPA SAMPLE NO.						
01 SBLK140	148977	7.58	580180	10.34	318817	14.20
02 SBLK114	134132	7.57	513732	10.34	281667	14.21
03 MDL-WATER-QT4-2024-07	185118	7.57	719546	10.34	399821	14.21
04 MDL-SOIL-QT4-2024-07	210488	7.58	815797	10.34	436048	14.21
05 MDL-MED-SOIL-QT4-2024-07	225552	7.57	871266	10.34	470254	14.20
06 SBLK141	153923	7.57	581174	10.34	309882	14.21

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.: BM121224 SAS No.: BM121224 SDG NO.: BM121224

EPA Sample No.: SSTD020060 Date Analyzed: Dec 12 2024 12:00AM

Lab File ID: BM048964.D Time Analyzed: 10:12

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	170511	7.569	649423	10.34	375379	14.21
UPPER LIMIT	341022	8.069	1298846	10.839	750758	14.71
LOWER LIMIT	85255.5	7.069	324711.5	9.839	187689.5	13.71
EPA SAMPLE NO.						
01 SBLK140	148977	7.58	580180	10.34	318817	14.20
02 SBLK114	134132	7.57	513732	10.34	281667	14.21
03 MDL-WATER-QT4-2024-07	185118	7.57	719546	10.34	399821	14.21
04 MDL-SOIL-QT4-2024-07	210488	7.58	815797	10.34	436048	14.21
05 MDL-MED-SOIL-QT4-2024-07	225552	7.57	871266	10.34	470254	14.20
06 SBLK141	153923	7.57	581174	10.34	309882	14.21

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.: BM121224 SAS No.: BM121224 SDG NO.: BM121224

EPA Sample No.: SSTD020001 Date Analyzed: Dec 12 2024 12:00AM

Lab File ID: BM048958.D Time Analyzed: 10:12

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	685548	16.956	635517	21.18	630762	23.997
UPPER LIMIT	1371096	17.456	1271034	21.68	1261524	24.497
LOWER LIMIT	342774	16.456	317758.5	20.68	315381	23.497
EPA SAMPLE NO.						
01 SBLK140	625501	16.95	504076	21.18	551458	23.99
02 SBLK114	532894	16.95	425566	21.18	468083	23.99
03 MDL-WATER-QT4-2024-07	760457	16.95	649501	21.18	686841	23.99
04 MDL-SOIL-QT4-2024-07	821102	16.96	689649	21.18	725677	23.99
05 MDL-MED-SOIL-QT4-2024-07	882470	16.96	735461	21.18	784093	23.99
06 SBLK141	583052	16.95	465900	21.18	516522	23.99

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.: BM121224 SAS No.: BM121224 SDG NO.: BM121224

EPA Sample No.: SSTD020060 Date Analyzed: Dec 12 2024 12:00AM

Lab File ID: BM048964.D Time Analyzed: 10:12

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	694952	16.957	666849	21.18	665275	23.991
UPPER LIMIT	1389904	17.457	1333698	21.68	1330550	24.491
LOWER LIMIT	347476	16.457	333424.5	20.68	332637.5	23.491
EPA SAMPLE NO.						
01 SBLK140	625501	16.95	504076	21.18	551458	23.99
02 SBLK114	532894	16.95	425566	21.18	468083	23.99
03 MDL-WATER-QT4-2024-07	760457	16.95	649501	21.18	686841	23.99
04 MDL-SOIL-QT4-2024-07	821102	16.96	689649	21.18	725677	23.99
05 MDL-MED-SOIL-QT4-2024-07	882470	16.96	735461	21.18	784093	23.99
06 SBLK141	583052	16.95	465900	21.18	516522	23.99

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.

SBLK114

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM121224

SAS No.: BM121224 SDG NO.: BM121224

Lab File ID: BM048966.D

Lab Sample ID: PB165114BL

Instrument ID: BNA_M

Date Extracted: 11/19/2024

Matrix: (soil/water) Water

Date Analyzed: 12/12/2024

Level: (low/med) LOW

Time Analyzed: 10:51

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT4-2024-07	P4776-01	BM048967.D	12/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK140

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM121224

SAS No.: BM121224 SDG NO.: BM121224

Lab File ID: BM048965.D

Lab Sample ID: PB165140BL

Instrument ID: BNA_M

Date Extracted: 11/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/12/2024

Level: (low/med) LOW

Time Analyzed: 10:12

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-QT4-2024-07	P4776-03	BM048968.D	12/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK141

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM121224

SAS No.: BM121224 SDG NO.: BM121224

Lab File ID: BM048970.D

Lab Sample ID: PB165141BL

Instrument ID: BNA_M

Date Extracted: 11/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 12/12/2024

Level: (low/med) MED

Time Analyzed: 13:39

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-QT4-2024-07	P4776-05	BM048969.D	12/12/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BM121224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4776-01	MDL-WATER-QT4BM048967.D		1,4-Dioxane-d8	8	3.28	41		15	120
			Pyridine-d5	40	11.47	29		20	120
			Phenol-d5	40	11.52	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.44	31		25	120
			2-Chlorophenol-d4	40	12.22	31		20	130
			4-Methylphenol-d8	40	10.87	27		25	125
			Nitrobenzene-d5	40	12.02	30		20	125
			2-Nitrophenol-d4	40	11.30	28		20	130
			2,4-Dichlorophenol-d3	40	11.41	29		20	120
			4-Chloroaniline-d4	40	10.87	27		1	146
			Dimethylphthalate-d6	40	12.00	30		25	130
			Acenaphthylene-d8	40	12.03	30		10	130
			4-Nitrophenol-d4	40	9.09	23		10	150
			Fluorene-d10	40	12.12	30		25	125
			4,6-Dinitro-2-methylphenol-d2	40	6.72	17		10	130
			Anthracene-d10	40	10.77	27		25	130
			Pyrene-d10	40	12.66	32		15	130
			Benzo(a)pyrene-d12	40	11.79	29		20	130
PB165114BL	PB165114BL	BM048966.D	Pyridine-d5	40	33.78	84		20	120
			1,4-Dioxane-d8	8	7.59	95		15	120
			Phenol-d5	40	33.71	84		10	130
			Bis(2-Chloroethyl)ether-d8	40	35.31	88		25	120
			2-Chlorophenol-d4	40	36.55	91		20	130
			4-Methylphenol-d8	40	32.19	80		25	125
			Nitrobenzene-d5	40	36.84	92		20	125
			2-Nitrophenol-d4	40	36.31	91		20	130
			2,4-Dichlorophenol-d3	40	33.72	84		20	120
			4-Chloroaniline-d4	40	31.83	80		1	146
			Dimethylphthalate-d6	40	38.41	96		25	130
			Acenaphthylene-d8	40	37.21	93		10	130
			4-Nitrophenol-d4	40	25.93	65		10	150
			Fluorene-d10	40	37.89	95		25	125
			4,6-Dinitro-2-methylphenol-d2	40	21.69	54		10	130
			Anthracene-d10	40	37.09	93		25	130
			Pyrene-d10	40	44.24	111		15	130
			Benzo(a)pyrene-d12	40	38.41	96		20	130

Surrogate Summary

SW-846

SDG No.: BM121224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4776-03	MDL-SOIL-QT4-2(BM048968.D		1,4-Dioxane-d8	8	3.21	40		15	120
			Pyridine-d5	40	11.56	29		20	120
			Phenol-d5	40	11.69	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.67	32		10	150
			2-Chlorophenol-d4	40	12.32	31		15	120
			4-Methylphenol-d8	40	10.69	27		10	140
			Nitrobenzene-d5	40	12.53	31		10	135
			2-Nitrophenol-d4	40	11.44	29		10	120
			2,4-Dichlorophenol-d3	40	11.44	29		10	140
			4-Chloroaniline-d4	40	10.66	27		1	145
			Dimethylphthalate-d6	40	11.96	30		10	145
			Acenaphthylene-d8	40	12.16	30		15	120
			4-Nitrophenol-d4	40	8.63	22		10	150
			Fluorene-d10	40	12.20	31		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.60	17		10	130
			Anthracene-d10	40	10.65	27		10	150
			Pyrene-d10	40	12.81	32		10	130
			Benzo(a)pyrene-d12	40	11.84	30		10	140
PB165140BL	PB165140BL	BM048965.D	Pyridine-d5	40	31.42	79		20	120
			1,4-Dioxane-d8	8	6.65	83		15	120
			Phenol-d5	40	31.74	79		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.92	82		10	150
			2-Chlorophenol-d4	40	33.88	85		15	120
			4-Methylphenol-d8	40	31.15	78		10	140
			Nitrobenzene-d5	40	34.83	87		10	135
			2-Nitrophenol-d4	40	34.10	85		10	120
			2,4-Dichlorophenol-d3	40	30.97	77		10	140
			4-Chloroaniline-d4	40	29.98	75		1	145
			Dimethylphthalate-d6	40	37.32	93		10	145
			Acenaphthylene-d8	40	35.63	89		15	120
			4-Nitrophenol-d4	40	25.26	63		10	150
			Fluorene-d10	40	36.45	91		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.25	53		10	130
			Anthracene-d10	40	34.57	86		10	150
			Pyrene-d10	40	41.59	104		10	130
			Benzo(a)pyrene-d12	40	35.87	90		10	140

Surrogate Summary

SW-846

SDG No.: BM121224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4776-05	MDL-MED-SOIL-(BM048969.D		1,4-Dioxane-d8	8	3.07	38		15	120
			Pyridine-d5	40	11.38	28		20	120
			Phenol-d5	40	11.40	28		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.22	31		10	150
			2-Chlorophenol-d4	40	12.12	30		15	120
			4-Methylphenol-d8	40	10.67	27		10	140
			Nitrobenzene-d5	40	12.15	30		10	135
			2-Nitrophenol-d4	40	11.16	28		10	120
			2,4-Dichlorophenol-d3	40	11.54	29		10	140
			4-Chloroaniline-d4	40	10.59	26		1	145
			Dimethylphthalate-d6	40	11.97	30		10	145
			Acenaphthylene-d8	40	12.08	30		15	120
			4-Nitrophenol-d4	40	8.76	22		10	150
			Fluorene-d10	40	11.98	30		20	140
			4,6-Dinitro-2-methylphenol-d2	40	6.90	17		10	130
			Anthracene-d10	40	10.66	27		10	150
			Pyrene-d10	40	12.93	32		10	130
			Benzo(a)pyrene-d12	40	11.96	30		10	140
PB165141BL	PB165141BL	BM048970.D	1,4-Dioxane-d8	8	7.01	88		15	120
			Pyridine-d5	40	33.07	83		20	120
			Phenol-d5	40	33.30	83		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.58	86		10	150
			2-Chlorophenol-d4	40	35.61	89		15	120
			4-Methylphenol-d8	40	31.81	80		10	140
			Nitrobenzene-d5	40	36.41	91		10	135
			2-Nitrophenol-d4	40	35.52	89		10	120
			2,4-Dichlorophenol-d3	40	34.01	85		10	140
			4-Chloroaniline-d4	40	31.52	79		1	145
			Dimethylphthalate-d6	40	37.88	95		10	145
			Acenaphthylene-d8	40	36.81	92		15	120
			4-Nitrophenol-d4	40	24.56	61		10	150
			Fluorene-d10	40	37.44	94		20	140
			4,6-Dinitro-2-methylphenol-d2	40	21.03	53		10	130
			Anthracene-d10	40	36.29	91		10	150
			Pyrene-d10	40	44.04	110		10	130
			Benzo(a)pyrene-d12	40	38.67	97		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM121224

Lab Code: CHEM

SAS No.: BM121224 SDG NO.: BM121224

Lab File ID: BM048963.D

DFTPP Injection Date: 12/12/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	41.5
68	Less than 2.0% of mass 69	0.7 (1.5) 1
69	Mass 69 relative abundance	42.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.1
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	23.4
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	11
442	Greater than 50% of mass 198	67
443	15.0 - 24.0% of mass 442	12.9 (19.2) 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
SSTD020060	SSTDCCC020	BM048964.D	12/12/2024	09:33
SBLK140	PB165140BL	BM048965.D	12/12/2024	10:12
SBLK114	PB165114BL	BM048966.D	12/12/2024	10:51
MDL-WATER-QT4-2024-07	P4776-01	BM048967.D	12/12/2024	11:30
MDL-SOIL-QT4-2024-07	P4776-03	BM048968.D	12/12/2024	12:21
MDL-MED-SOIL-QT4-2024-07	P4776-05	BM048969.D	12/12/2024	13:00
SBLK141	PB165141BL	BM048970.D	12/12/2024	13:39
SSTD020061	SSTDCCC020EC	BM048971.D	12/12/2024	14:25