

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BG112124 SAS No.: BG112124 SDG No.: BG112124

Instrument ID: BNA_G Calibration Date/Time: 11/21/2024 : 09:44

Lab File ID: BG063502.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020545 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.598	0.553	0.010	-7.6137	40.0
Benzaldehyde	0.941	1.133	0.010	20.3384	40.0
Pyridine	1.616	1.458	0.010	-9.7631	40.0
Phenol	1.794	1.767	0.080	-1.5051	20.0
Bis(2-Chloroethyl)ether	1.295	1.333	0.100	2.9759	20.0
2-Chlorophenol	1.244	1.226	0.200	-1.4752	20.0
2-Methylphenol	1.335	1.340	0.010	0.3854	20.0
2,2-oxybis(1-Chloropropane)	1.897	1.993	0.010	5.0916	40.0
Acetophenone	2.171	2.219	0.060	2.2074	20.0
4-Methylphenol	1.464	1.454	0.010	-0.63	20.0
N-Nitroso-di-n-propylamine	1.213	1.275	0.050	5.0676	30.0
Hexachloroethane	0.537	0.563	0.100	4.7549	20.0
Nitrobenzene	0.441	0.448	0.050	1.59	25.0
Isophorone	0.805	0.834	0.050	3.6419	25.0
2-Nitrophenol	0.176	0.191	0.050	8.4608	25.0
2,4-Dimethylphenol	0.379	0.395	0.050	4.1875	25.0
Bis(2-Chloroethoxy)methane	0.445	0.449	0.050	0.9031	20.0
2,4-Dichlorophenol	0.331	0.339	0.060	2.3766	20.0
Naphthalene	1.022	1.067	0.200	4.3449	20.0
4-Chloroaniline	0.409	0.420	0.010	2.5857	40.0
Hexachlorobutadiene	0.295	0.297	0.040	0.5705	30.0
Caprolactam	0.112	0.103	0.010	-7.2232	40.0
4-Chloro-3-methylphenol	0.337	0.361	0.040	7.0757	25.0
1-Methylnaphthalene	0.762	0.801	0.100	5.0891	20.0
2-Methylnaphthalene	0.726	0.766	0.100	5.4895	20.0
Hexachlorocyclopentadiene	0.300	0.253	0.010	-15.6711	40.0
2,4,6-Trichlorophenol	0.386	0.393	0.090	1.7816	25.0
2,4,5-Trichlorophenol	0.398	0.415	0.100	4.1494	25.0
1,1-Biphenyl	1.327	1.425	0.200	7.3207	20.0
2-Chloronaphthalene	1.043	1.091	0.300	4.5879	20.0
2-Nitroaniline	0.329	0.354	0.050	7.745	40.0
Dimethylphthalate	1.323	1.420	0.300	7.3724	20.0
2,6-Dinitrotoluene	0.268	0.278	0.080	3.5393	30.0
Acenaphthylene	1.556	1.713	0.400	10.0598	20.0
3-Nitroaniline	0.246	0.269	0.010	9.3696	40.0
Acenaphthene	1.124	1.223	0.200	8.7766	20.0
2,4-Dinitrophenol	0.138	0.100	0.010	-27.7509	40.0
4-Nitrophenol	0.234	0.212	0.010	-9.4477	40.0
Dibenzofuran	1.613	1.736	0.300	7.6227	20.0

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EPA Sample No.: SSTD020545 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.411	0.442	0.070	7.5444	30.0
Diethylphthalate	1.336	1.427	0.300	6.8076	20.0
Fluorene	1.373	1.462	0.200	6.4521	20.0
4-Chlorophenyl-phenylether	0.819	0.863	0.100	5.3134	20.0
4-Nitroaniline	0.252	0.292	0.010	15.9331	40.0
4,6-Dinitro-2-methylphenol	0.120	0.119	0.010	-0.5942	40.0
N-Nitrosodiphenylamine	0.475	0.501	0.050	5.4095	20.0
1,2,4,5-Tetrachlorobenzene	0.703	0.745	0.100	5.9427	20.0
4-Bromophenyl-phenylether	0.224	0.241	0.070	7.4643	20.0
Hexachlorobenzene	0.235	0.245	0.050	4.2227	25.0
Atrazine	0.229	0.248	0.010	8.0583	25.0
Pentachlorophenol	0.110	0.085	0.010	-22.3194	40.0
Phenanthrene	0.953	1.032	0.200	8.2159	20.0
Pentachlorobenzene	0.287	0.300	0.050	4.5488	20.0
Anthracene	0.974	1.061	0.200	8.9636	20.0
1,2,3,4-Tetrachlorobenzene	0.291	0.299	0.050	2.8699	20.0
Carbazole	0.808	0.899	0.050	11.258	40.0
Di-n-butylphthalate	0.926	1.022	0.500	10.3542	25.0
Fluoranthene	1.109	1.223	0.400	10.2908	25.0
Pyrene	1.188	1.295	0.400	8.9973	25.0
Butylbenzylphthalate	0.385	0.418	0.100	8.4878	40.0
3,3-Dichlorobenzidine	0.430	0.482	0.010	12.2656	40.0
Benzo (a) anthracene	1.293	1.412	0.300	9.2154	30.0
Chrysene	1.209	1.310	0.200	8.369	30.0
Bis(2-ethylhexyl)phthalate	0.560	0.616	0.200	9.9723	40.0
Di-n-octyl phthalate	0.887	0.955	0.010	7.6433	40.0
Benzo (b) fluoranthene	1.201	1.253	0.200	4.3426	25.0
Benzo (k) fluoranthene	1.205	1.271	0.200	5.4585	25.0
Benzo (a) pyrene	1.124	1.165	0.200	3.675	20.0
Indeno (1,2,3-cd) pyrene	1.394	1.451	0.200	4.1267	25.0
Dibenzo (a,h) anthracene	1.140	1.190	0.200	4.4354	30.0
Benzo (g,h,i) perylene	1.057	1.100	0.200	4.0541	30.0
2,3,4,6-Tetrachlorophenol	0.378	0.375	0.040	-0.8648	20.0
1,4-Dioxane-d8	0.507	0.496	0.010	-2.0501	25.0
Pyridine-d5	1.588	1.399	0.010	-11.9288	40.0
Phenol-d5	1.645	1.685	0.010	2.44	25.0
Bis- (2-Chloroethyl) ether-d8	1.055	1.086	0.050	2.9414	25.0
2-Chlorophenol-d4	1.166	1.211	0.200	3.8595	20.0
4-Methylphenol-d8	1.375	1.391	0.010	1.2166	20.0

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Instrument ID: BNA_G Calibration Date/Time: 11/21/2024 : 09:44

Lab File ID: BG063502.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020545 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.153	0.050	6.697	20.0
2-Nitrophenol-d4	0.177	0.180	0.050	1.4281	30.0
2,4-Dichlorophenol-d3	0.339	0.352	0.060	3.9455	20.0
4-Chloroaniline-d4	0.428	0.436	0.010	1.898	40.0
Dimethylphthalate-d6	1.358	1.434	0.300	5.6349	20.0
Acenaphthylene-d8	1.548	1.675	0.400	8.1877	20.0
4-Nitrophenol-d4	0.202	0.188	0.010	-6.6386	40.0
Fluorene-d10	1.234	1.326	0.100	7.5065	20.0
4,6-Dinitro-2-methylphenol-d2	0.112	0.108	0.010	-4.1474	40.0
Anthracene-d10	0.869	0.927	0.300	6.6675	20.0
Pyrene-d10	1.003	1.101	0.300	9.8265	25.0
Benzo(a)pyrene-d12	0.970	1.019	0.010	5.0256	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.: BG112124 SAS No.: BG112124 SDG No.: BG112124

Instrument ID: BNA_G Calibration Date/Time: 11/21/2024 : 17:32

Lab File ID: BG063509.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020546 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.598	0.582	0.010	-2.7922	50.0
Benzaldehyde	0.941	1.222	0.010	29.8088	50.0
Pyridine	1.616	1.579	0.010	-2.2743	50.0
Phenol	1.794	1.914	0.080	6.7188	50.0
Bis(2-Chloroethyl)ether	1.295	1.448	0.100	11.8624	50.0
2-Chlorophenol	1.244	1.353	0.200	8.7626	50.0
2-Methylphenol	1.335	1.425	0.010	6.7754	50.0
2,2-oxybis(1-Chloropropane)	1.897	2.113	0.010	11.404	50.0
Acetophenone	2.171	2.372	0.060	9.2526	50.0
4-Methylphenol	1.464	1.569	0.010	7.205	50.0
N-Nitroso-di-n-propylamine	1.213	1.330	0.050	9.574	50.0
Hexachloroethane	0.537	0.544	0.100	1.2536	50.0
Nitrobenzene	0.441	0.464	0.050	5.3937	50.0
Isophorone	0.805	0.859	0.050	6.7558	50.0
2-Nitrophenol	0.176	0.196	0.050	11.6112	50.0
2,4-Dimethylphenol	0.379	0.405	0.050	6.7957	50.0
Bis(2-Chloroethoxy)methane	0.445	0.469	0.050	5.332	50.0
2,4-Dichlorophenol	0.331	0.349	0.060	5.3323	50.0
Naphthalene	1.022	1.099	0.200	7.4763	50.0
4-Chloroaniline	0.409	0.438	0.010	7.0105	50.0
Hexachlorobutadiene	0.295	0.302	0.040	2.3346	50.0
Caprolactam	0.112	0.112	0.010	0.4174	50.0
4-Chloro-3-methylphenol	0.337	0.367	0.040	9.0713	50.0
1-Methylnaphthalene	0.762	0.811	0.100	6.4094	50.0
2-Methylnaphthalene	0.726	0.780	0.100	7.4343	50.0
Hexachlorocyclopentadiene	0.300	0.256	0.010	-14.6144	50.0
2,4,6-Trichlorophenol	0.386	0.380	0.090	-1.3405	50.0
2,4,5-Trichlorophenol	0.398	0.423	0.100	6.2359	50.0
1,1-Biphenyl	1.327	1.427	0.200	7.5203	50.0
2-Chloronaphthalene	1.043	1.111	0.300	6.5335	50.0
2-Nitroaniline	0.329	0.352	0.050	7.0834	50.0
Dimethylphthalate	1.323	1.381	0.300	4.3793	50.0
2,6-Dinitrotoluene	0.268	0.281	0.080	4.6694	50.0
Acenaphthylene	1.556	1.693	0.400	8.7888	50.0
3-Nitroaniline	0.246	0.272	0.010	10.5947	50.0
Acenaphthene	1.124	1.224	0.200	8.8825	50.0
2,4-Dinitrophenol	0.138	0.096	0.010	-30.5873	50.0
4-Nitrophenol	0.234	0.207	0.010	-11.5955	50.0
Dibenzofuran	1.613	1.735	0.300	7.5862	50.0

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Lab File ID: BG063509.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020546 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.411	0.443	0.070	7.8613	50.0
Diethylphthalate	1.336	1.407	0.300	5.3135	50.0
Fluorene	1.373	1.460	0.200	6.3577	50.0
4-Chlorophenyl-phenylether	0.819	0.861	0.100	5.1444	50.0
4-Nitroaniline	0.252	0.292	0.010	15.9492	50.0
4,6-Dinitro-2-methylphenol	0.120	0.120	0.010	-0.4692	50.0
N-Nitrosodiphenylamine	0.475	0.507	0.050	6.8502	50.0
1,2,4,5-Tetrachlorobenzene	0.703	0.728	0.100	3.6047	50.0
4-Bromophenyl-phenylether	0.224	0.241	0.070	7.7087	50.0
Hexachlorobenzene	0.235	0.252	0.050	7.1441	50.0
Atrazine	0.229	0.239	0.010	4.0558	50.0
Pentachlorophenol	0.110	0.085	0.010	-22.2763	50.0
Phenanthrene	0.953	1.022	0.200	7.1628	50.0
Pentachlorobenzene	0.287	0.306	0.050	6.4453	50.0
Anthracene	0.974	1.054	0.200	8.2392	50.0
1,2,3,4-Tetrachlorobenzene	0.291	0.308	0.050	5.8884	50.0
Carbazole	0.808	0.883	0.050	9.3317	50.0
Di-n-butylphthalate	0.926	1.008	0.500	8.8664	50.0
Fluoranthene	1.109	1.223	0.400	10.3039	50.0
Pyrene	1.188	1.308	0.400	10.1432	50.0
Butylbenzylphthalate	0.385	0.419	0.100	8.7891	50.0
3,3-Dichlorobenzidine	0.430	0.483	0.010	12.4177	50.0
Benzo (a) anthracene	1.293	1.375	0.300	6.3226	50.0
Chrysene	1.209	1.302	0.200	7.71	50.0
Bis(2-ethylhexyl)phthalate	0.560	0.609	0.200	8.6334	50.0
Di-n-octyl phthalate	0.887	0.982	0.010	10.7106	50.0
Benzo (b) fluoranthene	1.201	1.262	0.200	5.1329	50.0
Benzo (k) fluoranthene	1.205	1.314	0.200	9.0223	50.0
Benzo (a) pyrene	1.124	1.198	0.200	6.6391	50.0
Indeno (1,2,3-cd) pyrene	1.394	1.472	0.200	5.6122	50.0
Dibenzo (a,h) anthracene	1.140	1.206	0.200	5.8574	50.0
Benzo (g,h,i) perylene	1.057	1.124	0.200	6.378	50.0
2,3,4,6-Tetrachlorophenol	0.378	0.361	0.040	-4.6565	50.0
1,4-Dioxane-d8	0.507	0.519	0.010	2.4439	50.0
Pyridine-d5	1.588	1.563	0.010	-1.6056	50.0
Phenol-d5	1.645	1.774	0.010	7.8633	50.0
Bis- (2-Chloroethyl) ether-d8	1.055	1.179	0.050	11.7177	50.0
2-Chlorophenol-d4	1.166	1.348	0.200	15.6336	50.0
4-Methylphenol-d8	1.375	1.492	0.010	8.561	50.0

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Lab File ID: BG063509.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020546 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.144	0.164	0.050	14.4323	50.0
2-Nitrophenol-d4	0.177	0.189	0.050	6.4552	50.0
2,4-Dichlorophenol-d3	0.339	0.365	0.060	7.8255	50.0
4-Chloroaniline-d4	0.428	0.460	0.010	7.4771	50.0
Dimethylphthalate-d6	1.358	1.437	0.300	5.8182	50.0
Acenaphthylene-d8	1.548	1.660	0.400	7.202	50.0
4-Nitrophenol-d4	0.202	0.196	0.010	-2.7172	50.0
Fluorene-d10	1.234	1.320	0.100	7.0064	50.0
4,6-Dinitro-2-methylphenol-d2	0.112	0.112	0.010	-0.6926	50.0
Anthracene-d10	0.869	0.931	0.300	7.1457	50.0
Pyrene-d10	1.003	1.116	0.300	11.3652	50.0
Benzo(a)pyrene-d12	0.970	1.036	0.010	6.8425	50.0

All other compounds must meet a minimum RRF of 0.010.

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.:	BG112124
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
BG063503.D	1	11/19/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	2.3	U	2.3	5	10	ug/L
110-86-1	Pyridine	2.2	U	2.2	10	10	ug/L
108-95-2	Phenol	1.5	U	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.3	U	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	1.2	U	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	0.82	U	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.2	U	1.2	5	10	ug/L
98-86-2	Acetophenone	0.89	U	0.89	5	10	ug/L
106-44-5	4-Methylphenol	1.2	U	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.5	U	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	1.5	U	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	0.99	U	0.99	2.5	5	ug/L
78-59-1	Isophorone	1.1	U	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	1.1	U	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.2	U	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	0.93	U	0.93	2.5	5	ug/L
91-20-3	Naphthalene	0.7	U	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.8	U	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	0.98	U	0.98	2.5	5	ug/L
105-60-2	Caprolactam	2.9	U	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	2	U	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	1	U	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.6	U	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	0.81	U	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	0.8	U	0.8	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.:	BG112124
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
BG063503.D	1	11/19/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	0.99	U	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.7	U	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.3	U	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.1	U	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.5	U	1.5	5	10	ug/L
83-32-9	Acenaphthene	1.1	U	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	2.8	U	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	0.87	U	0.87	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	0.87	U	0.87	2.5	5	ug/L
86-73-7	Fluorene	0.87	U	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	0.96	U	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	1.2	U	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.2	U	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	0.71	U	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	0.9	U	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	1.4	U	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	0.56	U	0.56	2.5	5	ug/L
1912-24-9	Atrazine	0.96	U	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	2.5	U	2.5	5	10	ug/L
85-01-8	Phenanthrene	0.97	U	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.2	U	1.2	2.5	5	ug/L
120-12-7	Anthracene	0.72	U	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.92	U	0.92	2.5	5	ug/L
86-74-8	Carbazole	1	U	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	0.81	U	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	0.65	U	0.65	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.:	BG112124
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
BG063503.D	1	11/19/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	0.53	U	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	0.97	U	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.7	U	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	0.56	U	0.56	2.5	5	ug/L
218-01-9	Chrysene	0.75	U	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	0.87	U	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	1.5	U	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.1	U	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.1	U	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	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	1.2	U	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.1	U	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1	U	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.395		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	24.364		20-120		61	SPK: -40
4165-62-2	Phenol-d5	28.923		10-130		72	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.24		25-120		76	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.464		20-130		74	SPK: -40
190780-66-6	4-Methylphenol-d8	28.002		25-125		70	SPK: -40
4165-60-0	Nitrobenzene-d5	29.64		20-125		74	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.633		20-130		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.412		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.556		1-146		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.951		25-130		75	SPK: -40
93951-97-4	Acenaphthylene-d8	28.477		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.372		10-150		61	SPK: -40
81103-79-9	Fluorene-d10	29.601		25-125		74	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.:	BG112124
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
BG063503.D	1	11/19/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.174		10-130		58	SPK: -40
1719-06-8	Anthracene-d10	30.227		25-130		76	SPK: -40
1718-52-1	Pyrene-d10	30.681		15-130		77	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.039		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85975	7.827				
1146-65-2	Naphthalene-d8	364970	10.618				
15067-26-2	Acenaphthene-d10	291345	14.472				
1517-22-2	Phenanthrene-d10	722101	17.228				
1719-03-5	Chrysene-d12	835279	21.482				
1520-96-3	Perylene-d12	907800	24.525				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	U			99	ug/L

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.:	BG112124
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
BG063504.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	27	U	27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	58	U	58	82.5	330	ug/Kg
110-86-1	Pyridine	77	U	77	170	330	ug/Kg
108-95-2	Phenol	30	U	30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	29	U	29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	28	U	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	31	U	31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40	U	40	82.5	330	ug/Kg
98-86-2	Acetophenone	66	U	66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	53	U	53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	79	U	79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	61	U	61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	64	U	64	42.5	170	ug/Kg
78-59-1	Isophorone	66	U	66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	60	U	60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	45	U	45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	38	U	38	42.5	170	ug/Kg
91-20-3	Naphthalene	24	U	24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	36	U	36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	35	U	35	42.5	170	ug/Kg
105-60-2	Caprolactam	64	U	64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	41	U	41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	24	U	24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	32	U	32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	97	U	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	24	U	24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	33	U	33	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.:	BG112124
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
BG063504.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	26	U	26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	45	U	45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	30	U	30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	20	U	20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	29	U	29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	66	U	66	82.5	330	ug/Kg
83-32-9	Acenaphthene	26	U	26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	U	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	27	U	27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	35	U	35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	33	U	33	42.5	170	ug/Kg
86-73-7	Fluorene	27	U	27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	24	U	24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	38	U	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	24	U	24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	34	U	34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	26	U	26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	28	U	28	42.5	170	ug/Kg
1912-24-9	Atrazine	28	U	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	88	U	88	82.5	330	ug/Kg
85-01-8	Phenanthrene	27	U	27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	37	U	37	42.5	170	ug/Kg
120-12-7	Anthracene	25	U	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	17	U	17	42.5	170	ug/Kg
86-74-8	Carbazole	34	U	34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	27	U	27	42.5	170	ug/Kg
206-44-0	Fluoranthene	19	U	19	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.:	BG112124
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
BG063504.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	18	U	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	22	U	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52	U	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	23	U	23	42.5	170	ug/Kg
218-01-9	Chrysene	24	U	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	25	U	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	48	U	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	37	U	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	38	U	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	31	U	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	28	U	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	26	U	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	32	U	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	36	U	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.037		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	26.539		20-120		66	SPK: -40
4165-62-2	Phenol-d5	29.16		10-130		73	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	30.16		10-150		75	SPK: -40
93951-73-6	2-Chlorophenol-d4	29.299		15-120		73	SPK: -40
190780-66-6	4-Methylphenol-d8	28.93		10-140		72	SPK: -40
4165-60-0	Nitrobenzene-d5	30.135		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	28.251		10-120		71	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.046		10-140		68	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.796		1-145		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.641		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	29.214		15-120		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.976		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	30.181		20-140		75	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.:	BG112124
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
BG063504.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	22.069		10-130		55	SPK: -40
1719-06-8	Anthracene-d10	30.315		10-150		76	SPK: -40
1718-52-1	Pyrene-d10	30.259		10-130		76	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	30.44		10-140		76	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	88993	7.828				
1146-65-2	Naphthalene-d8	379704	10.619				
15067-26-2	Acenaphthene-d10	298666	14.474				
1517-22-2	Phenanthrene-d10	735325	17.223				
1719-03-5	Chrysene-d12	839816	21.483				
1520-96-3	Perylene-d12	896247	24.527				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT4-2024-07	SDG No.:	BG112124
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
BG063505.D	1	11/19/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	U	1.2	0.5	2	ug/L
100-52-7	Benzaldehyde	4.8	J	2.3	5	10	ug/L
110-86-1	Pyridine	3.4	J	2.2	10	10	ug/L
108-95-2	Phenol	4.5	J	1.5	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	4.5	J	1.3	5	10	ug/L
95-57-8	2-Chlorophenol	4.5	J	1.2	2.5	5	ug/L
95-48-7	2-Methylphenol	4.3	J	0.82	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.3	J	1.2	5	10	ug/L
98-86-2	Acetophenone	4.4	J	0.89	5	10	ug/L
106-44-5	4-Methylphenol	4.4	J	1.2	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	4.2	J	1.5	2.5	5	ug/L
67-72-1	Hexachloroethane	4.1	J	1.5	2.5	5	ug/L
98-95-3	Nitrobenzene	4.5	J	0.99	2.5	5	ug/L
78-59-1	Isophorone	4.4	J	1.1	2.5	5	ug/L
88-75-5	2-Nitrophenol	4.7	J	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	4.7	J	1.1	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	4.2	J	1.2	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	4.5	J	0.93	2.5	5	ug/L
91-20-3	Naphthalene	4.7	J	0.7	2.5	5	ug/L
106-47-8	4-Chloroaniline	4.3	J	1.8	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	4.7	J	0.98	2.5	5	ug/L
105-60-2	Caprolactam	4.9	J	2.9	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	4.2	J	2	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	4.3	J	1	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	4.7	J	1.6	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5.6	J	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	3.9	J	0.81	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	3.8	J	0.8	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.:	BG112124
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
BG063505.D	1	11/19/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4.4	J	0.99	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4.3	J	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	3.9	J	1.7	2.5	5	ug/L
131-11-3	Dimethylphthalate	4.7	J	1.3	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	4.5	J	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	4.8	J	1.1	2.5	5	ug/L
99-09-2	3-Nitroaniline	4.5	J	1.5	5	10	ug/L
83-32-9	Acenaphthene	4.5	J	1.1	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	3.8	J	2.8	5	10	ug/L
100-02-7	4-Nitrophenol	3.6	J	1.4	5	10	ug/L
132-64-9	Dibenzofuran	4.8	J	0.87	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	4.2	J	1.1	2.5	5	ug/L
84-66-2	Diethylphthalate	4.6	J	0.87	2.5	5	ug/L
86-73-7	Fluorene	4.7	J	0.87	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.6	J	0.96	2.5	5	ug/L
100-01-6	4-Nitroaniline	4.4	J	1.2	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.3	J	1.2	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	4.6	J	0.71	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.4	J	0.9	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.3	J	1.4	2.5	5	ug/L
118-74-1	Hexachlorobenzene	4.5	J	0.56	2.5	5	ug/L
1912-24-9	Atrazine	4.5	J	0.96	5	10	ug/L
87-86-5	Pentachlorophenol	4.8	J	2.5	5	10	ug/L
85-01-8	Phenanthrene	4.6	J	0.97	2.5	5	ug/L
608-93-5	Pentachlorobenzene	3.8	J	1.2	2.5	5	ug/L
120-12-7	Anthracene	4.5	J	0.72	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	3.8	J	0.92	2.5	5	ug/L
86-74-8	Carbazole	4.7	J	1	5	10	ug/L
84-74-2	Di-n-butylphthalate	4.5	J	0.81	2.5	5	ug/L
206-44-0	Fluoranthene	4.8	J	0.65	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.:	BG112124
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
BG063505.D	1	11/19/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4.7	J	0.53	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	4.3	J	0.97	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	4.8	J	1.7	5	10	ug/L
56-55-3	Benzo(a)anthracene	4.7	J	0.56	2.5	5	ug/L
218-01-9	Chrysene	4.8	J	0.75	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.5	J	0.87	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	4.6	J	1.5	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.6	J	1.1	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.6	J	1.1	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	4.2	J	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.4	J	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.3	J	1.2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	4.5	J	1.1	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	3.8	J	1	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.703		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	10.808		20-120		27	SPK: -40
4165-62-2	Phenol-d5	13.299		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.699		25-120		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.71		20-130		34	SPK: -40
190780-66-6	4-Methylphenol-d8	12.415		25-125		31	SPK: -40
4165-60-0	Nitrobenzene-d5	13.503		20-125		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	13.149		20-130		33	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.526		20-120		31	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.06		1-146		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.749		25-130		34	SPK: -40
93951-97-4	Acenaphthylene-d8	13.703		10-130		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	9.886		10-150		25	SPK: -40
81103-79-9	Fluorene-d10	14.165		25-125		35	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.:	BG112124
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
BG063505.D	1	11/19/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.866		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	13.87		25-130		35	SPK: -40
1718-52-1	Pyrene-d10	14.021		15-130		35	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.751		20-130		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	92015	7.83				
1146-65-2	Naphthalene-d8	384191	10.621				
15067-26-2	Acenaphthene-d10	305636	14.475				
1517-22-2	Phenanthrene-d10	768995	17.225				
1719-03-5	Chrysene-d12	849772	21.485				
1520-96-3	Perylene-d12	913385	24.528				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	0.99	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.:	BG112124
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
BG063506.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	35	J	27	6.6	67	ug/Kg
100-52-7	Benzaldehyde	160	J	58	82.5	330	ug/Kg
110-86-1	Pyridine	110	J	77	170	330	ug/Kg
108-95-2	Phenol	140	J	30	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	140	J	29	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	150	J	28	42.5	170	ug/Kg
95-48-7	2-Methylphenol	130	J	31	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	150	J	40	82.5	330	ug/Kg
98-86-2	Acetophenone	140	J	66	82.5	330	ug/Kg
106-44-5	4-Methylphenol	130	J	53	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	150	J	79	42.5	170	ug/Kg
67-72-1	Hexachloroethane	150	J	61	42.5	170	ug/Kg
98-95-3	Nitrobenzene	150	J	64	42.5	170	ug/Kg
78-59-1	Isophorone	140	J	66	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	150	J	60	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	130	J	32	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	150	J	45	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	140	J	38	42.5	170	ug/Kg
91-20-3	Naphthalene	150	J	24	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	140	J	36	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	150	J	35	42.5	170	ug/Kg
105-60-2	Caprolactam	160	J	64	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	J	41	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	130	J	24	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	150	J	32	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	J	97	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	J	24	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	140	J	33	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.:	BG112124
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
BG063506.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	160	J	26	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	150	J	33	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	150	J	45	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	150	J	30	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	J	20	42.5	170	ug/Kg
208-96-8	Acenaphthylene	150	J	29	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	150	J	66	82.5	330	ug/Kg
83-32-9	Acenaphthene	150	J	26	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	130	J	130	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	100	J	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	150	J	27	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	150	J	35	42.5	170	ug/Kg
84-66-2	Diethylphthalate	150	J	33	42.5	170	ug/Kg
86-73-7	Fluorene	150	J	27	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	J	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	160	J	24	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	J	38	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	150	J	24	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	J	34	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	150	J	26	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	150	J	28	42.5	170	ug/Kg
1912-24-9	Atrazine	150	J	28	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	160	J	88	82.5	330	ug/Kg
85-01-8	Phenanthrene	160	J	27	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	130	J	37	42.5	170	ug/Kg
120-12-7	Anthracene	150	J	25	42.5	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	130	J	17	42.5	170	ug/Kg
86-74-8	Carbazole	160	J	34	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	150	J	27	42.5	170	ug/Kg
206-44-0	Fluoranthene	150	J	19	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.:	BG112124
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
BG063506.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	J	18	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	140	J	22	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	J	52	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	23	42.5	170	ug/Kg
218-01-9	Chrysene	160	J	24	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	150	J	25	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	150	J	48	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	37	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	31	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	28	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	150	J	26	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	J	32	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	120	J	36	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.19		15-120		40	SPK: -8
7291-22-7	Pyridine-d5	11.134		20-120		28	SPK: -40
4165-62-2	Phenol-d5	13.079		10-130		33	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.481		10-150		34	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.823		15-120		35	SPK: -40
190780-66-6	4-Methylphenol-d8	12.465		10-140		31	SPK: -40
4165-60-0	Nitrobenzene-d5	12.456		10-135		31	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.565		10-120		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.52		10-140		31	SPK: -40
191656-33-4	4-Chloroaniline-d4	12.692		1-145		32	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.398		10-145		33	SPK: -40
93951-97-4	Acenaphthylene-d8	13.273		15-120		33	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.908		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	14.344		20-140		36	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.:	BG112124
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
BG063506.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.799		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	13.782		10-150		34	SPK: -40
1718-52-1	Pyrene-d10	13.854		10-130		35	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.797		10-140		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89024	7.831				
1146-65-2	Naphthalene-d8	366718	10.616				
15067-26-2	Acenaphthene-d10	285724	14.47				
1517-22-2	Phenanthrene-d10	725599	17.226				
1719-03-5	Chrysene-d12	855248	21.486				
1520-96-3	Perylene-d12	914653	24.529				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	26	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.:	BG112124
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
BG063507.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1000	J	900	190	1900	ug/Kg
100-52-7	Benzaldehyde	4700	J	2000	2400	9600	ug/Kg
110-86-1	Pyridine	3600	J	3400	4800	9600	ug/Kg
108-95-2	Phenol	4100	J	1400	2400	9600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4300	J	1800	2400	9600	ug/Kg
95-57-8	2-Chlorophenol	4100	J	1400	1200	4800	ug/Kg
95-48-7	2-Methylphenol	3800	J	1200	2400	9600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	3900	J	1900	2400	9600	ug/Kg
98-86-2	Acetophenone	3800	J	1400	2400	9600	ug/Kg
106-44-5	4-Methylphenol	4000	J	1400	2400	9600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3900	J	2000	1200	4800	ug/Kg
67-72-1	Hexachloroethane	4300	J	1600	1200	4800	ug/Kg
98-95-3	Nitrobenzene	4400	J	1700	1200	4800	ug/Kg
78-59-1	Isophorone	4100	J	1100	1200	4800	ug/Kg
88-75-5	2-Nitrophenol	4100	J	840	1200	4800	ug/Kg
105-67-9	2,4-Dimethylphenol	4000	J	570	1200	4800	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4200	J	930	1200	4800	ug/Kg
120-83-2	2,4-Dichlorophenol	4100	J	720	1200	4800	ug/Kg
91-20-3	Naphthalene	4500	J	540	1200	4800	ug/Kg
106-47-8	4-Chloroaniline	4000	J	870	1200	9600	ug/Kg
87-68-3	Hexachlorobutadiene	4100	J	1200	1200	4800	ug/Kg
105-60-2	Caprolactam	4600	J	1900	2400	9600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3900	J	1100	1200	4800	ug/Kg
90-12-0	1-Methylnaphthalene	4200	J	600	1200	4800	ug/Kg
91-57-6	2-Methylnaphthalene	4400	J	730	1200	4800	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4800	J	2500	2400	9600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3900	J	1200	1200	4800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4000	J	920	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.:	BG112124
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
BG063507.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4300	J	880	1200	4800	ug/Kg
91-58-7	2-Chloronaphthalene	4500	J	820	1200	4800	ug/Kg
88-74-4	2-Nitroaniline	3800	J	1500	1200	4800	ug/Kg
131-11-3	Dimethylphthalate	4500	J	790	1200	4800	ug/Kg
606-20-2	2,6-Dinitrotoluene	3900	J	1400	1200	4800	ug/Kg
208-96-8	Acenaphthylene	4500	J	840	1200	4800	ug/Kg
99-09-2	3-Nitroaniline	4100	J	1300	2400	9600	ug/Kg
83-32-9	Acenaphthene	4200	J	750	1200	4800	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	J	3500	2400	9600	ug/Kg
100-02-7	4-Nitrophenol	3400	J	1500	2400	9600	ug/Kg
132-64-9	Dibenzofuran	4400	J	750	1200	4800	ug/Kg
121-14-2	2,4-Dinitrotoluene	4200	J	920	1200	4800	ug/Kg
84-66-2	Diethylphthalate	4400	J	1600	1200	4800	ug/Kg
86-73-7	Fluorene	4500	J	1600	1200	4800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4400	J	1200	1200	4800	ug/Kg
100-01-6	4-Nitroaniline	4200	J	1200	2400	9600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3900	J	2400	2400	9600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4200	J	2700	1200	4800	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4200	J	850	1200	4800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4200	J	1800	1200	4800	ug/Kg
118-74-1	Hexachlorobenzene	4400	J	2100	1200	4800	ug/Kg
1912-24-9	Atrazine	4500	J	2000	2400	9600	ug/Kg
87-86-5	Pentachlorophenol	4500	J	3200	2400	9600	ug/Kg
85-01-8	Phenanthrene	4500	J	660	1200	4800	ug/Kg
608-93-5	Pentachlorobenzene	3800	J	2000	1200	4800	ug/Kg
120-12-7	Anthracene	4500	J	550	1200	4800	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	3800	J	2100	1200	4800	ug/Kg
86-74-8	Carbazole	4500	J	910	2400	9600	ug/Kg
84-74-2	Di-n-butylphthalate	4300	J	820	1200	4800	ug/Kg
206-44-0	Fluoranthene	4500	J	580	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.:	BG112124
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
BG063507.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4500	J	600	1200	4800	ug/Kg
85-68-7	Butylbenzylphthalate	4100	J	500	1200	4800	ug/Kg
91-94-1	3,3-Dichlorobenzidine	4600	J	1900	2400	9600	ug/Kg
56-55-3	Benzo(a)anthracene	4600	J	740	1200	4800	ug/Kg
218-01-9	Chrysene	4300	J	630	1200	4800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4300	J	550	1200	4800	ug/Kg
117-84-0	Di-n-octyl phthalate	4200	J	1300	2400	9600	ug/Kg
205-99-2	Benzo(b)fluoranthene	4400	J	930	1200	4800	ug/Kg
207-08-9	Benzo(k)fluoranthene	4500	J	810	1200	4800	ug/Kg
50-32-8	Benzo(a)pyrene	4200	J	950	1200	4800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4200	J	890	1200	4800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4400	J	740	1200	4800	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4200	J	870	1200	4800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3600	J	1700	1200	4800	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.065		15-120		38	SPK: -8
7291-22-7	Pyridine-d5	10.546		20-120		26	SPK: -40
4165-62-2	Phenol-d5	12.96		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	12.925		10-150		32	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.072		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	12.602		10-140		32	SPK: -40
4165-60-0	Nitrobenzene-d5	12.891		10-135		32	SPK: -40
93951-78-1	2-Nitrophenol-d4	11.9		10-120		30	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.495		10-140		31	SPK: -40
191656-33-4	4-Chloroaniline-d4	13.238		1-145		33	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.92		10-145		35	SPK: -40
93951-97-4	Acenaphthylene-d8	13.872		15-120		35	SPK: -40
93951-79-2	4-Nitrophenol-d4	10.89		10-150		27	SPK: -40
81103-79-9	Fluorene-d10	14.197		20-140		35	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.:	BG112124
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
BG063507.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.155		10-130		28	SPK: -40
1719-06-8	Anthracene-d10	13.941		10-150		35	SPK: -40
1718-52-1	Pyrene-d10	13.726		10-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.571		10-140		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	97186	7.826				
1146-65-2	Naphthalene-d8	393677	10.622				
15067-26-2	Acenaphthene-d10	303956	14.471				
1517-22-2	Phenanthrene-d10	758702	17.226				
1719-03-5	Chrysene-d12	864905	21.486				
1520-96-3	Perylene-d12	923978	24.535				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	880	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.:	BG112124
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
BG063508.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	930	U	930	200	2000	ug/Kg
100-52-7	Benzaldehyde	2100	U	2100	2500	9900	ug/Kg
110-86-1	Pyridine	3500	U	3500	4900	9900	ug/Kg
108-95-2	Phenol	1500	U	1500	2500	9900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1900	U	1900	2500	9900	ug/Kg
95-57-8	2-Chlorophenol	1500	U	1500	1300	5000	ug/Kg
95-48-7	2-Methylphenol	1200	U	1200	2500	9900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	U	2000	2500	9900	ug/Kg
98-86-2	Acetophenone	1500	U	1500	2500	9900	ug/Kg
106-44-5	4-Methylphenol	1500	U	1500	2500	9900	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	2100	U	2100	1300	5000	ug/Kg
67-72-1	Hexachloroethane	1700	U	1700	1300	5000	ug/Kg
98-95-3	Nitrobenzene	1800	U	1800	1300	5000	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	860	U	860	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	580	U	580	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	960	U	960	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	740	U	740	1300	5000	ug/Kg
91-20-3	Naphthalene	550	U	550	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	890	U	890	1300	9900	ug/Kg
87-68-3	Hexachlorobutadiene	1200	U	1200	1300	5000	ug/Kg
105-60-2	Caprolactam	2000	U	2000	2500	9900	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100	U	1100	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	610	U	610	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	750	U	750	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600	U	2600	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	950	U	950	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.:	BG112124
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
BG063508.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	900	U	900	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	840	U	840	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	810	U	810	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	1500	U	1500	1300	5000	ug/Kg
208-96-8	Acenaphthylene	860	U	860	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	1300	U	1300	2500	9900	ug/Kg
83-32-9	Acenaphthene	770	U	770	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	3600	U	3600	2500	9900	ug/Kg
100-02-7	4-Nitrophenol	1600	U	1600	2500	9900	ug/Kg
132-64-9	Dibenzofuran	770	U	770	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	950	U	950	1300	5000	ug/Kg
84-66-2	Diethylphthalate	1700	U	1700	1300	5000	ug/Kg
86-73-7	Fluorene	1700	U	1700	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1200	U	1200	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	1200	U	1200	2500	9900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2500	U	2500	2500	9900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	2800	U	2800	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	870	U	870	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1900	U	1900	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	2200	U	2200	1300	5000	ug/Kg
1912-24-9	Atrazine	2100	U	2100	2500	9900	ug/Kg
87-86-5	Pentachlorophenol	3300	U	3300	2500	9900	ug/Kg
85-01-8	Phenanthrene	680	U	680	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	2100	U	2100	1300	5000	ug/Kg
120-12-7	Anthracene	560	U	560	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	2200	U	2200	1300	5000	ug/Kg
86-74-8	Carbazole	940	U	940	2500	9900	ug/Kg
84-74-2	Di-n-butylphthalate	840	U	840	1300	5000	ug/Kg
206-44-0	Fluoranthene	590	U	590	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.:	BG112124
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
BG063508.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	610	U	610	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	510	U	510	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	2000	U	2000	2500	9900	ug/Kg
56-55-3	Benzo(a)anthracene	760	U	760	1300	5000	ug/Kg
218-01-9	Chrysene	640	U	640	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	560	U	560	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	1300	U	1300	2500	9900	ug/Kg
205-99-2	Benzo(b)fluoranthene	960	U	960	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	830	U	830	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	980	U	980	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	920	U	920	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	760	U	760	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	890	U	890	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1800	U	1800	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.702		15-120		84	SPK: -8
7291-22-7	Pyridine-d5	33.668		20-120		84	SPK: -40
4165-62-2	Phenol-d5	38.654		10-130		97	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.559		10-150		99	SPK: -40
93951-73-6	2-Chlorophenol-d4	39.757		15-120		99	SPK: -40
190780-66-6	4-Methylphenol-d8	36.424		10-140		91	SPK: -40
4165-60-0	Nitrobenzene-d5	36.669		10-135		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.517		10-120		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	34.46		10-140		86	SPK: -40
191656-33-4	4-Chloroaniline-d4	34.02		1-145		85	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.74		10-145		99	SPK: -40
93951-97-4	Acenaphthylene-d8	38.336		15-120		96	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.702		10-150		77	SPK: -40
81103-79-9	Fluorene-d10	39.886		20-140		100	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.:	BG112124
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
BG063508.D	1	11/20/2024 12:00:00 AM	11/21/2024 12:00:00 AM	PB165141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.226		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	39.926		10-150		100	SPK: -40
1718-52-1	Pyrene-d10	39.627		10-130		99	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.5		10-140		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76778	7.83				
1146-65-2	Naphthalene-d8	336757	10.621				
15067-26-2	Acenaphthene-d10	256060	14.475				
1517-22-2	Phenanthrene-d10	631410	17.225				
1719-03-5	Chrysene-d12	721032	21.485				
1520-96-3	Perylene-d12	785840	24.528				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	900	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG112124

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	0.99	5	ug/L
		Total Tics :			0.00		
P4776-01	MDL-WATER-QT4-2024 Water	1,1-Biphenyl	4.400	J	0.99	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	1,2,3,4-Tetrachlorobenzene	3.800	J	0.92	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	1,2,4,5-Tetrachlorobenzene	4.400	J	0.9	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	1-Methylnaphthalene	4.300	J	1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,2-oxybis(1-Chloropropane)	4.300	J	1.2	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,3,4,6-Tetrachlorophenol	3.800	J	1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,4,5-Trichlorophenol	3.800	J	0.8	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,4,6-Trichlorophenol	3.900	J	0.81	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,4-Dichlorophenol	4.500	J	0.93	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,4-Dimethylphenol	4.700	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,4-Dinitrophenol	3.800	J	2.8	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,4-Dinitrotoluene	4.200	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,6-Dinitrotoluene	4.500	J	1.3	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2-Chloronaphthalene	4.300	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2-Chlorophenol	4.500	J	1.2	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2-Methylnaphthalene	4.700	J	1.6	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2-Methylphenol	4.300	J	0.82	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2-Nitroaniline	3.900	J	1.7	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2-Nitrophenol	4.700	J	1.2	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	3,3-Dichlorobenzidine	4.800	J	1.7	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	3-Nitroaniline	4.500	J	1.5	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4,6-Dinitro-2-methylphenol	4.300	J	1.2	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4-Bromophenyl-phenylether	4.300	J	1.4	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4-Chloro-3-methylphenol	4.200	J	2	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4-Chloroaniline	4.300	J	1.8	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4-Chlorophenyl-phenylether	4.600	J	0.96	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4-Methylphenol	4.400	J	1.2	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4-Nitroaniline	4.400	J	1.2	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4-Nitrophenol	3.600	J	1.4	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Acenaphthene	4.500	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Acenaphthylene	4.800	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Acetophenone	4.400	J	0.89	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Anthracene	4.500	J	0.72	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Atrazine	4.500	J	0.96	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Benzaldehyde	4.800	J	2.3	10	ug/L

Hit Summary Sheet SW-846

SDG No.: BG112124

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4776-01	MDL-WATER-QT4-2024 Water	Benzo(a)anthracene	4.700	J	0.56	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Benzo(a)pyrene	4.200	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Benzo(b)fluoranthene	4.600	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Benzo(g,h,i)perylene	4.500	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Benzo(k)fluoranthene	4.600	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Bis(2-Chloroethoxy)methane	4.200	J	1.2	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Bis(2-Chloroethyl)ether	4.500	J	1.3	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Bis(2-ethylhexyl)phthalate	4.500	J	0.87	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Butylbenzylphthalate	4.300	J	0.97	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Caprolactam	4.900	J	2.9	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Carbazole	4.700	J	1	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Chrysene	4.800	J	0.75	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Di-n-butylphthalate	4.500	J	0.81	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Di-n-octyl phthalate	4.600	J	1.5	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Dibenzo(a,h)anthracene	4.300	J	1.2	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Dibenzofuran	4.800	J	0.87	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Diethylphthalate	4.600	J	0.87	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Dimethylphthalate	4.700	J	1.3	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Fluoranthene	4.800	J	0.65	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Fluorene	4.700	J	0.87	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Hexachlorobenzene	4.500	J	0.56	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Hexachlorobutadiene	4.700	J	0.98	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Hexachlorocyclopentadiene	5.600	J	3.1	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Hexachloroethane	4.100	J	1.5	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Indeno(1,2,3-cd)pyrene	4.400	J	1.4	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Isophorone	4.400	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	N-Nitroso-di-n-propylamine	4.200	J	1.5	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	N-Nitrosodiphenylamine	4.600	J	0.71	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Naphthalene	4.700	J	0.7	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Nitrobenzene	4.500	J	0.99	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Pentachlorobenzene	3.800	J	1.2	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Pentachlorophenol	4.800	J	2.5	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Phenanthrene	4.600	J	0.97	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Phenol	4.500	J	1.5	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Pyrene	4.700	J	0.53	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Pyridine	3.400	J	2.2	10	ug/L

Total Svoc :

314.70

Total Concentration:

314.70

Client ID : MDL-SOIL-QT4-2024-07

P4776-03	MDL-SOIL-QT4-2024-0' Solid	Total Alkanes	*	0.000	26	170	ug/Kg
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Hit Summary Sheet
SW-846

SDG No.: BG112124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
			Total Tics :	0.00				
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	1,1-Biphenyl	160.000	J	26	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	1,2,3,4-Tetrachlorobenzene	130.000	J	17	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	1,2,4,5-Tetrachlorobenzene	150.000	J	34	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	1,4-Dioxane	35.000	J	27	67	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	1-Methylnaphthalene	130.000	J	24	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,2-oxybis(1-Chloropropane)	150.000	J	40	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,3,4,6-Tetrachlorophenol	120.000	J	36	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,4,5-Trichlorophenol	140.000	J	33	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,4,6-Trichlorophenol	130.000	J	24	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,4-Dichlorophenol	140.000	J	38	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,4-Dimethylphenol	130.000	J	32	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,4-Dinitrophenol	130.000	J	130	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,4-Dinitrotoluene	150.000	J	35	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,6-Dinitrotoluene	150.000	J	20	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2-Chloronaphthalene	150.000	J	33	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2-Chlorophenol	150.000	J	28	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2-Methylnaphthalene	150.000	J	32	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2-Methylphenol	130.000	J	31	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2-Nitroaniline	150.000	J	45	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2-Nitrophenol	150.000	J	60	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	3,3-Dichlorobenzidine	160.000	J	52	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	3-Nitroaniline	150.000	J	66	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4,6-Dinitro-2-methylphenol	130.000	J	38	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4-Bromophenyl-phenylether	150.000	J	26	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4-Chloro-3-methylphenol	130.000	J	41	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4-Chloroaniline	140.000	J	36	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4-Chlorophenyl-phenylether	150.000	J	20	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4-Methylphenol	130.000	J	53	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4-Nitroaniline	160.000	J	24	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4-Nitrophenol	100.000	J	44	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Acenaphthene	150.000	J	26	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Acenaphthylene	150.000	J	29	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Acetophenone	140.000	J	66	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Anthracene	150.000	J	25	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Atrazine	150.000	J	28	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Benzaldehyde	160.000	J	58	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Benzo(a)anthracene	150.000	J	23	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Benzo(a)pyrene	150.000	J	31	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Benzo(b)fluoranthene	160.000	J	37	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG112124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Benzo(g,h,i)perylene	150.000	J	32	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Benzo(k)fluoranthene	150.000	J	38	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Bis(2-Chloroethoxy)methane	150.000	J	45	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Bis(2-Chloroethyl)ether	140.000	J	29	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Bis(2-ethylhexyl)phthalate	150.000	J	25	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Butylbenzylphthalate	140.000	J	22	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Caprolactam	160.000	J	64	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Carbazole	160.000	J	34	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Chrysene	160.000	J	24	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Di-n-butylphthalate	150.000	J	27	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Di-n-octyl phthalate	150.000	J	48	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Dibenzo(a,h)anthracene	150.000	J	26	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Dibenzofuran	150.000	J	27	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Diethylphthalate	150.000	J	33	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Dimethylphthalate	150.000	J	30	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Fluoranthene	150.000	J	19	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Fluorene	150.000	J	27	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Hexachlorobenzene	150.000	J	28	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Hexachlorobutadiene	150.000	J	35	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Hexachlorocyclopentadiene	170.000	J	97	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Hexachloroethane	150.000	J	61	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Indeno(1,2,3-cd)pyrene	150.000	J	28	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Isophorone	140.000	J	66	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	N-Nitroso-di-n-propylamine	150.000	J	79	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	N-Nitrosodiphenylamine	150.000	J	24	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Naphthalene	150.000	J	24	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Nitrobenzene	150.000	J	64	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Pentachlorobenzene	130.000	J	37	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Pentachlorophenol	160.000	J	88	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Phenanthrene	160.000	J	27	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Phenol	140.000	J	30	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Pyrene	150.000	J	18	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Pyridine	110.000	J	77	330	ug/Kg
Total Svoc :				10,405.00				
Total Concentration:				10,405.00				
Client ID :	MDL-MED-SOIL-QT4-2024-07							
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Total Alkanes	*	0.000	880	4800	ug/Kg
Total Tics :				0.00				
P4776-05	MDL-MED-SOIL-QT4-2	Solid	1,1-Biphenyl	4,300.000	J	880	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	1,2,3,4-Tetrachlorobenzene	3,800.000	J	2100	4800	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG112124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-05	MDL-MED-SOIL-QT4-2	Solid	1,2,4,5-Tetrachlorobenzene	4,200.000	J	850	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	1,4-Dioxane	1,000.000	J	900	1900	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	1-Methylnaphthalene	4,200.000	J	600	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,2-oxybis(1-Chloropropane)	3,900.000	J	1900	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,3,4,6-Tetrachlorophenol	3,600.000	J	1700	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,4,5-Trichlorophenol	4,000.000	J	920	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,4,6-Trichlorophenol	3,900.000	J	1200	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,4-Dichlorophenol	4,100.000	J	720	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,4-Dimethylphenol	4,000.000	J	570	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,4-Dinitrophenol	3,500.000	J	3500	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,4-Dinitrotoluene	4,200.000	J	920	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,6-Dinitrotoluene	3,900.000	J	1400	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2-Chloronaphthalene	4,500.000	J	820	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2-Chlorophenol	4,100.000	J	1400	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2-Methylnaphthalene	4,400.000	J	730	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2-Methylphenol	3,800.000	J	1200	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2-Nitroaniline	3,800.000	J	1500	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2-Nitrophenol	4,100.000	J	840	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	3,3-Dichlorobenzidine	4,600.000	J	1900	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	3-Nitroaniline	4,100.000	J	1300	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4,6-Dinitro-2-methylphenol	3,900.000	J	2400	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4-Bromophenyl-phenylether	4,200.000	J	1800	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4-Chloro-3-methylphenol	3,900.000	J	1100	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4-Chloroaniline	4,000.000	J	870	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4-Chlorophenyl-phenylether	4,400.000	J	1200	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4-Methylphenol	4,000.000	J	1400	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4-Nitroaniline	4,200.000	J	1200	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4-Nitrophenol	3,400.000	J	1500	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Acenaphthene	4,200.000	J	750	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Acenaphthylene	4,500.000	J	840	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Acetophenone	3,800.000	J	1400	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Anthracene	4,500.000	J	550	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Atrazine	4,500.000	J	2000	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Benzaldehyde	4,700.000	J	2000	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Benzo(a)anthracene	4,600.000	J	740	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Benzo(a)pyrene	4,200.000	J	950	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Benzo(b)fluoranthene	4,400.000	J	930	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Benzo(g,h,i)perylene	4,200.000	J	870	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Benzo(k)fluoranthene	4,500.000	J	810	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Bis(2-Chloroethoxy)methane	4,200.000	J	930	4800	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BG112124

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Bis(2-Chloroethyl)ether	4,300.000	J	1800	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Bis(2-ethylhexyl)phthalate	4,300.000	J	550	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Butylbenzylphthalate	4,100.000	J	500	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Caprolactam	4,600.000	J	1900	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Carbazole	4,500.000	J	910	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Chrysene	4,300.000	J	630	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Di-n-butylphthalate	4,300.000	J	820	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Di-n-octyl phthalate	4,200.000	J	1300	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Dibenzo(a,h)anthracene	4,400.000	J	740	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Dibenzofuran	4,400.000	J	750	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Diethylphthalate	4,400.000	J	1600	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Dimethylphthalate	4,500.000	J	790	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Fluoranthene	4,500.000	J	580	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Fluorene	4,500.000	J	1600	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Hexachlorobenzene	4,400.000	J	2100	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Hexachlorobutadiene	4,100.000	J	1200	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Hexachlorocyclopentadiene	4,800.000	J	2500	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Hexachloroethane	4,300.000	J	1600	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Indeno(1,2,3-cd)pyrene	4,200.000	J	890	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Isophorone	4,100.000	J	1100	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	N-Nitroso-di-n-propylamine	3,900.000	J	2000	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	N-Nitrosodiphenylamine	4,200.000	J	2700	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Naphthalene	4,500.000	J	540	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Nitrobenzene	4,400.000	J	1700	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Pentachlorobenzene	3,800.000	J	2000	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Pentachlorophenol	4,500.000	J	3200	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Phenanthrene	4,500.000	J	660	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Phenol	4,100.000	J	1400	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Pyrene	4,500.000	J	600	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Pyridine	3,600.000	J	3400	9600	ug/Kg
Total Svoc :				299,500.00				
Total Concentration:				299,500.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG112024SAS No.: BG112024SDG No.: BG112024

Instrument ID: _____

Calibration Date(s): 11/20/2024Calibration Time(s): 10:20

LAB FILE ID:		RRFAL1 = BG063479.D			RRFAL2 = BG063480.D		RRFAL3 = BG063481.D	
		RRFAL4 = BG063482.D			RRFAL5 = BG063483.D		RRFAL6 = BG063484.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.553	0.693	0.641	0.574	0.531		0.598	11.2
Benzaldehyde		1.157	1.188	1.056	0.726	0.580	0.941	29.0
Pyridine		1.562	1.718	1.639	1.583	1.578	1.616	4.0
Hexachloroethane	0.513	0.512	0.580	0.562	0.521		0.537	5.8
Nitrobenzene	0.386	0.430	0.480	0.455	0.452		0.441	8.0
Isophorone	0.738	0.791	0.867	0.816	0.810		0.805	5.8
2-Nitrophenol	0.158	0.164	0.191	0.183	0.184		0.176	7.8
2,4-Dimethylphenol	0.356	0.370	0.415	0.378	0.378		0.379	5.8
Bis(2-Chloroethoxy)methane	0.418	0.446	0.484	0.439	0.440		0.445	5.4
2,4-Dichlorophenol	0.303	0.316	0.363	0.339	0.334		0.331	7.0
Naphthalene	0.952	1.009	1.119	1.031	1.000		1.022	6.0
4-Chloroaniline		0.396	0.441	0.407	0.404	0.398	0.409	4.5
Hexachlorobutadiene	0.284	0.292	0.303	0.298	0.298		0.295	2.4
Phenol		1.744	1.898	1.800	1.771	1.755	1.794	3.5
Caprolactam		0.111	0.118	0.113	0.106	0.110	0.112	3.8
4-Chloro-3-methylphenol	0.301	0.316	0.367	0.346	0.354		0.337	8.1
1-Methylnaphthalene	0.746	0.758	0.818	0.754	0.734		0.762	4.3
2-Methylnaphthalene	0.671	0.709	0.789	0.738	0.722		0.726	6.0
Hexachlorocyclopentadiene		0.184	0.285	0.298	0.349	0.382	0.300	25.2
2,4,6-Trichlorophenol	0.366	0.369	0.408	0.389	0.397		0.386	4.6
2,4,5-Trichlorophenol	0.347	0.385	0.442	0.403	0.413		0.398	8.9
1,1-Biphenyl	1.243	1.297	1.464	1.331	1.301		1.327	6.2
2-Chloronaphthalene	0.998	1.028	1.145	1.025	1.018		1.043	5.6
2-Nitroaniline	0.262	0.294	0.376	0.356	0.356		0.329	14.7
Bis(2-Chloroethyl)ether		1.273	1.408	1.294	1.266	1.232	1.295	5.2
Dimethylphthalate	1.267	1.326	1.440	1.315	1.267		1.323	5.4
2,6-Dinitrotoluene	0.228	0.262	0.299	0.277	0.275		0.268	9.7
Acenaphthylene	1.460	1.514	1.735	1.563	1.510		1.556	6.8
3-Nitroaniline		0.260	0.274	0.244	0.229	0.223	0.246	8.7
Acenaphthene	1.089	1.106	1.235	1.103	1.088		1.124	5.6
2,4-Dinitrophenol		0.082	0.114	0.134	0.168	0.191	0.138	31.3
4-Nitrophenol		0.182	0.263	0.229	0.237	0.261	0.234	13.9
Dibenzofuran	1.512	1.598	1.770	1.621	1.563		1.613	6.0
2,4-Dinitrotoluene	0.354	0.403	0.460	0.423	0.412		0.411	9.3
Diethylphthalate	1.272	1.322	1.477	1.322	1.288		1.336	6.1
2-Chlorophenol	1.237	1.193	1.316	1.252	1.223		1.244	3.7

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.: BG112024 SAS No.: BG112024 SDG No.: BG112024

Instrument ID: _____ Calibration Date(s): 11/20/2024

Calibration Time(s): 10:20

LAB FILE ID:		RRFAL1 = BG063479.D		RRFAL2 = BG063480.D		RRFAL3 = BG063481.D		
		RRFAL4 = BG063482.D		RRFAL5 = BG063483.D		RRFAL6 = BG063484.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.346	1.372	1.487	1.359	1.301		1.373	5.0
4-Chlorophenyl-phenylether	0.796	0.792	0.884	0.825	0.800		0.819	4.6
4-Nitroaniline		0.259	0.308	0.255	0.223	0.214	0.252	14.8
4,6-Dinitro-2-methylphenol		0.100	0.124	0.123	0.124	0.130	0.120	9.8
N-Nitrosodiphenylamine	0.442	0.463	0.534	0.477	0.458		0.475	7.4
1,2,4,5-Tetrachlorobenzene	0.665	0.683	0.750	0.713	0.704		0.703	4.6
4-Bromophenyl-phenylether	0.202	0.210	0.249	0.232	0.226		0.224	8.2
Hexachlorobenzene	0.222	0.224	0.257	0.237	0.234		0.235	5.9
Atrazine		0.215	0.253	0.233	0.224	0.221	0.229	6.5
Pentachlorophenol		0.075	0.114	0.109	0.119	0.132	0.110	19.2
2-Methylphenol		1.255	1.388	1.380	1.332	1.317	1.335	4.0
Phenanthrene	0.920	0.942	1.058	0.960	0.887		0.953	6.8
Pentachlorobenzene	0.259	0.275	0.321	0.298	0.285		0.287	8.2
Anthracene	0.951	0.959	1.081	0.979	0.898		0.974	6.9
1,2,3,4-Tetrachlorobenzene	0.267	0.275	0.317	0.302	0.294		0.291	7.0
Carbazole		0.810	0.936	0.824	0.772	0.698	0.808	10.7
Di-n-butylphthalate	0.867	0.902	1.068	0.935	0.858		0.926	9.2
Fluoranthene	1.045	1.101	1.262	1.122	1.013		1.109	8.7
Pyrene	1.146	1.161	1.392	1.197	1.042		1.188	10.8
Butylbenzylphthalate	0.355	0.367	0.432	0.399	0.375		0.385	7.9
3,3-Dichlorobenzidine		0.453	0.497	0.441	0.400	0.358	0.430	12.3
2,2-oxybis (1-Chloropropane)		1.885	2.057	1.939	1.824	1.779	1.897	5.7
Benzo (a) anthracene	1.261	1.293	1.449	1.294	1.170		1.293	7.8
Chrysene	1.179	1.212	1.361	1.206	1.087		1.209	8.2
Bis (2-ethylhexyl) phthalate	0.524	0.544	0.628	0.570	0.536		0.560	7.4
Di-n-octyl phthalate		0.873	1.015	0.924	0.883	0.742	0.887	11.2
Benzo (b) fluoranthene	1.091	1.175	1.309	1.239	1.189		1.201	6.7
Benzo (k) fluoranthene	1.134	1.144	1.397	1.199	1.151		1.205	9.2
Benzo (a) pyrene	1.063	1.090	1.244	1.130	1.092		1.124	6.4
Indeno (1,2,3-cd) pyrene	1.267	1.358	1.547	1.418	1.380		1.394	7.3
Dibenzo (a,h) anthracene	1.044	1.111	1.273	1.152	1.118		1.140	7.4
Benzo (g,h,i) perylene	0.965	1.038	1.173	1.067	1.042		1.057	7.1
Acetophenone		2.115	2.324	2.265	2.111	2.041	2.171	5.5
2,3,4,6-Tetrachlorophenol	0.331	0.347	0.420	0.393	0.400		0.378	9.9
1,4-Dioxane-d8	0.451	0.550	0.516	0.523	0.494		0.507	7.3
Pyridine-d5		1.554	1.671	1.618	1.557	1.541	1.588	3.5

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.: BG112024 SAS No.: BG112024 SDG No.: BG112024
Instrument ID: _____ Calibration Date(s): 11/20/2024 _____
Calibration Time(s): 10:20 _____

LAB FILE ID:		RRF _{FAL1} = BG063479.D			RRF _{FAL2} = BG063480.D		RRF _{FAL3} = BG063481.D	
		RRF _{FAL4} = BG063482.D			RRF _{FAL5} = BG063483.D		RRF _{FAL6} = BG063484.D	
COMPOUND	RRF _{FAL1}	RRF _{FAL2}	RRF _{FAL3}	RRF _{FAL4}	RRF _{FAL5}	RRF _{FAL6}	RRF	% RSD
Phenol-d5		1.493	1.779	1.705	1.621	1.627	1.645	6.5
Bis-(2-Chloroethyl)ether-d8		0.998	1.129	1.081	1.043	1.025	1.055	4.8
2-Chlorophenol-d4	1.047	1.183	1.241	1.192	1.166		1.166	6.2
4-Methylphenol-d8		1.278	1.453	1.437	1.360	1.346	1.375	5.2
Nitrobenzene-d5	0.121	0.140	0.160	0.146	0.152		0.144	10.3
2-Nitrophenol-d4	0.162	0.169	0.191	0.182	0.184		0.177	6.7
2,4-Dichlorophenol-d3	0.293	0.329	0.374	0.348	0.350		0.339	9.0
4-Chloroaniline-d4		0.394	0.470	0.426	0.430	0.422	0.428	6.3
4-Methylphenol		1.397	1.607	1.480	1.428	1.406	1.464	5.9
Dimethylphthalate-d6	1.250	1.330	1.502	1.365	1.341		1.358	6.7
Acenaphthylene-d8	1.475	1.520	1.687	1.558	1.501		1.548	5.4
4-Nitrophenol-d4		0.171	0.212	0.198	0.210	0.218	0.202	9.3
Fluorene-d10	1.202	1.192	1.330	1.234	1.211		1.234	4.5
4,6-Dinitro-2-methylphenol		0.088	0.116	0.115	0.120	0.124	0.112	12.8
Anthracene-d10	0.831	0.842	0.969	0.879	0.824		0.869	6.9
Pyrene-d10	0.940	0.988	1.135	1.015	0.935		1.003	8.1
Benzo(a)pyrene-d12	0.899	0.920	1.069	0.998	0.965		0.970	7.0
N-Nitroso-di-n-propylamine	1.067	1.218	1.313	1.263	1.206		1.213	7.6

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.: BG112124 SAS No.: BG112124 SDG NO.: BG112124

EPA Sample No.: SSTD020419 Date Analyzed: Nov 21 2024 12:00AM

Lab File ID: BG063481.D Time Analyzed: 10:28

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	102084	7.833	423472	10.62	332670	14.47
UPPER LIMIT	204168	8.333	846944	11.118	665340	14.972
LOWER LIMIT	51042	7.333	211736	10.118	166335	13.972
EPA SAMPLE NO.						
01 SBLK114	85975	7.83	364970	10.62	291345	14.47
02 SBLK140	88993	7.83	379704	10.62	298666	14.47
03 MDL-WATER-QT4-2024-07	92015	7.83	384191	10.62	305636	14.48
04 MDL-SOIL-QT4-2024-07	89024	7.83	366718	10.62	285724	14.47
05 MDL-MED-SOIL-QT4-2024-07	97186	7.83	393677	10.62	303956	14.47
06 SBLK141	76778	7.83	336757	10.62	256060	14.48

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.: BG112124 SAS No.: BG112124 SDG NO.: BG112124

EPA Sample No.: SSTD020545 Date Analyzed: Nov 21 2024 12:00AM

Lab File ID: BG063502.D Time Analyzed: 10:28

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	100370	7.831	409159	10.62	308994	14.47
UPPER LIMIT	200740	8.331	818318	11.116	617988	14.97
LOWER LIMIT	50185	7.331	204579.5	10.116	154497	13.97
EPA SAMPLE NO.						
01 SBLK114	85975	7.83	364970	10.62	291345	14.47
02 SBLK140	88993	7.83	379704	10.62	298666	14.47
03 MDL-WATER-QT4-2024-07	92015	7.83	384191	10.62	305636	14.48
04 MDL-SOIL-QT4-2024-07	89024	7.83	366718	10.62	285724	14.47
05 MDL-MED-SOIL-QT4-2024-07	97186	7.83	393677	10.62	303956	14.47
06 SBLK141	76778	7.83	336757	10.62	256060	14.48

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.: BG112124 SAS No.: BG112124 SDG NO.: BG112124

EPA Sample No.: SSTD020419 Date Analyzed: Nov 21 2024 12:00AM

Lab File ID: BG063481.D Time Analyzed: 10:28

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	798503	17.228	871478	21.482	939052	24.525
UPPER LIMIT	1597006	17.728	1742956	21.982	1878104	25.025
LOWER LIMIT	399251.5	16.728	435739	20.982	469526	24.025
EPA SAMPLE NO.						
01 SBLK114	722101	17.23	835279	21.48	907800	24.53
02 SBLK140	735325	17.22	839816	21.48	896247	24.53
03 MDL-WATER-QT4-2024-07	768995	17.23	849772	21.49	913385	24.53
04 MDL-SOIL-QT4-2024-07	725599	17.23	855248	21.49	914653	24.53
05 MDL-MED-SOIL-QT4-2024-07	758702	17.23	864905	21.49	923978	24.54
06 SBLK141	631410	17.23	721032	21.49	785840	24.53

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.: BG112124 SAS No.: BG112124 SDG NO.: BG112124

EPA Sample No.: SSTD020545 Date Analyzed: Nov 21 2024 12:00AM

Lab File ID: BG063502.D Time Analyzed: 10:28

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	740961	17.226	806235	21.486	901945	24.523
UPPER LIMIT	1481922	17.726	1612470	21.986	1803890	25.023
LOWER LIMIT	370480.5	16.726	403117.5	20.986	450972.5	24.023
EPA SAMPLE NO.						
01 SBLK114	722101	17.23	835279	21.48	907800	24.53
02 SBLK140	735325	17.22	839816	21.48	896247	24.53
03 MDL-WATER-QT4-2024-07	768995	17.23	849772	21.49	913385	24.53
04 MDL-SOIL-QT4-2024-07	725599	17.23	855248	21.49	914653	24.53
05 MDL-MED-SOIL-QT4-2024-07	758702	17.23	864905	21.49	923978	24.54
06 SBLK141	631410	17.23	721032	21.49	785840	24.53

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.: BG112124

SAS No.: BG112124 SDG NO.: BG112124

Lab File ID: BG063503.D

Lab Sample ID: PB165114BL

Instrument ID: BNA_G

Date Extracted: 11/19/2024

Matrix: (soil/water) Water

Date Analyzed: 11/21/2024

Level: (low/med) LOW

Time Analyzed: 10:28

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	BG063505.D	11/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK140

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG112124

SAS No.: BG112124 SDG NO.: BG112124

Lab File ID: BG063504.D

Lab Sample ID: PB165140BL

Instrument ID: BNA_G

Date Extracted: 11/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/21/2024

Level: (low/med) LOW

Time Analyzed: 11:06

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	BG063506.D	11/21/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK141

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BG112124

SAS No.: BG112124 SDG NO.: BG112124

Lab File ID: BG063508.D

Lab Sample ID: PB165141BL

Instrument ID: BNA_G

Date Extracted: 11/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/21/2024

Level: (low/med) MED

Time Analyzed: 16:52

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	BG063507.D	11/21/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BG112124

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-QT4BG063505.D		1,4-Dioxane-d8	8	2.70	34		15	120
			Pyridine-d5	40	10.81	27		20	120
			Phenol-d5	40	13.30	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.70	34		25	120
			2-Chlorophenol-d4	40	13.71	34		20	130
			4-Methylphenol-d8	40	12.42	31		25	125
			Nitrobenzene-d5	40	13.50	34		20	125
			2-Nitrophenol-d4	40	13.15	33		20	130
			2,4-Dichlorophenol-d3	40	12.53	31		20	120
			4-Chloroaniline-d4	40	13.06	33		1	146
			Dimethylphthalate-d6	40	13.75	34		25	130
			Acenaphthylene-d8	40	13.70	34		10	130
			4-Nitrophenol-d4	40	9.89	25		10	150
			Fluorene-d10	40	14.17	35		25	125
			4,6-Dinitro-2-methylphenol-d2	40	10.87	27		10	130
			Anthracene-d10	40	13.87	35		25	130
			Pyrene-d10	40	14.02	35		15	130
			Benzo(a)pyrene-d12	40	13.75	34		20	130
PB165114BL	PB165114BL	BG063503.D	1,4-Dioxane-d8	8	5.40	67		15	120
			Pyridine-d5	40	24.36	61		20	120
			Phenol-d5	40	28.92	72		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.24	76		25	120
			2-Chlorophenol-d4	40	29.46	74		20	130
			4-Methylphenol-d8	40	28.00	70		25	125
			Nitrobenzene-d5	40	29.64	74		20	125
			2-Nitrophenol-d4	40	27.63	69		20	130
			2,4-Dichlorophenol-d3	40	26.41	66		20	120
			4-Chloroaniline-d4	40	28.56	71		1	146
			Dimethylphthalate-d6	40	29.95	75		25	130
			Acenaphthylene-d8	40	28.48	71		10	130
			4-Nitrophenol-d4	40	24.37	61		10	150
			Fluorene-d10	40	29.60	74		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.17	58		10	130
			Anthracene-d10	40	30.23	76		25	130
			Pyrene-d10	40	30.68	77		15	130
			Benzo(a)pyrene-d12	40	30.04	75		20	130

Surrogate Summary

SW-846

SDG No.: BG112124

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(BG063506.D		1,4-Dioxane-d8	8	3.19	40		15	120
			Pyridine-d5	40	11.13	28		20	120
			Phenol-d5	40	13.08	33		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.48	34		10	150
			2-Chlorophenol-d4	40	13.82	35		15	120
			4-Methylphenol-d8	40	12.47	31		10	140
			Nitrobenzene-d5	40	12.46	31		10	135
			2-Nitrophenol-d4	40	12.57	31		10	120
			2,4-Dichlorophenol-d3	40	12.52	31		10	140
			4-Chloroaniline-d4	40	12.69	32		1	145
			Dimethylphthalate-d6	40	13.40	33		10	145
			Acenaphthylene-d8	40	13.27	33		15	120
			4-Nitrophenol-d4	40	10.91	27		10	150
			Fluorene-d10	40	14.34	36		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.80	29		10	130
			Anthracene-d10	40	13.78	34		10	150
			Pyrene-d10	40	13.85	35		10	130
			Benzo(a)pyrene-d12	40	13.80	34		10	140
PB165140BL	PB165140BL	BG063504.D	Pyridine-d5	40	26.54	66		20	120
			1,4-Dioxane-d8	8	6.04	75		15	120
			Phenol-d5	40	29.16	73		10	130
			Bis(2-Chloroethyl)ether-d8	40	30.16	75		10	150
			2-Chlorophenol-d4	40	29.30	73		15	120
			4-Methylphenol-d8	40	28.93	72		10	140
			Nitrobenzene-d5	40	30.14	75		10	135
			2-Nitrophenol-d4	40	28.25	71		10	120
			2,4-Dichlorophenol-d3	40	27.05	68		10	140
			4-Chloroaniline-d4	40	27.80	69		1	145
			Dimethylphthalate-d6	40	30.64	77		10	145
			Acenaphthylene-d8	40	29.21	73		15	120
			4-Nitrophenol-d4	40	23.98	60		10	150
			Fluorene-d10	40	30.18	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	22.07	55		10	130
			Anthracene-d10	40	30.32	76		10	150
			Pyrene-d10	40	30.26	76		10	130
			Benzo(a)pyrene-d12	40	30.44	76		10	140

Surrogate Summary

SW-846

SDG No.: BG112124

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-(BG063507.D		1,4-Dioxane-d8	8	3.07	38		15	120
			Pyridine-d5	40	10.55	26		20	120
			Phenol-d5	40	12.96	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	12.93	32		10	150
			2-Chlorophenol-d4	40	13.07	33		15	120
			4-Methylphenol-d8	40	12.60	32		10	140
			Nitrobenzene-d5	40	12.89	32		10	135
			2-Nitrophenol-d4	40	11.90	30		10	120
			2,4-Dichlorophenol-d3	40	12.50	31		10	140
			4-Chloroaniline-d4	40	13.24	33		1	145
			Dimethylphthalate-d6	40	13.92	35		10	145
			Acenaphthylene-d8	40	13.87	35		15	120
			4-Nitrophenol-d4	40	10.89	27		10	150
			Fluorene-d10	40	14.20	35		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.16	28		10	130
			Anthracene-d10	40	13.94	35		10	150
			Pyrene-d10	40	13.73	34		10	130
			Benzo(a)pyrene-d12	40	13.57	34		10	140
PB165141BL	PB165141BL	BG063508.D	1,4-Dioxane-d8	8	6.70	84		15	120
			Pyridine-d5	40	33.67	84		20	120
			Phenol-d5	40	38.65	97		10	130
			Bis(2-Chloroethyl)ether-d8	40	39.56	99		10	150
			2-Chlorophenol-d4	40	39.76	99		15	120
			4-Methylphenol-d8	40	36.42	91		10	140
			Nitrobenzene-d5	40	36.67	92		10	135
			2-Nitrophenol-d4	40	36.52	91		10	120
			2,4-Dichlorophenol-d3	40	34.46	86		10	140
			4-Chloroaniline-d4	40	34.02	85		1	145
			Dimethylphthalate-d6	40	39.74	99		10	145
			Acenaphthylene-d8	40	38.34	96		15	120
			4-Nitrophenol-d4	40	30.70	77		10	150
			Fluorene-d10	40	39.89	100		20	140
			4,6-Dinitro-2-methylphenol-d2	40	31.23	78		10	130
			Anthracene-d10	40	39.93	100		10	150
			Pyrene-d10	40	39.63	99		10	130
			Benzo(a)pyrene-d12	40	38.50	96		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BG112124

Lab Code: CHEM

SAS No.: BG112124

SDG NO.: BG112124

Lab File ID: BG063501.D

DFTPP Injection Date: 11/21/2024

Instrument ID: BNA_G

DFTPP Injection Time: 09:06

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	30
68	Less than 2.0% of mass 69	0.3 (0.9) 1
69	Mass 69 relative abundance	34.5
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	34.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	30.4
365	Greater than 1% of mass 198	5
441	Present, but less than mass 443	13.1
442	Greater than 50% of mass 198	75.6
443	15.0 - 24.0% of mass 442	15 (19.8) 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
SSTD020545	SSTDCCC020	BG063502.D	11/21/2024	09:44
SBLK114	PB165114BL	BG063503.D	11/21/2024	10:28
SBLK140	PB165140BL	BG063504.D	11/21/2024	11:06
MDL-WATER-QT4-2024-07	P4776-01	BG063505.D	11/21/2024	13:55
MDL-SOIL-QT4-2024-07	P4776-03	BG063506.D	11/21/2024	14:47
MDL-MED-SOIL-QT4-2024-07	P4776-05	BG063507.D	11/21/2024	15:59
SBLK141	PB165141BL	BG063508.D	11/21/2024	16:52
SSTD020546	SSTDCCC020EC	BG063509.D	11/21/2024	17:32