

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP112524 SAS No.: BP112524 SDG No.: BP112524

Instrument ID: BNA_P Calibration Date/Time: 11/25/2024 : 11:35

Lab File ID: BP023311.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020738 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.481	0.554	0.010	15.1587	40.0
Benzaldehyde	0.851	1.112	0.010	30.6909	40.0
Pyridine	1.241	1.400	0.010	12.7566	40.0
Phenol	1.544	1.621	0.080	4.9749	20.0
Bis(2-Chloroethyl)ether	1.160	1.278	0.100	10.1356	20.0
2-Chlorophenol	1.124	1.191	0.200	5.8897	20.0
2-Methylphenol	1.153	1.208	0.010	4.7906	20.0
2,2-oxybis(1-Chloropropane)	1.314	1.599	0.010	21.7383	40.0
Acetophenone	2.045	2.206	0.060	7.8795	20.0
4-Methylphenol	1.273	1.317	0.010	3.4572	20.0
N-Nitroso-di-n-propylamine	1.021	1.176	0.050	15.1447	30.0
Hexachloroethane	0.544	0.578	0.100	6.2426	20.0
Nitrobenzene	0.400	0.436	0.050	9.1778	25.0
Isophorone	0.714	0.801	0.050	12.1849	25.0
2-Nitrophenol	0.175	0.184	0.050	4.8059	25.0
2,4-Dimethylphenol	0.378	0.404	0.050	6.7406	25.0
Bis(2-Chloroethoxy)methane	0.393	0.448	0.050	14.0319	20.0
2,4-Dichlorophenol	0.344	0.347	0.060	0.8548	20.0
Naphthalene	0.972	1.015	0.200	4.4429	20.0
4-Chloroaniline	0.402	0.385	0.010	-4.293	40.0
Hexachlorobutadiene	0.312	0.299	0.040	-3.8874	30.0
Caprolactam	0.102	0.111	0.010	8.7275	40.0
4-Chloro-3-methylphenol	0.370	0.392	0.040	5.6927	25.0
1-Methylnaphthalene	0.750	0.765	0.100	2.0521	20.0
2-Methylnaphthalene	0.734	0.756	0.100	3.0526	20.0
Hexachlorocyclopentadiene	0.355	0.301	0.010	-15.1633	40.0
2,4,6-Trichlorophenol	0.411	0.429	0.090	4.277	25.0
2,4,5-Trichlorophenol	0.443	0.457	0.100	3.1988	25.0
1,1-Biphenyl	1.282	1.353	0.200	5.5393	20.0
2-Chloronaphthalene	1.048	1.109	0.300	5.8909	20.0
2-Nitroaniline	0.294	0.333	0.050	13.1882	40.0
Dimethylphthalate	1.422	1.474	0.300	3.7196	20.0
2,6-Dinitrotoluene	0.277	0.297	0.080	7.4885	30.0
Acenaphthylene	1.520	1.624	0.400	6.8451	20.0
3-Nitroaniline	0.238	0.260	0.010	9.0182	40.0
Acenaphthene	1.104	1.183	0.200	7.1521	20.0
2,4-Dinitrophenol	0.196	0.167	0.010	-14.8252	40.0
4-Nitrophenol	0.253	0.202	0.010	-20.4731	40.0
Dibenzofuran	1.705	1.785	0.300	4.6527	20.0

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Lab File ID: BP023311.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020738 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.441	0.470	0.070	6.7573	30.0
Diethylphthalate	1.406	1.458	0.300	3.7029	20.0
Fluorene	1.396	1.456	0.200	4.3406	20.0
4-Chlorophenyl-phenylether	0.822	0.833	0.100	1.3432	20.0
4-Nitroaniline	0.222	0.244	0.010	10.183	40.0
4,6-Dinitro-2-methylphenol	0.128	0.129	0.010	0.8136	40.0
N-Nitrosodiphenylamine	0.462	0.499	0.050	8.0801	20.0
1,2,4,5-Tetrachlorobenzene	0.675	0.683	0.100	1.2209	20.0
4-Bromophenyl-phenylether	0.226	0.223	0.070	-1.6321	20.0
Hexachlorobenzene	0.285	0.277	0.050	-2.9816	25.0
Atrazine	0.223	0.229	0.010	2.3151	25.0
Pentachlorophenol	0.177	0.165	0.010	-6.6708	40.0
Phenanthrene	0.944	0.998	0.200	5.6808	20.0
Pentachlorobenzene	0.302	0.296	0.050	-1.671	20.0
Anthracene	0.949	1.001	0.200	5.4532	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.276	0.050	4.5614	20.0
Carbazole	0.828	0.891	0.050	7.5528	40.0
Di-n-butylphthalate	0.919	1.026	0.500	11.6177	25.0
Fluoranthene	1.061	1.107	0.400	4.3241	25.0
Pyrene	1.140	1.188	0.400	4.1685	25.0
Butylbenzylphthalate	0.375	0.424	0.100	13.0476	40.0
3,3-Dichlorobenzidine	0.449	0.473	0.010	5.3953	40.0
Benzo (a) anthracene	1.221	1.325	0.300	8.4772	30.0
Chrysene	1.149	1.265	0.200	10.1234	30.0
Bis(2-ethylhexyl)phthalate	0.533	0.624	0.200	16.9678	40.0
Di-n-octyl phthalate	0.811	0.936	0.010	15.4023	40.0
Benzo (b) fluoranthene	1.113	1.219	0.200	9.5062	25.0
Benzo (k) fluoranthene	1.096	1.229	0.200	12.1837	25.0
Benzo (a) pyrene	1.006	1.126	0.200	11.9173	20.0
Indeno (1,2,3-cd) pyrene	1.402	1.410	0.200	0.5381	25.0
Dibenzo (a,h) anthracene	1.138	1.133	0.200	-0.479	30.0
Benzo (g,h,i) perylene	1.065	1.103	0.200	3.5371	30.0
2,3,4,6-Tetrachlorophenol	0.433	0.459	0.040	5.8745	20.0
1,4-Dioxane-d8	0.416	0.497	0.010	19.5608	25.0
Pyridine-d5	1.236	1.373	0.010	11.0407	40.0
Phenol-d5	1.479	1.556	0.010	5.2451	25.0
Bis- (2-Chloroethyl) ether-d8	0.869	0.987	0.050	13.557	25.0
2-Chlorophenol-d4	1.083	1.148	0.200	6.0102	20.0
4-Methylphenol-d8	1.217	1.245	0.010	2.3485	20.0

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Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP112524 SAS No.: BP112524 SDG No.: BP112524

Instrument ID: BNA_P Calibration Date/Time: 11/25/2024 : 11:35

Lab File ID: BP023311.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020738 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.139	0.145	0.050	4.4043	20.0
2-Nitrophenol-d4	0.166	0.173	0.050	4.3312	30.0
2,4-Dichlorophenol-d3	0.348	0.355	0.060	2.2245	20.0
4-Chloroaniline-d4	0.415	0.410	0.010	-1.1343	40.0
Dimethylphthalate-d6	1.441	1.473	0.300	2.1607	20.0
Acenaphthylene-d8	1.504	1.596	0.400	6.1446	20.0
4-Nitrophenol-d4	0.217	0.178	0.010	-17.7561	40.0
Fluorene-d10	1.264	1.311	0.100	3.7628	20.0
4,6-Dinitro-2-methylphenol-d2	0.120	0.117	0.010	-2.0609	40.0
Anthracene-d10	0.847	0.909	0.300	7.3006	20.0
Pyrene-d10	0.921	0.974	0.300	5.7368	25.0
Benzo(a)pyrene-d12	0.953	1.044	0.010	9.5589	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.: BP112524 SAS No.: BP112524 SDG No.: BP112524

Instrument ID: BNA_P Calibration Date/Time: 11/25/2024 : 16:24

Lab File ID: BP023318.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020739 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.481	0.609	0.010	26.5821	50.0
Benzaldehyde	0.851	1.084	0.010	27.4305	50.0
Pyridine	1.241	1.401	0.010	12.8489	50.0
Phenol	1.544	1.513	0.080	-2.0308	50.0
Bis(2-Chloroethyl)ether	1.160	1.284	0.100	10.6884	50.0
2-Chlorophenol	1.124	1.146	0.200	1.926	50.0
2-Methylphenol	1.153	1.156	0.010	0.3132	50.0
2,2-oxybis(1-Chloropropane)	1.314	1.542	0.010	17.3788	50.0
Acetophenone	2.045	2.055	0.060	0.5066	50.0
4-Methylphenol	1.273	1.261	0.010	-0.964	50.0
N-Nitroso-di-n-propylamine	1.021	1.117	0.050	9.4244	50.0
Hexachloroethane	0.544	0.568	0.100	4.4502	50.0
Nitrobenzene	0.400	0.454	0.050	13.588	50.0
Isophorone	0.714	0.775	0.050	8.4214	50.0
2-Nitrophenol	0.175	0.177	0.050	0.8947	50.0
2,4-Dimethylphenol	0.378	0.402	0.050	6.2723	50.0
Bis(2-Chloroethoxy)methane	0.393	0.438	0.050	11.3765	50.0
2,4-Dichlorophenol	0.344	0.326	0.060	-5.2291	50.0
Naphthalene	0.972	1.009	0.200	3.826	50.0
4-Chloroaniline	0.402	0.381	0.010	-5.1761	50.0
Hexachlorobutadiene	0.312	0.313	0.040	0.5196	50.0
Caprolactam	0.102	0.099	0.010	-3.6753	50.0
4-Chloro-3-methylphenol	0.370	0.379	0.040	2.4122	50.0
1-Methylnaphthalene	0.750	0.763	0.100	1.7807	50.0
2-Methylnaphthalene	0.734	0.747	0.100	1.878	50.0
Hexachlorocyclopentadiene	0.355	0.306	0.010	-13.6893	50.0
2,4,6-Trichlorophenol	0.411	0.427	0.090	3.8386	50.0
2,4,5-Trichlorophenol	0.443	0.452	0.100	2.0206	50.0
1,1-Biphenyl	1.282	1.382	0.200	7.8332	50.0
2-Chloronaphthalene	1.048	1.135	0.300	8.3586	50.0
2-Nitroaniline	0.294	0.323	0.050	9.8226	50.0
Dimethylphthalate	1.422	1.495	0.300	5.1954	50.0
2,6-Dinitrotoluene	0.277	0.288	0.080	4.165	50.0
Acenaphthylene	1.520	1.620	0.400	6.5656	50.0
3-Nitroaniline	0.238	0.251	0.010	5.4848	50.0
Acenaphthene	1.104	1.188	0.200	7.6155	50.0
2,4-Dinitrophenol	0.196	0.158	0.010	-19.4906	50.0
4-Nitrophenol	0.253	0.190	0.010	-25.2133	50.0
Dibenzofuran	1.705	1.810	0.300	6.1062	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP112524 SAS No.: BP112524 SDG No.: BP112524

Instrument ID: BNA_P Calibration Date/Time: 11/25/2024 : 16:24

Lab File ID: BP023318.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020739 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.441	0.458	0.070	3.8898	50.0
Diethylphthalate	1.406	1.473	0.300	4.7492	50.0
Fluorene	1.396	1.480	0.200	6.0573	50.0
4-Chlorophenyl-phenylether	0.822	0.835	0.100	1.5928	50.0
4-Nitroaniline	0.222	0.209	0.010	-5.6911	50.0
4,6-Dinitro-2-methylphenol	0.128	0.123	0.010	-4.0231	50.0
N-Nitrosodiphenylamine	0.462	0.495	0.050	7.1215	50.0
1,2,4,5-Tetrachlorobenzene	0.675	0.706	0.100	4.5852	50.0
4-Bromophenyl-phenylether	0.226	0.226	0.070	-0.1193	50.0
Hexachlorobenzene	0.285	0.284	0.050	-0.3836	50.0
Atrazine	0.223	0.225	0.010	0.7886	50.0
Pentachlorophenol	0.177	0.162	0.010	-8.4604	50.0
Phenanthrene	0.944	1.007	0.200	6.6772	50.0
Pentachlorobenzene	0.302	0.309	0.050	2.3675	50.0
Anthracene	0.949	1.012	0.200	6.6231	50.0
1,2,3,4-Tetrachlorobenzene	0.264	0.283	0.050	7.088	50.0
Carbazole	0.828	0.881	0.050	6.3516	50.0
Di-n-butylphthalate	0.919	1.027	0.500	11.7386	50.0
Fluoranthene	1.061	1.055	0.400	-0.5497	50.0
Pyrene	1.140	1.140	0.400	-0.0423	50.0
Butylbenzylphthalate	0.375	0.413	0.100	10.0061	50.0
3,3-Dichlorobenzidine	0.449	0.463	0.010	3.1278	50.0
Benzo (a) anthracene	1.221	1.331	0.300	8.9674	50.0
Chrysene	1.149	1.231	0.200	7.1101	50.0
Bis(2-ethylhexyl)phthalate	0.533	0.577	0.200	8.1892	50.0
Di-n-octyl phthalate	0.811	0.866	0.010	6.7629	50.0
Benzo (b) fluoranthene	1.113	1.179	0.200	5.9391	50.0
Benzo (k) fluoranthene	1.096	1.197	0.200	9.2621	50.0
Benzo (a) pyrene	1.006	1.095	0.200	8.8566	50.0
Indeno (1,2,3-cd) pyrene	1.402	1.392	0.200	-0.7127	50.0
Dibenzo (a,h) anthracene	1.138	1.109	0.200	-2.6056	50.0
Benzo (g,h,i) perylene	1.065	1.080	0.200	1.4013	50.0
2,3,4,6-Tetrachlorophenol	0.433	0.435	0.040	0.3438	50.0
1,4-Dioxane-d8	0.416	0.531	0.010	27.5722	50.0
Pyridine-d5	1.236	1.378	0.010	11.5007	50.0
Phenol-d5	1.479	1.454	0.010	-1.6734	50.0
Bis- (2-Chloroethyl) ether-d8	0.869	0.966	0.050	11.154	50.0
2-Chlorophenol-d4	1.083	1.110	0.200	2.4927	50.0
4-Methylphenol-d8	1.217	1.210	0.010	-0.5335	50.0

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP112524 SAS No.: BP112524 SDG No.: BP112524

Instrument ID: BNA_P Calibration Date/Time: 11/25/2024 : 16:24

Lab File ID: BP023318.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020739 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.139	0.138	0.050	-1.2254	50.0
2-Nitrophenol-d4	0.166	0.170	0.050	2.298	50.0
2,4-Dichlorophenol-d3	0.348	0.351	0.060	0.9413	50.0
4-Chloroaniline-d4	0.415	0.397	0.010	-4.3309	50.0
Dimethylphthalate-d6	1.441	1.496	0.300	3.7858	50.0
Acenaphthylene-d8	1.504	1.602	0.400	6.5246	50.0
4-Nitrophenol-d4	0.217	0.157	0.010	-27.5274	50.0
Fluorene-d10	1.264	1.315	0.100	4.0844	50.0
4,6-Dinitro-2-methylphenol-d2	0.120	0.116	0.010	-3.2412	50.0
Anthracene-d10	0.847	0.889	0.300	5.029	50.0
Pyrene-d10	0.921	0.937	0.300	1.6741	50.0
Benzo(a)pyrene-d12	0.953	1.013	0.010	6.3506	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK168	SDG No.:	BP112524
Lab Sample ID:	PB165168BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023312.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.35	U	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	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	0.69	U	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5	ug/L
91-20-3	Naphthalene	0.94	U	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	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	2	U	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK168	SDG No.:	BP112524
Lab Sample ID:	PB165168BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023312.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	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	1.8	U	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5	10	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5	ug/L
86-73-7	Fluorene	0.94	U	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5	ug/L
86-74-8	Carbazole	1.1	U	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK168	SDG No.:	BP112524
Lab Sample ID:	PB165168BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023312.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	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	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.68		15-120		83	SPK: -8
7291-22-7	Pyridine-d5	28.897		20-120		72	SPK: -40
4165-62-2	Phenol-d5	27.673		10-130		69	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.03		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.843		20-130		72	SPK: -40
190780-66-6	4-Methylphenol-d8	27.014		25-125		68	SPK: -40
4165-60-0	Nitrobenzene-d5	29.342		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	30.226		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	26.324		20-120		66	SPK: -40
191656-33-4	4-Chloroaniline-d4	26.943		1-146		67	SPK: -40
85448-30-2	Dimethylphthalate-d6	32.726		25-130		82	SPK: -40
93951-97-4	Acenaphthylene-d8	30.919		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.312		10-150		63	SPK: -40
81103-79-9	Fluorene-d10	32.071		25-125		80	SPK: -40

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK168	SDG No.:	BP112524
Lab Sample ID:	PB165168BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023312.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	23.623		10-130		59	SPK: -40
1719-06-8	Anthracene-d10	31.364		25-130		78	SPK: -40
1718-52-1	Pyrene-d10	33.492		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	33.437		20-130		84	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68607	7.546				
1146-65-2	Naphthalene-d8	263744	10.293				
15067-26-2	Acenaphthene-d10	218141	14.163				
1517-22-2	Phenanthrene-d10	566401	16.981				
1719-03-5	Chrysene-d12	657443	21.41				
1520-96-3	Perylene-d12	722144	24.61				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BP112524
Lab Sample ID:	PB165173BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023313.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	11	U	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	330	ug/Kg
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
108-95-2	Phenol	43	U	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	40	U	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	23	U	23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	39	U	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	60	U	60	82.5	330	ug/Kg
98-86-2	Acetophenone	40	U	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	37	U	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	51	U	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	18	U	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	31	U	31	42.5	170	ug/Kg
78-59-1	Isophorone	48	U	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	31	U	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	25	U	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	43	U	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	16	U	16	42.5	170	ug/Kg
91-20-3	Naphthalene	25	U	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	24	U	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	44	U	44	42.5	170	ug/Kg
105-60-2	Caprolactam	72	U	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	49	U	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	33	U	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	23	U	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	95	U	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	49	U	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	39	U	39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BP112524
Lab Sample ID:	PB165173BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023313.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	24	U	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	26	U	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	41	U	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	29	U	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	44	U	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	32	U	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	44	U	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	29	U	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	48	U	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	44	U	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	32	U	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	43	U	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	30	U	30	42.5	170	ug/Kg
86-73-7	Fluorene	25	U	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	20	U	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	31	U	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	77	U	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	33	U	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	24	U	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29	U	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	32	U	32	42.5	170	ug/Kg
1912-24-9	Atrazine	71	U	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	74	U	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	29	U	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	52	U	52	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	50	U	50	42.5	170	ug/Kg
86-74-8	Carbazole	28	U	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	61	U	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	54	U	54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BP112524
Lab Sample ID:	PB165173BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023313.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	49	U	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	84	U	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	48	U	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	27	U	27	42.5	170	ug/Kg
218-01-9	Chrysene	31	U	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	96	U	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	76	U	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	33	U	33	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	32	U	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31	U	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	28	U	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	26	U	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	33	U	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8.661		15-120		108	SPK: -8
7291-22-7	Pyridine-d5	35.718		20-120		89	SPK: -40
4165-62-2	Phenol-d5	34.64		10-130		87	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.813		10-150		100	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.338		15-120		91	SPK: -40
190780-66-6	4-Methylphenol-d8	35.648		10-140		89	SPK: -40
4165-60-0	Nitrobenzene-d5	36.126		10-135		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.115		10-120		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	31.945		10-140		80	SPK: -40
191656-33-4	4-Chloroaniline-d4	32.248		1-145		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.538		10-145		101	SPK: -40
93951-97-4	Acenaphthylene-d8	38.877		15-120		97	SPK: -40
93951-79-2	4-Nitrophenol-d4	35.008		10-150		88	SPK: -40
81103-79-9	Fluorene-d10	38.654		20-140		97	SPK: -40

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK173	SDG No.:	BP112524
Lab Sample ID:	PB165173BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023313.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.176		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	40.132		10-150		100	SPK: -40
1718-52-1	Pyrene-d10	41.478		10-130		104	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.89		10-140		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60870	7.563				
1146-65-2	Naphthalene-d8	235394	10.304				
15067-26-2	Acenaphthene-d10	187585	14.181				
1517-22-2	Phenanthrene-d10	475581	16.986				
1719-03-5	Chrysene-d12	569421	21.41				
1520-96-3	Perylene-d12	723738	24.592				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK149	SDG No.:	BP112524
Lab Sample ID:	PB165149BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023314.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	270	U	270	200	2000	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	2500	10000	ug/Kg
110-86-1	Pyridine	1700	U	1700	5000	10000	ug/Kg
108-95-2	Phenol	1200	U	1200	2500	10000	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	2500	10000	ug/Kg
95-57-8	2-Chlorophenol	780	U	780	1300	5000	ug/Kg
95-48-7	2-Methylphenol	870	U	870	2500	10000	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	U	2000	2500	10000	ug/Kg
98-86-2	Acetophenone	970	U	970	2500	10000	ug/Kg
106-44-5	4-Methylphenol	850	U	850	2500	10000	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1700	U	1700	1300	5000	ug/Kg
67-72-1	Hexachloroethane	480	U	480	1300	5000	ug/Kg
98-95-3	Nitrobenzene	940	U	940	1300	5000	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	700	U	700	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	710	U	710	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	640	U	640	1300	5000	ug/Kg
91-20-3	Naphthalene	700	U	700	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	560	U	560	1300	10000	ug/Kg
87-68-3	Hexachlorobutadiene	1400	U	1400	1300	5000	ug/Kg
105-60-2	Caprolactam	2800	U	2800	2500	10000	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	1300	5000	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	1300	5000	ug/Kg
91-57-6	2-Methylnaphthalene	640	U	640	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	U	2700	2500	10000	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	760	U	760	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK149	SDG No.:	BP112524
Lab Sample ID:	PB165149BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023314.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	700	U	700	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	700	U	700	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	730	U	730	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300	U	1300	1300	5000	ug/Kg
208-96-8	Acenaphthylene	790	U	790	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	850	U	850	2500	10000	ug/Kg
83-32-9	Acenaphthene	820	U	820	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	U	2900	2500	10000	ug/Kg
100-02-7	4-Nitrophenol	1100	U	1100	2500	10000	ug/Kg
132-64-9	Dibenzofuran	720	U	720	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	970	U	970	1300	5000	ug/Kg
84-66-2	Diethylphthalate	820	U	820	1300	5000	ug/Kg
86-73-7	Fluorene	710	U	710	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	710	U	710	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	770	U	770	2500	10000	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200	U	2200	2500	10000	ug/Kg
86-30-6	N-Nitrosodiphenylamine	730	U	730	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	640	U	640	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	710	U	710	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	810	U	810	1300	5000	ug/Kg
1912-24-9	Atrazine	2000	U	2000	2500	10000	ug/Kg
87-86-5	Pentachlorophenol	1800	U	1800	2500	10000	ug/Kg
85-01-8	Phenanthrene	840	U	840	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	1600	U	1600	1300	5000	ug/Kg
120-12-7	Anthracene	680	U	680	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	1300	5000	ug/Kg
86-74-8	Carbazole	610	U	610	2500	10000	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1300	5000	ug/Kg
206-44-0	Fluoranthene	1400	U	1400	2500	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK149	SDG No.:	BP112524
Lab Sample ID:	PB165149BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023314.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1300	5000	ug/Kg
85-68-7	Butylbenzylphthalate	2400	U	2400	1300	5000	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600	U	1600	2500	10000	ug/Kg
56-55-3	Benzo(a)anthracene	550	U	550	1300	5000	ug/Kg
218-01-9	Chrysene	780	U	780	1300	5000	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2600	U	2600	1300	5000	ug/Kg
117-84-0	Di-n-octyl phthalate	2700	U	2700	2500	10000	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	770	U	770	1300	5000	ug/Kg
50-32-8	Benzo(a)pyrene	1100	U	1100	1300	5000	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	910	U	910	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	770	U	770	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	920	U	920	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	970	U	970	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	9.194		15-120		115	SPK: -8
7291-22-7	Pyridine-d5	35.711		20-120		89	SPK: -40
4165-62-2	Phenol-d5	34.088		10-130		85	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.342		10-150		98	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.369		15-120		88	SPK: -40
190780-66-6	4-Methylphenol-d8	34.436		10-140		86	SPK: -40
4165-60-0	Nitrobenzene-d5	37.07		10-135		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.258		10-120		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.559		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.409		1-145		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	41.24		10-145		103	SPK: -40
93951-97-4	Acenaphthylene-d8	38.348		15-120		96	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.78		10-150		82	SPK: -40
81103-79-9	Fluorene-d10	39.159		20-140		98	SPK: -40

Report of Analysis

Client:		Date Collected:	11/21/2024 12:00:00 AM
Project:		Date Received:	11/21/2024 12:00:00 AM
Client Sample ID:	SBLK149	SDG No.:	BP112524
Lab Sample ID:	PB165149BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023314.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.362		10-130		83	SPK: -40
1719-06-8	Anthracene-d10	39.436		10-150		99	SPK: -40
1718-52-1	Pyrene-d10	41.419		10-130		104	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.125		10-140		100	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	49704	7.563				
1146-65-2	Naphthalene-d8	189526	10.304				
15067-26-2	Acenaphthene-d10	155266	14.163				
1517-22-2	Phenanthrene-d10	406062	16.969				
1719-03-5	Chrysene-d12	488885	21.404				
1520-96-3	Perylene-d12	573064	24.604				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	700	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT4-2024-08	SDG No.:	BP112524
Lab Sample ID:	P4776-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023315.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	J	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	4.9	J	1.1	5	10	ug/L
110-86-1	Pyridine	3.3	J	1.7	10	10	ug/L
108-95-2	Phenol	4	J	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	4.6	J	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	4.4	J	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	3.8	J	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.3	J	1.9	5	10	ug/L
98-86-2	Acetophenone	4.1	J	1.5	5	10	ug/L
106-44-5	4-Methylphenol	4.2	J	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	4.7	J	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	4.7	J	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	4.8	J	1.4	2.5	5	ug/L
78-59-1	Isophorone	4.6	J	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	4	J	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	3.7	J	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	4.3	J	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	4.2	J	1.1	2.5	5	ug/L
91-20-3	Naphthalene	4.7	J	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	3.8	J	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	4.4	J	1.5	2.5	5	ug/L
105-60-2	Caprolactam	4.5	J	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	3.9	J	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	3.9	J	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	4.3	J	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	4.2	J	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	4	J	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	3.9	J	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT4-2024-08	SDG No.:	BP112524
Lab Sample ID:	P4776-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023315.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4.4	J	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4.4	J	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	4.2	J	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	4.5	J	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	3.9	J	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	4.7	J	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	3.5	J	1.6	5	10	ug/L
83-32-9	Acenaphthene	4.5	J	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	6.2	J	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	3.8	J	1.4	5	10	ug/L
132-64-9	Dibenzofuran	4.4	J	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	4.1	J	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	4.6	J	1.3	2.5	5	ug/L
86-73-7	Fluorene	4.5	J	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.6	J	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	3.8	J	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.3	J	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	4.6	J	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.4	J	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.3	J	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	4.3	J	1.2	2.5	5	ug/L
1912-24-9	Atrazine	4.4	J	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	6.6	J	1.9	5	10	ug/L
85-01-8	Phenanthrene	4.6	J	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	3.9	J	1.7	2.5	5	ug/L
120-12-7	Anthracene	4.4	J	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	3.9	J	1.7	2.5	5	ug/L
86-74-8	Carbazole	4.1	J	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	4.3	J	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	4.4	J	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT4-2024-08	SDG No.:	BP112524
Lab Sample ID:	P4776-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023315.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4.6	J	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	4.3	J	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3.4	J	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	4.6	J	1.1	2.5	5	ug/L
218-01-9	Chrysene	4.7	J	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.2	J	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	4.1	J	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.4	J	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.6	J	1.4	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	4.4	J	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	4.6	J	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.2	J	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.226		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	12.151		20-120		30	SPK: -40
4165-62-2	Phenol-d5	11.953		10-130		30	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.117		25-120		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.532		20-130		31	SPK: -40
190780-66-6	4-Methylphenol-d8	11.608		25-125		29	SPK: -40
4165-60-0	Nitrobenzene-d5	12.558		20-125		31	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.368		20-130		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.282		20-120		31	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.857		1-146		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.955		25-130		35	SPK: -40
93951-97-4	Acenaphthylene-d8	13.354		10-130		33	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.918		10-150		32	SPK: -40
81103-79-9	Fluorene-d10	13.977		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-QT4-2024-08	SDG No.:	BP112524
Lab Sample ID:	P4776-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023315.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.511		10-130		26	SPK: -40
1719-06-8	Anthracene-d10	13.295		25-130		33	SPK: -40
1718-52-1	Pyrene-d10	13.819		15-130		35	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.683		20-130		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	59501	7.564				
1146-65-2	Naphthalene-d8	229648	10.305				
15067-26-2	Acenaphthene-d10	189046	14.163				
1517-22-2	Phenanthrene-d10	500532	16.975				
1719-03-5	Chrysene-d12	609936	21.404				
1520-96-3	Perylene-d12	747785	24.592				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT4-2024-08	SDG No.:	BP112524
Lab Sample ID:	P4776-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023316.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	37	J	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	160	J	45	82.5	330	ug/Kg
110-86-1	Pyridine	130	J	33	170	330	ug/Kg
108-95-2	Phenol	120	J	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	140	J	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	140	J	23	42.5	170	ug/Kg
95-48-7	2-Methylphenol	130	J	39	82.5	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	170	J	60	82.5	330	ug/Kg
98-86-2	Acetophenone	150	J	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	130	J	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	160	J	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	140	J	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	150	J	31	42.5	170	ug/Kg
78-59-1	Isophorone	150	J	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	130	J	31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	120	J	25	42.5	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	160	J	43	42.5	170	ug/Kg
120-83-2	2,4-Dichlorophenol	140	J	16	42.5	170	ug/Kg
91-20-3	Naphthalene	160	J	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	130	J	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	140	J	44	42.5	170	ug/Kg
105-60-2	Caprolactam	150	J	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	J	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	130	J	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	150	J	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	140	J	95	82.5	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	130	J	49	42.5	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	130	J	39	42.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT4-2024-08	SDG No.:	BP112524
Lab Sample ID:	P4776-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023316.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	150	J	24	42.5	170	ug/Kg
91-58-7	2-Chloronaphthalene	150	J	26	42.5	170	ug/Kg
88-74-4	2-Nitroaniline	120	J	41	42.5	170	ug/Kg
131-11-3	Dimethylphthalate	150	J	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	130	J	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	160	J	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	120	J	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	150	J	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	190	J	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	120	J	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	150	J	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	140	J	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	150	J	30	42.5	170	ug/Kg
86-73-7	Fluorene	150	J	25	42.5	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	150	J	20	42.5	170	ug/Kg
100-01-6	4-Nitroaniline	110	J	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	J	77	82.5	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	150	J	33	42.5	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	150	J	24	42.5	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	140	J	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	140	J	32	42.5	170	ug/Kg
1912-24-9	Atrazine	140	J	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	210	J	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	150	J	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	130	J	52	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	140	J	50	42.5	170	ug/Kg
86-74-8	Carbazole	130	J	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	140	J	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	140	J	54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT4-2024-08	SDG No.:	BP112524
Lab Sample ID:	P4776-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023316.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	J	49	42.5	170	ug/Kg
85-68-7	Butylbenzylphthalate	140	J	84	42.5	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	J	48	82.5	330	ug/Kg
56-55-3	Benzo(a)anthracene	150	J	27	42.5	170	ug/Kg
218-01-9	Chrysene	150	J	31	42.5	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	J	96	42.5	170	ug/Kg
117-84-0	Di-n-octyl phthalate	150	J	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	140	J	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	140	J	28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	150	J	26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	140	J	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.271		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	11.957		20-120		30	SPK: -40
4165-62-2	Phenol-d5	11.48		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	13.832		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.328		15-120		31	SPK: -40
190780-66-6	4-Methylphenol-d8	11.465		10-140		29	SPK: -40
4165-60-0	Nitrobenzene-d5	12.21		10-135		31	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.581		10-120		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.899		10-140		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.393		1-145		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.614		10-145		34	SPK: -40
93951-97-4	Acenaphthylene-d8	13.789		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	11.897		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	13.668		20-140		34	SPK: -40

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT4-2024-08	SDG No.:	BP112524
Lab Sample ID:	P4776-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023316.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165173

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.036		10-130		25	SPK: -40
1719-06-8	Anthracene-d10	13.627		10-150		34	SPK: -40
1718-52-1	Pyrene-d10	13.748		10-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.076		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	67172	7.564				
1146-65-2	Naphthalene-d8	260856	10.31				
15067-26-2	Acenaphthene-d10	212495	14.175				
1517-22-2	Phenanthrene-d10	551033	16.981				
1719-03-5	Chrysene-d12	664249	21.41				
1520-96-3	Perylene-d12	768579	24.61				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT4-2024-08	SDG No.:	BP112524
Lab Sample ID:	P4776-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023317.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1300	J	260	190	2000	ug/Kg
100-52-7	Benzaldehyde	4600	J	1400	2400	9800	ug/Kg
110-86-1	Pyridine	3900	J	1700	4900	9800	ug/Kg
108-95-2	Phenol	3700	J	1200	2400	9800	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4200	J	1100	2400	9800	ug/Kg
95-57-8	2-Chlorophenol	4200	J	760	1300	4900	ug/Kg
95-48-7	2-Methylphenol	3700	J	850	2400	9800	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	4900	J	2000	2400	9800	ug/Kg
98-86-2	Acetophenone	4000	J	950	2400	9800	ug/Kg
106-44-5	4-Methylphenol	3700	J	830	2400	9800	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4500	J	1700	1300	4900	ug/Kg
67-72-1	Hexachloroethane	4400	J	470	1300	4900	ug/Kg
98-95-3	Nitrobenzene	4400	J	920	1300	4900	ug/Kg
78-59-1	Isophorone	4400	J	1100	1300	4900	ug/Kg
88-75-5	2-Nitrophenol	4100	J	690	1300	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	3500	J	700	1300	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4500	J	1300	1300	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	3700	J	630	1300	4900	ug/Kg
91-20-3	Naphthalene	4400	J	690	1300	4900	ug/Kg
106-47-8	4-Chloroaniline	3800	J	550	1300	9800	ug/Kg
87-68-3	Hexachlorobutadiene	4200	J	1400	1300	4900	ug/Kg
105-60-2	Caprolactam	4100	J	2700	2400	9800	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3900	J	1300	1300	4900	ug/Kg
90-12-0	1-Methylnaphthalene	3800	J	1200	1300	4900	ug/Kg
91-57-6	2-Methylnaphthalene	4200	J	630	1300	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4300	J	2600	2400	9800	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4000	J	1200	1300	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3700	J	750	1300	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT4-2024-08	SDG No.:	BP112524
Lab Sample ID:	P4776-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023317.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4400	J	690	1300	4900	ug/Kg
91-58-7	2-Chloronaphthalene	4400	J	690	1300	4900	ug/Kg
88-74-4	2-Nitroaniline	3800	J	1600	1300	4900	ug/Kg
131-11-3	Dimethylphthalate	4500	J	720	1300	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	3800	J	1300	1300	4900	ug/Kg
208-96-8	Acenaphthylene	4700	J	770	1300	4900	ug/Kg
99-09-2	3-Nitroaniline	3400	J	830	2400	9800	ug/Kg
83-32-9	Acenaphthene	4400	J	800	1300	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	6200	J	2800	2400	9800	ug/Kg
100-02-7	4-Nitrophenol	3600	J	1100	2400	9800	ug/Kg
132-64-9	Dibenzofuran	4400	J	710	1300	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	3900	J	950	1300	4900	ug/Kg
84-66-2	Diethylphthalate	4400	J	800	1300	4900	ug/Kg
86-73-7	Fluorene	4300	J	700	1300	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4400	J	700	1300	4900	ug/Kg
100-01-6	4-Nitroaniline	3500	J	750	2400	9800	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4200	J	2200	2400	9800	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4300	J	720	1300	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4400	J	630	1300	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4200	J	700	1300	4900	ug/Kg
118-74-1	Hexachlorobenzene	4200	J	790	1300	4900	ug/Kg
1912-24-9	Atrazine	4100	J	2000	2400	9800	ug/Kg
87-86-5	Pentachlorophenol	6200	J	1800	2400	9800	ug/Kg
85-01-8	Phenanthrene	4400	J	820	1300	4900	ug/Kg
608-93-5	Pentachlorobenzene	3900	J	1600	1300	4900	ug/Kg
120-12-7	Anthracene	4200	J	670	1300	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	4300	J	1700	1300	4900	ug/Kg
86-74-8	Carbazole	3800	J	600	2400	9800	ug/Kg
84-74-2	Di-n-butylphthalate	4200	J	1500	1300	4900	ug/Kg
206-44-0	Fluoranthene	4400	J	1400	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT4-2024-08	SDG No.:	BP112524
Lab Sample ID:	P4776-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023317.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4500	J	1100	1300	4900	ug/Kg
85-68-7	Butylbenzylphthalate	4100	J	2400	1300	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3300	J	1600	2400	9800	ug/Kg
56-55-3	Benzo(a)anthracene	4400	J	540	1300	4900	ug/Kg
218-01-9	Chrysene	4600	J	760	1300	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4200	J	2500	1300	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	4300	J	2600	2400	9800	ug/Kg
205-99-2	Benzo(b)fluoranthene	4500	J	1100	1300	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	4600	J	750	1300	4900	ug/Kg
50-32-8	Benzo(a)pyrene	4200	J	1100	1300	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4000	J	890	1300	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4200	J	750	1300	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4400	J	900	1300	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4100	J	950	1300	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.972		15-120		50	SPK: -8
7291-22-7	Pyridine-d5	12.111		20-120		30	SPK: -40
4165-62-2	Phenol-d5	11.444		10-130		29	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.133		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	12.801		15-120		32	SPK: -40
190780-66-6	4-Methylphenol-d8	11.032		10-140		28	SPK: -40
4165-60-0	Nitrobenzene-d5	13.102		10-135		33	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.451		10-120		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	11.643		10-140		29	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.308		1-145		28	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.599		10-145		34	SPK: -40
93951-97-4	Acenaphthylene-d8	13.506		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.565		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	13.465		20-140		34	SPK: -40

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT4-2024-08	SDG No.:	BP112524
Lab Sample ID:	P4776-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023317.D	1	11/21/2024 12:00:00 AM	11/25/2024 12:00:00 AM	PB165149

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	10.751		10-130		27	SPK: -40
1719-06-8	Anthracene-d10	12.925		10-150		32	SPK: -40
1718-52-1	Pyrene-d10	13.796		10-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.764		10-140		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81417	7.563				
1146-65-2	Naphthalene-d8	302870	10.304				
15067-26-2	Acenaphthene-d10	235212	14.169				
1517-22-2	Phenanthrene-d10	598875	16.969				
1719-03-5	Chrysene-d12	717424	21.398				
1520-96-3	Perylene-d12	820405	24.592				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	690	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP112524

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-WATER-QT4-2024-08							
P4776-02	MDL-WATER-QT4-2024 Water	Total Alkanes	*	0.000	1.1	5	ug/L
		Total Tics :			0.00		
P4776-02	MDL-WATER-QT4-2024 Water	1,1-Biphenyl	4.400	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	1,2,3,4-Tetrachlorobenzene	3.900	J	1.7	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	1,2,4,5-Tetrachlorobenzene	4.400	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	1,4-Dioxane	1.300	J	0.35	2	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	1-Methylnaphthalene	3.900	J	0.91	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,2-oxybis(1-Chloropropane)	5.300	J	1.9	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,3,4,6-Tetrachlorophenol	4.200	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4,5-Trichlorophenol	3.900	J	1.6	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4,6-Trichlorophenol	4.000	J	2	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4-Dichlorophenol	4.200	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4-Dimethylphenol	3.700	J	0.69	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4-Dinitrophenol	6.200	J	1.8	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,4-Dinitrotoluene	4.100	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2,6-Dinitrotoluene	3.900	J	1.7	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Chloronaphthalene	4.400	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Chlorophenol	4.400	J	0.91	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Methylnaphthalene	4.300	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Methylphenol	3.800	J	1.5	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Nitroaniline	4.200	J	1.8	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	2-Nitrophenol	4.000	J	1.2	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	3,3-Dichlorobenzidine	3.400	J	1.4	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	3-Nitroaniline	3.500	J	1.6	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4,6-Dinitro-2-methylphenol	4.300	J	2.4	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Bromophenyl-phenylether	4.300	J	0.95	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Chloro-3-methylphenol	3.900	J	1.6	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Chloroaniline	3.800	J	0.94	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Chlorophenyl-phenylether	4.600	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Methylphenol	4.200	J	1.7	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Nitroaniline	3.800	J	0.83	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	4-Nitrophenol	3.800	J	1.4	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Acenaphthene	4.500	J	0.96	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Acenaphthylene	4.700	J	1.2	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Acetophenone	4.100	J	1.5	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Anthracene	4.400	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Atrazine	4.400	J	1.8	10	ug/L

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SDG No.: BP112524

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4776-02	MDL-WATER-QT4-2024 Water	Benzaldehyde	4.900	J	1.1	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Benzo(a)anthracene	4.600	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Benzo(a)pyrene	4.200	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Benzo(b)fluoranthene	4.400	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Benzo(g,h,i)perylene	4.600	J	1.2	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Benzo(k)fluoranthene	4.600	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Bis(2-Chloroethoxy)methane	4.300	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Bis(2-Chloroethyl)ether	4.600	J	1.4	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Bis(2-ethylhexyl)phthalate	4.200	J	3	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Butylbenzylphthalate	4.300	J	2.7	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Caprolactam	4.500	J	2.6	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Carbazole	4.100	J	1.1	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Chrysene	4.700	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Di-n-butylphthalate	4.300	J	1.9	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Di-n-octyl phthalate	4.100	J	2.4	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Dibenzo(a,h)anthracene	4.400	J	1.3	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Dibenzofuran	4.400	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Diethylphthalate	4.600	J	1.3	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Dimethylphthalate	4.500	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Fluoranthene	4.400	J	1.9	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Fluorene	4.500	J	0.94	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Hexachlorobenzene	4.300	J	1.2	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Hexachlorobutadiene	4.400	J	1.5	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Hexachlorocyclopentadiene	4.200	J	3.1	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Hexachloroethane	4.700	J	1.1	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Indeno(1,2,3-cd)pyrene	4.400	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Isophorone	4.600	J	1.7	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	N-Nitroso-di-n-propylamine	4.700	J	1.9	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	N-Nitrosodiphenylamine	4.600	J	1.3	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Naphthalene	4.700	J	0.94	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Nitrobenzene	4.800	J	1.4	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Pentachlorobenzene	3.900	J	1.7	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Pentachlorophenol	6.600	J	1.9	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Phenanthrene	4.600	J	1.2	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Phenol	4.000	J	1.6	10	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Pyrene	4.600	J	1.8	5	ug/L
P4776-02	MDL-WATER-QT4-2024 Water	Pyridine	3.300	J	1.7	10	ug/L

Total Svoc : 309.80

Total Concentration: 309.80

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

Hit Summary Sheet SW-846

SDG No.: BP112524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Total Alkanes	*	0.000	24	170	ug/Kg
			Total Tics :			0.00		
P4776-04	MDL-SOIL-QT4-2024-08	Solid	1,1-Biphenyl	150.000	J	24	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	1,2,3,4-Tetrachlorobenzene	140.000	J	50	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	1,2,4,5-Tetrachlorobenzene	150.000	J	24	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	1,4-Dioxane	37.000	J	11	67	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	1-Methylnaphthalene	130.000	J	33	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,2-oxybis(1-Chloropropane)	170.000	J	60	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,3,4,6-Tetrachlorophenol	140.000	J	33	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4,5-Trichlorophenol	130.000	J	39	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4,6-Trichlorophenol	130.000	J	49	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4-Dichlorophenol	140.000	J	16	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4-Dimethylphenol	120.000	J	25	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4-Dinitrophenol	190.000	J	48	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,4-Dinitrotoluene	140.000	J	43	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2,6-Dinitrotoluene	130.000	J	44	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Chloronaphthalene	150.000	J	26	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Chlorophenol	140.000	J	23	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Methylnaphthalene	150.000	J	23	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Methylphenol	130.000	J	39	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Nitroaniline	120.000	J	41	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	2-Nitrophenol	130.000	J	31	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	3,3-Dichlorobenzidine	110.000	J	48	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	3-Nitroaniline	120.000	J	44	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4,6-Dinitro-2-methylphenol	140.000	J	77	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Bromophenyl-phenylether	140.000	J	29	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Chloro-3-methylphenol	130.000	J	49	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Chloroaniline	130.000	J	24	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Chlorophenyl-phenylether	150.000	J	20	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Methylphenol	130.000	J	37	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Nitroaniline	110.000	J	31	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	4-Nitrophenol	120.000	J	44	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Acenaphthene	150.000	J	29	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Acenaphthylene	160.000	J	32	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Acetophenone	150.000	J	40	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Anthracene	150.000	J	25	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Atrazine	140.000	J	71	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzaldehyde	160.000	J	45	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzo(a)anthracene	150.000	J	27	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzo(a)pyrene	140.000	J	32	170	ug/Kg

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SDG No.: BP112524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzo(b)fluoranthene	150.000	J	33	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzo(g,h,i)perylene	150.000	J	26	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Benzo(k)fluoranthene	160.000	J	38	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Bis(2-Chloroethoxy)methane	160.000	J	43	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Bis(2-Chloroethyl)ether	140.000	J	40	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Bis(2-ethylhexyl)phthalate	140.000	J	96	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Butylbenzylphthalate	140.000	J	84	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Caprolactam	150.000	J	72	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Carbazole	130.000	J	28	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Chrysene	150.000	J	31	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Di-n-butylphthalate	140.000	J	61	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Di-n-octyl phthalate	150.000	J	76	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Dibenzo(a,h)anthracene	140.000	J	28	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Dibenzofuran	150.000	J	32	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Diethylphthalate	150.000	J	30	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Dimethylphthalate	150.000	J	29	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Fluoranthene	140.000	J	54	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Fluorene	150.000	J	25	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Hexachlorobenzene	140.000	J	32	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Hexachlorobutadiene	140.000	J	44	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Hexachlorocyclopentadiene	140.000	J	95	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Hexachloroethane	140.000	J	18	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Indeno(1,2,3-cd)pyrene	150.000	J	31	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Isophorone	150.000	J	48	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	N-Nitroso-di-n-propylamine	160.000	J	51	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	N-Nitrosodiphenylamine	150.000	J	33	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Naphthalene	160.000	J	25	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Nitrobenzene	150.000	J	31	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Pentachlorobenzene	130.000	J	52	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Pentachlorophenol	210.000	J	74	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Phenanthrene	150.000	J	29	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Phenol	120.000	J	43	330	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Pyrene	150.000	J	49	170	ug/Kg
P4776-04	MDL-SOIL-QT4-2024-08	Solid	Pyridine	130.000	J	33	330	ug/Kg
Total Svoc :				10,207.00				
Total Concentration:				10,207.00				

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

P4776-06	MDL-MED-SOIL-QT4-2 Solid	Total Alkanes	*	0.000	690	4900	ug/Kg
Total Tics :				0.00			
P4776-06	MDL-MED-SOIL-QT4-2 Solid	1,1-Biphenyl		4,400.000	J 690	4900	ug/Kg

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SDG No.: BP112524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-06	MDL-MED-SOIL-QT4-2	Solid	1,2,3,4-Tetrachlorobenzene	4,300.000	J	1700	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	1,2,4,5-Tetrachlorobenzene	4,400.000	J	630	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	1,4-Dioxane	1,300.000	J	260	2000	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	1-Methylnaphthalene	3,800.000	J	1200	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,2-oxybis(1-Chloropropane)	4,900.000	J	2000	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,3,4,6-Tetrachlorophenol	4,100.000	J	950	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4,5-Trichlorophenol	3,700.000	J	750	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4,6-Trichlorophenol	4,000.000	J	1200	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4-Dichlorophenol	3,700.000	J	630	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4-Dimethylphenol	3,500.000	J	700	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4-Dinitrophenol	6,200.000	J	2800	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,4-Dinitrotoluene	3,900.000	J	950	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2,6-Dinitrotoluene	3,800.000	J	1300	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Chloronaphthalene	4,400.000	J	690	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Chlorophenol	4,200.000	J	760	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Methylnaphthalene	4,200.000	J	630	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Methylphenol	3,700.000	J	850	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Nitroaniline	3,800.000	J	1600	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	2-Nitrophenol	4,100.000	J	690	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	3,3-Dichlorobenzidine	3,300.000	J	1600	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	3-Nitroaniline	3,400.000	J	830	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4,6-Dinitro-2-methylphenol	4,200.000	J	2200	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Bromophenyl-phenylether	4,200.000	J	700	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Chloro-3-methylphenol	3,900.000	J	1300	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Chloroaniline	3,800.000	J	550	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Chlorophenyl-phenylether	4,400.000	J	700	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Methylphenol	3,700.000	J	830	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Nitroaniline	3,500.000	J	750	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	4-Nitrophenol	3,600.000	J	1100	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Acenaphthene	4,400.000	J	800	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Acenaphthylene	4,700.000	J	770	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Acetophenone	4,000.000	J	950	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Anthracene	4,200.000	J	670	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Atrazine	4,100.000	J	2000	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzaldehyde	4,600.000	J	1400	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzo(a)anthracene	4,400.000	J	540	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzo(a)pyrene	4,200.000	J	1100	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzo(b)fluoranthene	4,500.000	J	1100	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzo(g,h,i)perylene	4,400.000	J	900	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Benzo(k)fluoranthene	4,600.000	J	750	4900	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP112524

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Bis(2-Chloroethoxy)methane	4,500.000	J	1300	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Bis(2-Chloroethyl)ether	4,200.000	J	1100	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Bis(2-ethylhexyl)phthalate	4,200.000	J	2500	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Butylbenzylphthalate	4,100.000	J	2400	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Caprolactam	4,100.000	J	2700	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Carbazole	3,800.000	J	600	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Chrysene	4,600.000	J	760	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Di-n-butylphthalate	4,200.000	J	1500	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Di-n-octyl phthalate	4,300.000	J	2600	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Dibenzo(a,h)anthracene	4,200.000	J	750	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Dibenzofuran	4,400.000	J	710	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Diethylphthalate	4,400.000	J	800	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Dimethylphthalate	4,500.000	J	720	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Fluoranthene	4,400.000	J	1400	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Fluorene	4,300.000	J	700	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Hexachlorobenzene	4,200.000	J	790	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Hexachlorobutadiene	4,200.000	J	1400	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Hexachlorocyclopentadiene	4,300.000	J	2600	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Hexachloroethane	4,400.000	J	470	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Indeno(1,2,3-cd)pyrene	4,000.000	J	890	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Isophorone	4,400.000	J	1100	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	N-Nitroso-di-n-propylamine	4,500.000	J	1700	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	N-Nitrosodiphenylamine	4,300.000	J	720	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Naphthalene	4,400.000	J	690	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Nitrobenzene	4,400.000	J	920	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Pentachlorobenzene	3,900.000	J	1600	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Pentachlorophenol	6,200.000	J	1800	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Phenanthrene	4,400.000	J	820	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Phenol	3,700.000	J	1200	9800	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Pyrene	4,500.000	J	1100	4900	ug/Kg
P4776-06	MDL-MED-SOIL-QT4-2	Solid	Pyridine	3,900.000	J	1700	9800	ug/Kg

Total Svoc :

300,400.00

Total Concentration:

300,400.00



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP110924

SAS No.: BP110924

SDG No.: BP110924

Instrument ID: _____

Calibration Date(s): 11/8/2024 : _____

Calibration Time(s): 18:53 _____

LAB FILE ID:		RRFAL1 = BP022940.D			RRFAL2 = BP022941.D		RRFAL3 = BP022942.D	
		RRFAL4 = BP022943.D			RRFAL5 = BP022944.D		RRFAL6 = BP022945.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.498	0.499	0.485	0.464	0.457		0.481	4.0
Benzaldehyde		1.019	1.045	0.911	0.710	0.569	0.851	24.2
Pyridine		1.164	1.224	1.292	1.301	1.227	1.241	4.5
Hexachloroethane	0.515	0.551	0.543	0.552	0.557		0.544	3.1
Nitrobenzene	0.370	0.382	0.418	0.416	0.412		0.400	5.5
Isophorone	0.643	0.679	0.754	0.757	0.739		0.714	7.1
2-Nitrophenol	0.155	0.166	0.183	0.184	0.188		0.175	8.1
2,4-Dimethylphenol	0.359	0.355	0.405	0.384	0.388		0.378	5.6
Bis(2-Chloroethoxy)methane	0.351	0.383	0.412	0.416	0.403		0.393	6.8
2,4-Dichlorophenol	0.311	0.314	0.366	0.369	0.361		0.344	8.4
Naphthalene	0.926	0.948	1.027	0.989	0.968		0.972	4.0
4-Chloroaniline		0.370	0.402	0.412	0.417	0.408	0.402	4.7
Hexachlorobutadiene	0.325	0.304	0.317	0.309	0.303		0.312	3.0
Phenol		1.401	1.516	1.585	1.631	1.588	1.544	5.8
Caprolactam		0.087	0.105	0.106	0.107	0.107	0.102	8.6
4-Chloro-3-methylphenol	0.324	0.348	0.396	0.394	0.390		0.370	8.8
1-Methylnaphthalene	0.705	0.732	0.785	0.774	0.753		0.750	4.3
2-Methylnaphthalene	0.696	0.709	0.764	0.753	0.747		0.734	4.0
Hexachlorocyclopentadiene		0.254	0.324	0.370	0.392	0.433	0.355	19.3
2,4,6-Trichlorophenol	0.364	0.383	0.422	0.441	0.446		0.411	8.9
2,4,5-Trichlorophenol	0.372	0.410	0.468	0.477	0.489		0.443	11.3
1,1-Biphenyl	1.181	1.267	1.337	1.329	1.294		1.282	4.9
2-Chloronaphthalene	0.959	1.041	1.090	1.075	1.072		1.048	5.0
2-Nitroaniline	0.233	0.273	0.309	0.327	0.329		0.294	14.0
Bis(2-Chloroethyl)ether		1.099	1.155	1.198	1.207	1.143	1.160	3.8
Dimethylphthalate	1.293	1.440	1.479	1.475	1.421		1.422	5.4
2,6-Dinitrotoluene	0.233	0.259	0.284	0.303	0.304		0.277	10.9
Acenaphthylene	1.332	1.492	1.633	1.575	1.570		1.520	7.7
3-Nitroaniline		0.220	0.253	0.250	0.238	0.231	0.238	5.7
Acenaphthene	0.998	1.095	1.147	1.150	1.129		1.104	5.7
2,4-Dinitrophenol		0.140	0.171	0.207	0.227	0.237	0.196	20.5
4-Nitrophenol		0.172	0.259	0.278	0.289	0.271	0.253	18.6
Dibenzofuran	1.590	1.696	1.793	1.750	1.699		1.705	4.5
2,4-Dinitrotoluene	0.366	0.424	0.470	0.472	0.471		0.441	10.5
Diethylphthalate	1.288	1.401	1.450	1.473	1.418		1.406	5.1
2-Chlorophenol	1.013	1.107	1.120	1.171	1.210		1.124	6.6

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP110924 SAS No.: BP110924 SDG No.: BP110924

Instrument ID: _____ Calibration Date(s): 11/8/2024 : _____

Calibration Time(s): 18:53 _____

LAB FILE ID:		RRFAL1 = BP022940.D		RRFAL2 = BP022941.D		RRFAL3 = BP022942.D		
		RRFAL4 = BP022943.D		RRFAL5 = BP022944.D		RRFAL6 = BP022945.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.277	1.408	1.445	1.420	1.430		1.396	4.8
4-Chlorophenyl-phenylether	0.774	0.833	0.831	0.838	0.832		0.822	3.3
4-Nitroaniline		0.221	0.273	0.218	0.212	0.184	0.222	14.6
4,6-Dinitro-2-methylphenol		0.107	0.127	0.133	0.135	0.138	0.128	9.6
N-Nitrosodiphenylamine	0.418	0.447	0.492	0.489	0.464		0.462	6.6
1,2,4,5-Tetrachlorobenzene	0.636	0.660	0.703	0.695	0.682		0.675	4.1
4-Bromophenyl-phenylether	0.216	0.216	0.233	0.241	0.226		0.226	4.7
Hexachlorobenzene	0.279	0.280	0.297	0.288	0.282		0.285	2.7
Atrazine		0.211	0.227	0.232	0.224	0.223	0.223	3.5
Pentachlorophenol		0.152	0.172	0.181	0.183	0.197	0.177	9.4
2-Methylphenol		1.056	1.121	1.186	1.212	1.189	1.153	5.6
Phenanthrene	0.887	0.934	0.994	0.969	0.936		0.944	4.3
Pentachlorobenzene	0.288	0.297	0.307	0.314	0.302		0.302	3.2
Anthracene	0.874	0.953	1.006	0.969	0.945		0.949	5.1
1,2,3,4-Tetrachlorobenzene	0.246	0.256	0.275	0.276	0.267		0.264	4.9
Carbazole		0.776	0.883	0.845	0.821	0.817	0.828	4.7
Di-n-butylphthalate	0.831	0.873	0.972	0.972	0.949		0.919	7.0
Fluoranthene	0.950	0.997	1.082	1.146	1.131		1.061	8.0
Pyrene	1.040	1.087	1.167	1.225	1.180		1.140	6.6
Butylbenzylphthalate	0.318	0.334	0.377	0.419	0.428		0.375	13.0
3,3-Dichlorobenzidine		0.422	0.482	0.456	0.450	0.435	0.449	5.1
2,2-oxybis (1-Chloropropane)		1.294	1.331	1.358	1.327	1.258	1.314	2.9
Benzo (a) anthracene	1.121	1.197	1.276	1.268	1.244		1.221	5.2
Chrysene	1.092	1.114	1.218	1.174	1.148		1.149	4.3
Bis (2-ethylhexyl) phthalate	0.429	0.496	0.545	0.589	0.608		0.533	13.6
Di-n-octyl phthalate		0.660	0.770	0.851	0.851	0.924	0.811	12.4
Benzo (b) fluoranthene	0.988	1.052	1.205	1.151	1.171		1.113	8.1
Benzo (k) fluoranthene	0.992	1.041	1.139	1.174	1.133		1.096	7.0
Benzo (a) pyrene	0.901	0.958	1.055	1.060	1.057		1.006	7.2
Indeno (1,2,3-cd) pyrene	1.372	1.346	1.464	1.417	1.411		1.402	3.2
Dibenzo (a,h) anthracene	1.116	1.102	1.183	1.141	1.150		1.138	2.7
Benzo (g,h,i) perylene	1.043	1.011	1.101	1.082	1.088		1.065	3.5
Acetophenone		1.921	2.046	2.134	2.098	2.025	2.045	4.0
2,3,4,6-Tetrachlorophenol	0.388	0.406	0.447	0.462	0.463		0.433	7.9
1,4-Dioxane-d8	0.387	0.411	0.440	0.419	0.423		0.416	4.7
Pyridine-d5		1.130	1.255	1.272	1.289	1.235	1.236	5.1

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.: BP110924 SAS No.: BP110924 SDG No.: BP110924
Instrument ID: _____ Calibration Date(s): 11/8/2024 : _____
Calibration Time(s): 18:53 _____

LAB FILE ID:		RRFAL1 = BP022940.D			RRFAL2 = BP022941.D		RRFAL3 = BP022942.D	
		RRFAL4 = BP022943.D			RRFAL5 = BP022944.D		RRFAL6 = BP022945.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.311	1.446	1.513	1.567	1.556	1.479	7.1
Bis-(2-Chloroethyl)ether-d8		0.842	0.876	0.892	0.889	0.846	0.869	2.7
2-Chlorophenol-d4	0.941	1.050	1.095	1.151	1.179		1.083	8.7
4-Methylphenol-d8		1.078	1.167	1.274	1.285	1.280	1.217	7.5
Nitrobenzene-d5	0.121	0.133	0.145	0.148	0.148		0.139	8.5
2-Nitrophenol-d4	0.142	0.153	0.171	0.181	0.182		0.166	10.5
2,4-Dichlorophenol-d3	0.302	0.331	0.360	0.373	0.372		0.348	8.9
4-Chloroaniline-d4		0.371	0.420	0.425	0.429	0.428	0.415	5.9
4-Methylphenol		1.166	1.252	1.329	1.330	1.289	1.273	5.4
Dimethylphthalate-d6	1.325	1.430	1.482	1.511	1.460		1.441	5.0
Acenaphthylene-d8	1.326	1.449	1.579	1.571	1.596		1.504	7.7
4-Nitrophenol-d4		0.166	0.214	0.229	0.241	0.233	0.217	13.9
Fluorene-d10	1.179	1.247	1.303	1.299	1.291		1.264	4.1
4,6-Dinitro-2-methylphenol-		0.101	0.116	0.124	0.126	0.131	0.120	9.8
Anthracene-d10	0.773	0.805	0.917	0.882	0.857		0.847	6.8
Pyrene-d10	0.806	0.884	0.942	0.993	0.980		0.921	8.3
Benzo(a)pyrene-d12	0.839	0.881	1.016	1.012	1.016		0.953	9.0
N-Nitroso-di-n-propylamine	0.873	1.009	1.066	1.100	1.057		1.021	8.7

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.: BP112524 SAS No.: BP112524 SDG NO.: BP112524

EPA Sample No.: SSTD020630 Date Analyzed: Nov 25 2024 12:00AM

Lab File ID: BP022942.D Time Analyzed: 12:18

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	53999	7.599	205623	10.35	171199	14.22
UPPER LIMIT	107998	8.099	411246	10.851	342398	14.722
LOWER LIMIT	26999.5	7.099	102811.5	9.851	85599.5	13.722
EPA SAMPLE NO.						
01 SBLK168	68607	7.55	263744	10.29	218141	14.16
02 SBLK173	60870	7.56	235394	10.30	187585	14.18
03 SBLK149	49704	7.56	189526	10.30	155266	14.16
04 MDL-WATER-QT4-2024-08	59501	7.56	229648	10.31	189046	14.16
05 MDL-SOIL-QT4-2024-08	67172	7.56	260856	10.31	212495	14.18
06 MDL-MED-SOIL-QT4-2024-08	81417	7.56	302870	10.30	235212	14.17

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.: BP112524 SAS No.: BP112524 SDG NO.: BP112524

EPA Sample No.: SSTD020738 Date Analyzed: Nov 25 2024 12:00AM

Lab File ID: BP023311.D Time Analyzed: 12:18

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	82241	7.557	329510	10.30	264487	14.17
UPPER LIMIT	164482	8.057	659020	10.798	528974	14.669
LOWER LIMIT	41120.5	7.057	164755	9.798	132243.5	13.669
EPA SAMPLE NO.						
01 SBLK168	68607	7.55	263744	10.29	218141	14.16
02 SBLK173	60870	7.56	235394	10.30	187585	14.18
03 SBLK149	49704	7.56	189526	10.30	155266	14.16
04 MDL-WATER-QT4-2024-08	59501	7.56	229648	10.31	189046	14.16
05 MDL-SOIL-QT4-2024-08	67172	7.56	260856	10.31	212495	14.18
06 MDL-MED-SOIL-QT4-2024-08	81417	7.56	302870	10.30	235212	14.17

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.: BP112524 SAS No.: BP112524 SDG NO.: BP112524

EPA Sample No.: SSTD020630 Date Analyzed: Nov 25 2024 12:00AM

Lab File ID: BP022942.D Time Analyzed: 12:18

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	436257	17.033	540002	21.457	665185	24.68
UPPER LIMIT	872514	17.533	1080004	21.957	1330370	25.18
LOWER LIMIT	218128.5	16.533	270001	20.957	332592.5	24.18
EPA SAMPLE NO.						
01 SBLK168	566401	16.98	657443	21.41	722144	24.61
02 SBLK173	475581	16.99	569421	21.41	723738	24.59
03 SBLK149	406062	16.97	488885	21.40	573064	24.60
04 MDL-WATER-QT4-2024-08	500532	16.98	609936	21.40	747785	24.59
05 MDL-SOIL-QT4-2024-08	551033	16.98	664249	21.41	768579	24.61
06 MDL-MED-SOIL-QT4-2024-08	598875	16.97	717424	21.40	820405	24.59

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.: BP112524 SAS No.: BP112524 SDG NO.: BP112524

EPA Sample No.: SSTD020738 Date Analyzed: Nov 25 2024 12:00AM

Lab File ID: BP023311.D Time Analyzed: 12:18

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	671659	16.974	821981	21.404	984551	24.592
UPPER LIMIT	1343318	17.474	1643962	21.904	1969102	25.092
LOWER LIMIT	335829.5	16.474	410990.5	20.904	492275.5	24.092
EPA SAMPLE NO.						
01 SBLK168	566401	16.98	657443	21.41	722144	24.61
02 SBLK173	475581	16.99	569421	21.41	723738	24.59
03 SBLK149	406062	16.97	488885	21.40	573064	24.60
04 MDL-WATER-QT4-2024-08	500532	16.98	609936	21.40	747785	24.59
05 MDL-SOIL-QT4-2024-08	551033	16.98	664249	21.41	768579	24.61
06 MDL-MED-SOIL-QT4-2024-08	598875	16.97	717424	21.40	820405	24.59

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK149

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP112524

SAS No.: BP112524 SDG NO.: BP112524

Lab File ID: BP023314.D

Lab Sample ID: PB165149BL

Instrument ID: BNA_P

Date Extracted: 11/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/25/2024

Level: (low/med) MED

Time Analyzed: 13:39

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-MED-SOIL-QT4-2024-08	P4776-06	BP023317.D	11/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK168

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP112524

SAS No.: BP112524 SDG NO.: BP112524

Lab File ID: BP023312.D

Lab Sample ID: PB165168BL

Instrument ID: BNA_P

Date Extracted: 11/21/2024

Matrix: (soil/water) Water

Date Analyzed: 11/25/2024

Level: (low/med) LOW

Time Analyzed: 12:18

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT4-2024-08	P4776-02	BP023315.D	11/25/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK173

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP112524

SAS No.: BP112524 SDG NO.: BP112524

Lab File ID: BP023313.D

Lab Sample ID: PB165173BL

Instrument ID: BNA_P

Date Extracted: 11/21/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/25/2024

Level: (low/med) LOW

Time Analyzed: 12:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-QT4-2024-08	P4776-04	BP023316.D	11/25/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BP112524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4776-06	MDL-MED-SOIL-(BP023317.D		1,4-Dioxane-d8	8	3.97	50		15	120
			Pyridine-d5	40	12.11	30		20	120
			Phenol-d5	40	11.44	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.13	35		10	150
			2-Chlorophenol-d4	40	12.80	32		15	120
			4-Methylphenol-d8	40	11.03	28		10	140
			Nitrobenzene-d5	40	13.10	33		10	135
			2-Nitrophenol-d4	40	12.45	31		10	120
			2,4-Dichlorophenol-d3	40	11.64	29		10	140
			4-Chloroaniline-d4	40	11.31	28		1	145
			Dimethylphthalate-d6	40	13.60	34		10	145
			Acenaphthylene-d8	40	13.51	34		15	120
			4-Nitrophenol-d4	40	12.57	31		10	150
			Fluorene-d10	40	13.47	34		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.75	27		10	130
			Anthracene-d10	40	12.93	32		10	150
			Pyrene-d10	40	13.80	34		10	130
			Benzo(a)pyrene-d12	40	13.76	34		10	140
PB165149BL	PB165149BL	BP023314.D	1,4-Dioxane-d8	8	9.19	115		15	120
			Pyridine-d5	40	35.71	89		20	120
			Phenol-d5	40	34.09	85		10	130
			Bis(2-Chloroethyl)ether-d8	40	39.34	98		10	150
			2-Chlorophenol-d4	40	35.37	88		15	120
			4-Methylphenol-d8	40	34.44	86		10	140
			Nitrobenzene-d5	40	37.07	93		10	135
			2-Nitrophenol-d4	40	36.26	91		10	120
			2,4-Dichlorophenol-d3	40	32.56	81		10	140
			4-Chloroaniline-d4	40	31.41	79		1	145
			Dimethylphthalate-d6	40	41.24	103		10	145
			Acenaphthylene-d8	40	38.35	96		15	120
			4-Nitrophenol-d4	40	32.78	82		10	150
			Fluorene-d10	40	39.16	98		20	140
			4,6-Dinitro-2-methylphenol-d2	40	33.36	83		10	130
			Anthracene-d10	40	39.44	99		10	150
			Pyrene-d10	40	41.42	104		10	130
			Benzo(a)pyrene-d12	40	40.13	100		10	140

Surrogate Summary

SW-846

SDG No.: BP112524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4776-02	MDL-WATER-QT4BP023315.D		1,4-Dioxane-d8	8	4.23	53		15	120
			Pyridine-d5	40	12.15	30		20	120
			Phenol-d5	40	11.95	30		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.12	35		25	120
			2-Chlorophenol-d4	40	12.53	31		20	130
			4-Methylphenol-d8	40	11.61	29		25	125
			Nitrobenzene-d5	40	12.56	31		20	125
			2-Nitrophenol-d4	40	12.37	31		20	130
			2,4-Dichlorophenol-d3	40	12.28	31		20	120
			4-Chloroaniline-d4	40	10.86	27		1	146
			Dimethylphthalate-d6	40	13.96	35		25	130
			Acenaphthylene-d8	40	13.35	33		10	130
			4-Nitrophenol-d4	40	12.92	32		10	150
			Fluorene-d10	40	13.98	35		25	125
			4,6-Dinitro-2-methylphenol-d2	40	10.51	26		10	130
			Anthracene-d10	40	13.30	33		25	130
			Pyrene-d10	40	13.82	35		15	130
			Benzo(a)pyrene-d12	40	13.68	34		20	130
PB165168BL	PB165168BL	BP023312.D	1,4-Dioxane-d8	8	6.68	83		15	120
			Pyridine-d5	40	28.90	72		20	120
			Phenol-d5	40	27.67	69		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.03	80		25	120
			2-Chlorophenol-d4	40	28.84	72		20	130
			4-Methylphenol-d8	40	27.01	68		25	125
			Nitrobenzene-d5	40	29.34	73		20	125
			2-Nitrophenol-d4	40	30.23	76		20	130
			2,4-Dichlorophenol-d3	40	26.32	66		20	120
			4-Chloroaniline-d4	40	26.94	67		1	146
			Dimethylphthalate-d6	40	32.73	82		25	130
			Acenaphthylene-d8	40	30.92	77		10	130
			4-Nitrophenol-d4	40	25.31	63		10	150
			Fluorene-d10	40	32.07	80		25	125
			4,6-Dinitro-2-methylphenol-d2	40	23.62	59		10	130
			Anthracene-d10	40	31.36	78		25	130
			Pyrene-d10	40	33.49	84		15	130
			Benzo(a)pyrene-d12	40	33.44	84		20	130

Surrogate Summary

SW-846

SDG No.: BP112524

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4776-04	MDL-SOIL-QT4-2(BP023316.D		1,4-Dioxane-d8	8	4.27	53		15	120
			Pyridine-d5	40	11.96	30		20	120
			Phenol-d5	40	11.48	29		10	130
			Bis(2-Chloroethyl)ether-d8	40	13.83	35		10	150
			2-Chlorophenol-d4	40	12.33	31		15	120
			4-Methylphenol-d8	40	11.47	29		10	140
			Nitrobenzene-d5	40	12.21	31		10	135
			2-Nitrophenol-d4	40	12.58	31		10	120
			2,4-Dichlorophenol-d3	40	11.90	30		10	140
			4-Chloroaniline-d4	40	11.39	28		1	145
			Dimethylphthalate-d6	40	13.61	34		10	145
			Acenaphthylene-d8	40	13.79	34		15	120
			4-Nitrophenol-d4	40	11.90	30		10	150
			Fluorene-d10	40	13.67	34		20	140
			4,6-Dinitro-2-methylphenol-d2	40	10.04	25		10	130
			Anthracene-d10	40	13.63	34		10	150
			Pyrene-d10	40	13.75	34		10	130
			Benzo(a)pyrene-d12	40	14.08	35		10	140
PB165173BL	PB165173BL	BP023313.D	Pyridine-d5	40	35.72	89		20	120
			1,4-Dioxane-d8	8	8.66	108		15	120
			Phenol-d5	40	34.64	87		10	130
			Bis(2-Chloroethyl)ether-d8	40	39.81	100		10	150
			2-Chlorophenol-d4	40	36.34	91		15	120
			4-Methylphenol-d8	40	35.65	89		10	140
			Nitrobenzene-d5	40	36.13	90		10	135
			2-Nitrophenol-d4	40	37.12	93		10	120
			2,4-Dichlorophenol-d3	40	31.95	80		10	140
			4-Chloroaniline-d4	40	32.25	81		1	145
			Dimethylphthalate-d6	40	40.54	101		10	145
			Acenaphthylene-d8	40	38.88	97		15	120
			4-Nitrophenol-d4	40	35.01	88		10	150
			Fluorene-d10	40	38.65	97		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.18	70		10	130
			Anthracene-d10	40	40.13	100		10	150
			Pyrene-d10	40	41.48	104		10	130
			Benzo(a)pyrene-d12	40	37.89	95		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP112524

Lab Code: CHEM

SAS No.: BP112524

SDG NO.: BP112524

Lab File ID: BP023310.D

DFTPP Injection Date: 11/25/2024

Instrument ID: BNA_P

DFTPP Injection Time: 10:54

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25.4
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	30
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	36.4
197	Less than 2.0% of mass 198	0.6
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	34
365	Greater than 1% of mass 198	4.6
441	Present, but less than mass 443	14.1
442	Greater than 50% of mass 198	92.2
443	15.0 - 24.0% of mass 442	17.8 (19.3) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020738	SSTDCCC020	BP023311.D	11/25/2024	11:35
SBLK168	PB165168BL	BP023312.D	11/25/2024	12:18
SBLK173	PB165173BL	BP023313.D	11/25/2024	12:58
SBLK149	PB165149BL	BP023314.D	11/25/2024	13:39
MDL-WATER-QT4-2024-08	P4776-02	BP023315.D	11/25/2024	14:19
MDL-SOIL-QT4-2024-08	P4776-04	BP023316.D	11/25/2024	15:00
MDL-MED-SOIL-QT4-2024-08	P4776-06	BP023317.D	11/25/2024	15:40
SSTD020739	SSTDCCC020EC	BP023318.D	11/25/2024	16:24