

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP112224 SAS No.: BP112224 SDG No.: BP112224

Instrument ID: BNA_P Calibration Date/Time: 11/22/2024 : 10:39

Lab File ID: BP023297.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020736 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	0.527	0.010	9.5501	40.0
Benzaldehyde	0.851	1.063	0.010	24.9759	40.0
Pyridine	1.241	1.338	0.010	7.8	40.0
Phenol	1.544	1.581	0.080	2.3715	20.0
Bis(2-Chloroethyl)ether	1.160	1.237	0.100	6.5683	20.0
2-Chlorophenol	1.124	1.183	0.200	5.2273	20.0
2-Methylphenol	1.153	1.181	0.010	2.4994	20.0
2,2-oxybis(1-Chloropropane)	1.314	1.524	0.010	15.9911	40.0
Acetophenone	2.045	2.046	0.060	0.0506	20.0
4-Methylphenol	1.273	1.277	0.010	0.2789	20.0
N-Nitroso-di-n-propylamine	1.021	1.113	0.050	9.0144	30.0
Hexachloroethane	0.544	0.573	0.100	5.3141	20.0
Nitrobenzene	0.400	0.449	0.050	12.4067	25.0
Isophorone	0.714	0.792	0.050	10.8346	25.0
2-Nitrophenol	0.175	0.187	0.050	6.672	25.0
2,4-Dimethylphenol	0.378	0.407	0.050	7.6869	25.0
Bis(2-Chloroethoxy)methane	0.393	0.443	0.050	12.603	20.0
2,4-Dichlorophenol	0.344	0.367	0.060	6.5789	20.0
Naphthalene	0.972	1.019	0.200	4.8665	20.0
4-Chloroaniline	0.402	0.402	0.010	-0.036	40.0
Hexachlorobutadiene	0.312	0.321	0.040	3.1685	30.0
Caprolactam	0.102	0.104	0.010	1.7232	40.0
4-Chloro-3-methylphenol	0.370	0.385	0.040	3.9847	25.0
1-Methylnaphthalene	0.750	0.782	0.100	4.3114	20.0
2-Methylnaphthalene	0.734	0.768	0.100	4.7017	20.0
Hexachlorocyclopentadiene	0.355	0.281	0.010	-20.9029	40.0
2,4,6-Trichlorophenol	0.411	0.442	0.090	7.3888	25.0
2,4,5-Trichlorophenol	0.443	0.466	0.100	5.2161	25.0
1,1-Biphenyl	1.282	1.371	0.200	7.0148	20.0
2-Chloronaphthalene	1.048	1.105	0.300	5.4584	20.0
2-Nitroaniline	0.294	0.342	0.050	16.1379	40.0
Dimethylphthalate	1.422	1.471	0.300	3.5102	20.0
2,6-Dinitrotoluene	0.277	0.283	0.080	2.4313	30.0
Acenaphthylene	1.520	1.647	0.400	8.3011	20.0
3-Nitroaniline	0.238	0.263	0.010	10.2399	40.0
Acenaphthene	1.104	1.210	0.200	9.5879	20.0
2,4-Dinitrophenol	0.196	0.124	0.010	-36.9132	40.0
4-Nitrophenol	0.253	0.268	0.010	5.5863	40.0
Dibenzofuran	1.705	1.814	0.300	6.3689	20.0

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Lab File ID: BP023297.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020736 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	0.457	0.070	3.6106	30.0
Diethylphthalate	1.406	1.489	0.300	5.9013	20.0
Fluorene	1.396	1.482	0.200	6.1857	20.0
4-Chlorophenyl-phenylether	0.822	0.867	0.100	5.5143	20.0
4-Nitroaniline	0.222	0.248	0.010	11.8115	40.0
4,6-Dinitro-2-methylphenol	0.128	0.106	0.010	-17.4108	40.0
N-Nitrosodiphenylamine	0.462	0.508	0.050	9.8755	20.0
1,2,4,5-Tetrachlorobenzene	0.675	0.707	0.100	4.7396	20.0
4-Bromophenyl-phenylether	0.226	0.236	0.070	4.3734	20.0
Hexachlorobenzene	0.285	0.291	0.050	1.973	25.0
Atrazine	0.223	0.232	0.010	3.6873	25.0
Pentachlorophenol	0.177	0.166	0.010	-6.4326	40.0
Phenanthrene	0.944	1.007	0.200	6.6508	20.0
Pentachlorobenzene	0.302	0.314	0.050	4.1055	20.0
Anthracene	0.949	1.019	0.200	7.3139	20.0
1,2,3,4-Tetrachlorobenzene	0.264	0.272	0.050	3.0947	20.0
Carbazole	0.828	0.886	0.050	6.9954	40.0
Di-n-butylphthalate	0.919	1.064	0.500	15.7612	25.0
Fluoranthene	1.061	1.123	0.400	5.8255	25.0
Pyrene	1.140	1.191	0.400	4.4964	25.0
Butylbenzylphthalate	0.375	0.429	0.100	14.2215	40.0
3,3-Dichlorobenzidine	0.449	0.458	0.010	1.9602	40.0
Benzo (a) anthracene	1.221	1.344	0.300	10.0781	30.0
Chrysene	1.149	1.231	0.200	7.1006	30.0
Bis(2-ethylhexyl)phthalate	0.533	0.603	0.200	12.9906	40.0
Di-n-octyl phthalate	0.811	0.865	0.010	6.6266	40.0
Benzo (b) fluoranthene	1.113	1.181	0.200	6.0978	25.0
Benzo (k) fluoranthene	1.096	1.202	0.200	9.7092	25.0
Benzo (a) pyrene	1.006	1.094	0.200	8.7332	20.0
Indeno (1,2,3-cd) pyrene	1.402	1.465	0.200	4.4661	25.0
Dibenzo (a,h) anthracene	1.138	1.156	0.200	1.5094	30.0
Benzo (g,h,i) perylene	1.065	1.107	0.200	3.9751	30.0
2,3,4,6-Tetrachlorophenol	0.433	0.464	0.040	7.1188	20.0
1,4-Dioxane-d8	0.416	0.490	0.010	17.6478	25.0
Pyridine-d5	1.236	1.291	0.010	4.4666	40.0
Phenol-d5	1.479	1.513	0.010	2.3504	25.0
Bis- (2-Chloroethyl) ether-d8	0.869	0.942	0.050	8.4198	25.0
2-Chlorophenol-d4	1.083	1.127	0.200	4.0709	20.0
4-Methylphenol-d8	1.217	1.205	0.010	-1.009	20.0

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Instrument ID: BNA_P Calibration Date/Time: 11/22/2024 : 10:39

Lab File ID: BP023297.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020736 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	4.3419	20.0
2-Nitrophenol-d4	0.166	0.173	0.050	4.0647	30.0
2,4-Dichlorophenol-d3	0.348	0.363	0.060	4.4899	20.0
4-Chloroaniline-d4	0.415	0.409	0.010	-1.3302	40.0
Dimethylphthalate-d6	1.441	1.499	0.300	4.0129	20.0
Acenaphthylene-d8	1.504	1.599	0.400	6.2949	20.0
4-Nitrophenol-d4	0.217	0.140	0.010	-35.2732	40.0
Fluorene-d10	1.264	1.356	0.100	7.3337	20.0
4,6-Dinitro-2-methylphenol-d2	0.120	0.098	0.010	-18.3261	40.0
Anthracene-d10	0.847	0.908	0.300	7.1946	20.0
Pyrene-d10	0.921	0.977	0.300	6.034	25.0
Benzo(a)pyrene-d12	0.953	1.025	0.010	7.5807	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.: BP112224 SAS No.: BP112224 SDG No.: BP112224

Instrument ID: BNA_P Calibration Date/Time: 11/22/2024 : 18:45

Lab File ID: BP023309.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020737 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	0.525	0.010	9.2997	50.0
Benzaldehyde	0.851	1.103	0.010	29.6247	50.0
Pyridine	1.241	1.376	0.010	10.7965	50.0
Phenol	1.544	1.630	0.080	5.5926	50.0
Bis(2-Chloroethyl)ether	1.160	1.296	0.100	11.7184	50.0
2-Chlorophenol	1.124	1.192	0.200	6.0251	50.0
2-Methylphenol	1.153	1.191	0.010	3.354	50.0
2,2-oxybis(1-Chloropropane)	1.314	1.569	0.010	19.4559	50.0
Acetophenone	2.045	2.112	0.060	3.2833	50.0
4-Methylphenol	1.273	1.307	0.010	2.6502	50.0
N-Nitroso-di-n-propylamine	1.021	1.140	0.050	11.6383	50.0
Hexachloroethane	0.544	0.564	0.100	3.755	50.0
Nitrobenzene	0.400	0.452	0.050	13.1028	50.0
Isophorone	0.714	0.774	0.050	8.4118	50.0
2-Nitrophenol	0.175	0.181	0.050	3.3564	50.0
2,4-Dimethylphenol	0.378	0.406	0.050	7.2585	50.0
Bis(2-Chloroethoxy)methane	0.393	0.433	0.050	10.2509	50.0
2,4-Dichlorophenol	0.344	0.350	0.060	1.5825	50.0
Naphthalene	0.972	1.010	0.200	3.9259	50.0
4-Chloroaniline	0.402	0.402	0.010	0.1548	50.0
Hexachlorobutadiene	0.312	0.306	0.040	-1.6279	50.0
Caprolactam	0.102	0.108	0.010	5.53	50.0
4-Chloro-3-methylphenol	0.370	0.391	0.040	5.4418	50.0
1-Methylnaphthalene	0.750	0.763	0.100	1.7955	50.0
2-Methylnaphthalene	0.734	0.746	0.100	1.7037	50.0
Hexachlorocyclopentadiene	0.355	0.257	0.010	-27.5198	50.0
2,4,6-Trichlorophenol	0.411	0.419	0.090	1.9653	50.0
2,4,5-Trichlorophenol	0.443	0.454	0.100	2.4751	50.0
1,1-Biphenyl	1.282	1.365	0.200	6.5165	50.0
2-Chloronaphthalene	1.048	1.116	0.300	6.5205	50.0
2-Nitroaniline	0.294	0.350	0.050	18.9638	50.0
Dimethylphthalate	1.422	1.509	0.300	6.1363	50.0
2,6-Dinitrotoluene	0.277	0.288	0.080	4.2718	50.0
Acenaphthylene	1.520	1.665	0.400	9.5303	50.0
3-Nitroaniline	0.238	0.265	0.010	11.27	50.0
Acenaphthene	1.104	1.207	0.200	9.3387	50.0
2,4-Dinitrophenol	0.196	0.160	0.010	-18.6542	50.0
4-Nitrophenol	0.253	0.208	0.010	-17.9823	50.0
Dibenzofuran	1.705	1.857	0.300	8.9006	50.0

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Lab File ID: BP023309.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020737 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	0.490	0.070	11.0898	50.0
Diethylphthalate	1.406	1.507	0.300	7.1872	50.0
Fluorene	1.396	1.493	0.200	6.9925	50.0
4-Chlorophenyl-phenylether	0.822	0.843	0.100	2.5236	50.0
4-Nitroaniline	0.222	0.274	0.010	23.6368	50.0
4,6-Dinitro-2-methylphenol	0.128	0.114	0.010	-10.873	50.0
N-Nitrosodiphenylamine	0.462	0.491	0.050	6.1657	50.0
1,2,4,5-Tetrachlorobenzene	0.675	0.701	0.100	3.8012	50.0
4-Bromophenyl-phenylether	0.226	0.222	0.070	-2.0807	50.0
Hexachlorobenzene	0.285	0.276	0.050	-3.2501	50.0
Atrazine	0.223	0.225	0.010	0.8755	50.0
Pentachlorophenol	0.177	0.153	0.010	-13.4638	50.0
Phenanthrene	0.944	1.036	0.200	9.6975	50.0
Pentachlorobenzene	0.302	0.289	0.050	-4.226	50.0
Anthracene	0.949	1.038	0.200	9.3446	50.0
1,2,3,4-Tetrachlorobenzene	0.264	0.252	0.050	-4.7506	50.0
Carbazole	0.828	0.930	0.050	12.2495	50.0
Di-n-butylphthalate	0.919	0.976	0.500	6.186	50.0
Fluoranthene	1.061	1.068	0.400	0.6443	50.0
Pyrene	1.140	1.156	0.400	1.3713	50.0
Butylbenzylphthalate	0.375	0.372	0.100	-0.8928	50.0
3,3-Dichlorobenzidine	0.449	0.458	0.010	2.1172	50.0
Benzo (a) anthracene	1.221	1.322	0.300	8.2247	50.0
Chrysene	1.149	1.263	0.200	9.9393	50.0
Bis(2-ethylhexyl)phthalate	0.533	0.533	0.200	-0.1373	50.0
Di-n-octyl phthalate	0.811	0.749	0.010	-7.7259	50.0
Benzo (b) fluoranthene	1.113	1.171	0.200	5.223	50.0
Benzo (k) fluoranthene	1.096	1.149	0.200	4.8598	50.0
Benzo (a) pyrene	1.006	1.078	0.200	7.1263	50.0
Indeno (1,2,3-cd) pyrene	1.402	1.458	0.200	4.0028	50.0
Dibenzo (a,h) anthracene	1.138	1.161	0.200	2.0048	50.0
Benzo (g,h,i) perylene	1.065	1.111	0.200	4.3611	50.0
2,3,4,6-Tetrachlorophenol	0.433	0.467	0.040	7.8989	50.0
1,4-Dioxane-d8	0.416	0.480	0.010	15.3938	50.0
Pyridine-d5	1.236	1.318	0.010	6.622	50.0
Phenol-d5	1.479	1.525	0.010	3.157	50.0
Bis- (2-Chloroethyl) ether-d8	0.869	0.971	0.050	11.7507	50.0
2-Chlorophenol-d4	1.083	1.131	0.200	4.4286	50.0
4-Methylphenol-d8	1.217	1.221	0.010	0.3777	50.0

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Lab File ID: BP023309.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020737 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.139	0.146	0.050	4.6011	50.0
2-Nitrophenol-d4	0.166	0.163	0.050	-1.6573	50.0
2,4-Dichlorophenol-d3	0.348	0.350	0.060	0.6188	50.0
4-Chloroaniline-d4	0.415	0.410	0.010	-1.1692	50.0
Dimethylphthalate-d6	1.441	1.533	0.300	6.3443	50.0
Acenaphthylene-d8	1.504	1.612	0.400	7.2019	50.0
4-Nitrophenol-d4	0.217	0.174	0.010	-19.4494	50.0
Fluorene-d10	1.264	1.408	0.100	11.4013	50.0
4,6-Dinitro-2-methylphenol-d2	0.120	0.105	0.010	-12.5152	50.0
Anthracene-d10	0.847	0.910	0.300	7.4751	50.0
Pyrene-d10	0.921	0.940	0.300	2.0434	50.0
Benzo(a)pyrene-d12	0.953	1.003	0.010	5.2895	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.:	BP112224
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
BP023298.D	1	11/21/2024 12:00:00 AM	11/22/2024 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.:	BP112224
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
BP023298.D	1	11/21/2024 12:00:00 AM	11/22/2024 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.:	BP112224
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
BP023298.D	1	11/21/2024 12:00:00 AM	11/22/2024 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	7.268		15-120		91	SPK: -8
7291-22-7	Pyridine-d5	29.977		20-120		75	SPK: -40
4165-62-2	Phenol-d5	30.638		10-130		77	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.809		25-120		82	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.703		20-130		79	SPK: -40
190780-66-6	4-Methylphenol-d8	28.996		25-125		72	SPK: -40
4165-60-0	Nitrobenzene-d5	31.467		20-125		79	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.289		20-130		78	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.074		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	27.684		1-146		69	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.644		25-130		77	SPK: -40
93951-97-4	Acenaphthylene-d8	31.345		10-130		78	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.697		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	30.209		25-125		76	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.:	BP112224
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
BP023298.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.895		10-130		47	SPK: -40
1719-06-8	Anthracene-d10	32.512		25-130		81	SPK: -40
1718-52-1	Pyrene-d10	33.12		15-130		83	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	34.076		20-130		85	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80439	7.558				
1146-65-2	Naphthalene-d8	292968	10.304				
15067-26-2	Acenaphthene-d10	210520	14.187				
1517-22-2	Phenanthrene-d10	486849	16.992				
1719-03-5	Chrysene-d12	561785	21.445				
1520-96-3	Perylene-d12	715935	24.668				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	BG439	SDG No.:	BP112224
Lab Sample ID:	P4930-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023299.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.5		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:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	BG439	SDG No.:	BP112224
Lab Sample ID:	P4930-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023299.D	1	11/21/2024 12:00:00 AM	11/22/2024 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:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	BG439	SDG No.:	BP112224
Lab Sample ID:	P4930-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023299.D	1	11/21/2024 12:00:00 AM	11/22/2024 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	6.501		15-120		81	SPK: -8
7291-22-7	Pyridine-d5	5.723	*	20-120		14	SPK: -40
4165-62-2	Phenol-d5	9.166		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.125		25-120		93	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.151		20-130		75	SPK: -40
190780-66-6	4-Methylphenol-d8	21.202		25-125		53	SPK: -40
4165-60-0	Nitrobenzene-d5	36.467		20-125		91	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.339		20-130		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.427		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.416		1-146		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.054		25-130		98	SPK: -40
93951-97-4	Acenaphthylene-d8	35.61		10-130		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.885		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	37.63		25-125		94	SPK: -40

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	BG439	SDG No.:	BP112224
Lab Sample ID:	P4930-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023299.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.934		10-130		80	SPK: -40
1719-06-8	Anthracene-d10	42.537		25-130		106	SPK: -40
1718-52-1	Pyrene-d10	43.638		15-130		109	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.278		20-130		108	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80257	7.563				
1146-65-2	Naphthalene-d8	289575	10.31				
15067-26-2	Acenaphthene-d10	216330	14.186				
1517-22-2	Phenanthrene-d10	515826	16.986				
1719-03-5	Chrysene-d12	610060	21.439				
1520-96-3	Perylene-d12	783886	24.662				
TENTATIVE IDENTIFIED COMPOUNDS							
000057-10-3	n-Hexadecanoic acid	4.2	J			17.933	
007683-64-9	Supraene	2.5	J			23.151	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	BG440	SDG No.:	BP112224
Lab Sample ID:	P4930-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023300.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.1		0.35	0.51	2	ug/L
100-52-7	Benzaldehyde	1.1	U	1.1	5.1	10	ug/L
110-86-1	Pyridine	1.7	U	1.7	10.1	10	ug/L
108-95-2	Phenol	1.6	U	1.6	5.1	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.4	U	1.4	5.1	10	ug/L
95-57-8	2-Chlorophenol	0.92	U	0.92	2.5	5.1	ug/L
95-48-7	2-Methylphenol	1.5	U	1.5	5.1	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.9	U	1.9	5.1	10	ug/L
98-86-2	Acetophenone	1.5	U	1.5	5.1	10	ug/L
106-44-5	4-Methylphenol	1.7	U	1.7	5.1	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.9	U	1.9	2.5	5.1	ug/L
67-72-1	Hexachloroethane	1.1	U	1.1	2.5	5.1	ug/L
98-95-3	Nitrobenzene	1.4	U	1.4	2.5	5.1	ug/L
78-59-1	Isophorone	1.7	U	1.7	2.5	5.1	ug/L
88-75-5	2-Nitrophenol	1.2	U	1.2	2.5	5.1	ug/L
105-67-9	2,4-Dimethylphenol	0.7	U	0.7	2.5	5.1	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.5	U	1.5	2.5	5.1	ug/L
120-83-2	2,4-Dichlorophenol	1.1	U	1.1	2.5	5.1	ug/L
91-20-3	Naphthalene	0.95	U	0.95	2.5	5.1	ug/L
106-47-8	4-Chloroaniline	0.95	U	0.95	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.5	U	1.5	2.5	5.1	ug/L
105-60-2	Caprolactam	2.6	U	2.6	5.1	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.6	U	1.6	2.5	5.1	ug/L
90-12-0	1-Methylnaphthalene	0.92	U	0.92	2.5	5.1	ug/L
91-57-6	2-Methylnaphthalene	1.1	U	1.1	2.5	5.1	ug/L
77-47-4	Hexachlorocyclopentadiene	3.1	U	3.1	5.1	10	ug/L
88-06-2	2,4,6-Trichlorophenol	2	U	2	2.5	5.1	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	2.5	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	BG440	SDG No.:	BP112224
Lab Sample ID:	P4930-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023300.D	1	11/21/2024 12:00:00 AM	11/22/2024 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	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.97	U	0.97	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
86-73-7	Fluorene	0.95	U	0.95	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	0.84	U	0.84	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	BG440	SDG No.:	BP112224
Lab Sample ID:	P4930-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023300.D	1	11/21/2024 12:00:00 AM	11/22/2024 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	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.029		15-120		75	SPK: -8
7291-22-7	Pyridine-d5	4.295	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	8.778		10-130		22	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.881		25-120		92	SPK: -40
93951-73-6	2-Chlorophenol-d4	31.026		20-130		78	SPK: -40
190780-66-6	4-Methylphenol-d8	20.427		25-125		51	SPK: -40
4165-60-0	Nitrobenzene-d5	35.638		20-125		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	35.802		20-130		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.545		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.647		1-146		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.443		25-130		99	SPK: -40
93951-97-4	Acenaphthylene-d8	36.91		10-130		92	SPK: -40
93951-79-2	4-Nitrophenol-d4	7.44		10-150		19	SPK: -40
81103-79-9	Fluorene-d10	37.793		25-125		94	SPK: -40

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	BG440	SDG No.:	BP112224
Lab Sample ID:	P4930-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023300.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	30.093		10-130		75	SPK: -40
1719-06-8	Anthracene-d10	41.961		25-130		105	SPK: -40
1718-52-1	Pyrene-d10	44.048		15-130		110	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	44.109		20-130		110	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78448	7.563				
1146-65-2	Naphthalene-d8	288488	10.31				
15067-26-2	Acenaphthene-d10	216294	14.181				
1517-22-2	Phenanthrene-d10	531785	16.998				
1719-03-5	Chrysene-d12	596732	21.439				
1520-96-3	Perylene-d12	736550	24.662				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	BG441	SDG No.:	BP112224
Lab Sample ID:	P4930-03	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
BP023301.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	2.4		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:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	BG441	SDG No.:	BP112224
Lab Sample ID:	P4930-03	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
BP023301.D	1	11/21/2024 12:00:00 AM	11/22/2024 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:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	BG441	SDG No.:	BP112224
Lab Sample ID:	P4930-03	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
BP023301.D	1	11/21/2024 12:00:00 AM	11/22/2024 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	5.953		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	4.454	*	20-120		11	SPK: -40
4165-62-2	Phenol-d5	9.229		10-130		23	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.657		25-120		94	SPK: -40
93951-73-6	2-Chlorophenol-d4	30.961		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	21.77		25-125		54	SPK: -40
4165-60-0	Nitrobenzene-d5	37.143		20-125		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.667		20-130		92	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.479		20-120		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.701		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	40.167		25-130		100	SPK: -40
93951-97-4	Acenaphthylene-d8	37.085		10-130		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	8.063		10-150		20	SPK: -40
81103-79-9	Fluorene-d10	38.689		25-125		97	SPK: -40

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	BG441	SDG No.:	BP112224
Lab Sample ID:	P4930-03	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
BP023301.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.28		10-130		78	SPK: -40
1719-06-8	Anthracene-d10	41.233		25-130		103	SPK: -40
1718-52-1	Pyrene-d10	44.828		15-130		112	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	43.412		20-130		109	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84251	7.563				
1146-65-2	Naphthalene-d8	309418	10.304				
15067-26-2	Acenaphthene-d10	234876	14.187				
1517-22-2	Phenanthrene-d10	571857	16.992				
1719-03-5	Chrysene-d12	644957	21.445				
1520-96-3	Perylene-d12	782960	24.68				
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:	SLCS168	SDG No.:	BP112224
Lab Sample ID:	PB165168BS	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
BP023302.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	24		1.1	5	10	ug/L
110-86-1	Pyridine	33		1.7	10	10	ug/L
108-95-2	Phenol	34		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	35		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	34		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	33		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	37		1.9	5	10	ug/L
98-86-2	Acetophenone	32		1.5	5	10	ug/L
106-44-5	4-Methylphenol	32		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	35		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	34		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	36		1.4	2.5	5	ug/L
78-59-1	Isophorone	37		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	35		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	29		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	37		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	35		1.1	2.5	5	ug/L
91-20-3	Naphthalene	34		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	24		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	33		1.5	2.5	5	ug/L
105-60-2	Caprolactam	36		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	36		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	33		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	34		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	25		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	33		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	34		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:	SLCS168	SDG No.:	BP112224
Lab Sample ID:	PB165168BS	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
BP023302.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	35		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	35		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	40		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	35		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	37		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	36		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	37		1.6	5	10	ug/L
83-32-9	Acenaphthene	35		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	28		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	32		1.4	5	10	ug/L
132-64-9	Dibenzofuran	35		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	37		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	36		1.3	2.5	5	ug/L
86-73-7	Fluorene	35		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	35		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	42		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	32		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	36		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	34		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	34		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	34		1.2	2.5	5	ug/L
1912-24-9	Atrazine	13		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	27		1.9	5	10	ug/L
85-01-8	Phenanthrene	36		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	33		1.7	2.5	5	ug/L
120-12-7	Anthracene	35		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	34		1.7	2.5	5	ug/L
86-74-8	Carbazole	36		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	39		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	37		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:	SLCS168	SDG No.:	BP112224
Lab Sample ID:	PB165168BS	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
BP023302.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	37		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	41		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	34		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	37		1.1	2.5	5	ug/L
218-01-9	Chrysene	37		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	40		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	38		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	36		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	36		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	34		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	34		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	35		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	32		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.887		15-120		99	SPK: -8
7291-22-7	Pyridine-d5	34.245		20-120		86	SPK: -40
4165-62-2	Phenol-d5	34.774		10-130		87	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.411		25-120		94	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.874		20-130		90	SPK: -40
190780-66-6	4-Methylphenol-d8	33.934		25-125		85	SPK: -40
4165-60-0	Nitrobenzene-d5	36.085		20-125		90	SPK: -40
93951-78-1	2-Nitrophenol-d4	37.18		20-130		93	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.271		20-120		91	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.126		1-146		73	SPK: -40
85448-30-2	Dimethylphthalate-d6	36.198		25-130		90	SPK: -40
93951-97-4	Acenaphthylene-d8	37.421		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	33.24		10-150		83	SPK: -40
81103-79-9	Fluorene-d10	36.693		25-125		92	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:	SLCS168	SDG No.:	BP112224
Lab Sample ID:	PB165168BS	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
BP023302.D	1	11/21/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165168

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.632		10-130		84	SPK: -40
1719-06-8	Anthracene-d10	36.748		25-130		92	SPK: -40
1718-52-1	Pyrene-d10	38.942		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.994		20-130		95	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	91238	7.563				
1146-65-2	Naphthalene-d8	345768	10.31				
15067-26-2	Acenaphthene-d10	280802	14.175				
1517-22-2	Phenanthrene-d10	719533	16.992				
1719-03-5	Chrysene-d12	814784	21.445				
1520-96-3	Perylene-d12	960163	24.657				
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-WATER-QT4-2024-07	SDG No.:	BP112224
Lab Sample ID:	P4776-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023303.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.2	J	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	4.8	J	1.1	5	10	ug/L
110-86-1	Pyridine	4	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	4.7	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	3.9	J	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.9	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	3.7	J	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	4.3	J	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	4.3	J	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	4.5	J	1.4	2.5	5	ug/L
78-59-1	Isophorone	4.4	J	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	4.3	J	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	3.8	J	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	4.6	J	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	3.9	J	1.1	2.5	5	ug/L
91-20-3	Naphthalene	4.6	J	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	4	J	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	4.3	J	1.5	2.5	5	ug/L
105-60-2	Caprolactam	4.3	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	3.8	J	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	4.2	J	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	4.4	J	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	3.8	J	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	4	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-QT4-2024-07	SDG No.:	BP112224
Lab Sample ID:	P4776-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023303.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4.7	J	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4.6	J	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	3.4	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	4	J	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	4.8	J	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	3.9	J	1.6	5	10	ug/L
83-32-9	Acenaphthene	4.6	J	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	4.8	J	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	3.3	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	3.9	J	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	4.3	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	4.3	J	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	3.9	J	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.7	J	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	4.7	J	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.6	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	4.2	J	1.2	2.5	5	ug/L
1912-24-9	Atrazine	4.2	J	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	6.2	J	1.9	5	10	ug/L
85-01-8	Phenanthrene	4.7	J	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	4.2	J	1.7	2.5	5	ug/L
120-12-7	Anthracene	4.6	J	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4.5	J	1.7	2.5	5	ug/L
86-74-8	Carbazole	4.3	J	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	4.2	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-QT4-2024-07	SDG No.:	BP112224
Lab Sample ID:	P4776-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023303.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4.5	J	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	4	J	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	4	J	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	4.5	J	1.1	2.5	5	ug/L
218-01-9	Chrysene	4.5	J	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4	J	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	3.9	J	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.6	J	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.8	J	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	4.4	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	4.5	J	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	4.5	J	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.1	J	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.904		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	12.04		20-120		30	SPK: -40
4165-62-2	Phenol-d5	12.84		10-130		32	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.037		25-120		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.374		20-130		33	SPK: -40
190780-66-6	4-Methylphenol-d8	11.826		25-125		30	SPK: -40
4165-60-0	Nitrobenzene-d5	13.504		20-125		34	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.85		20-130		32	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.07		20-120		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.866		1-146		30	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.823		25-130		35	SPK: -40
93951-97-4	Acenaphthylene-d8	13.691		10-130		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.552		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	13.616		25-125		34	SPK: -40

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT4-2024-07	SDG No.:	BP112224
Lab Sample ID:	P4776-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023303.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	8.871		10-130		22	SPK: -40
1719-06-8	Anthracene-d10	13.379		25-130		33	SPK: -40
1718-52-1	Pyrene-d10	13.534		15-130		34	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	14.099		20-130		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89699	7.564				
1146-65-2	Naphthalene-d8	331594	10.305				
15067-26-2	Acenaphthene-d10	246114	14.175				
1517-22-2	Phenanthrene-d10	599453	16.987				
1719-03-5	Chrysene-d12	730066	21.433				
1520-96-3	Perylene-d12	803426	24.669				
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-QT4-2024-07	SDG No.:	BP112224
Lab Sample ID:	P4776-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023304.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	39	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	130	J	43	82.5	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	160	J	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	150	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	140	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	150	J	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	150	J	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	160	J	31	42.5	170	ug/Kg
78-59-1	Isophorone	150	J	48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	140	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	130	J	16	42.5	170	ug/Kg
91-20-3	Naphthalene	160	J	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	120	J	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	140	J	44	42.5	170	ug/Kg
105-60-2	Caprolactam	130	J	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	120	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	140	J	23	42.5	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	160	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-QT4-2024-07	SDG No.:	BP112224
Lab Sample ID:	P4776-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023304.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165140

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	140	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	150	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	160	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	130	J	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	140	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	130	J	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	130	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	150	J	32	42.5	170	ug/Kg
1912-24-9	Atrazine	150	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	140	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	140	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	150	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-QT4-2024-07	SDG No.:	BP112224
Lab Sample ID:	P4776-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023304.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165140

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	130	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	140	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	150	J	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	140	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	4.262		15-120		53	SPK: -8
7291-22-7	Pyridine-d5	11.805		20-120		30	SPK: -40
4165-62-2	Phenol-d5	12.39		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.246		10-150		36	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.258		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	11.765		10-140		29	SPK: -40
4165-60-0	Nitrobenzene-d5	13.015		10-135		33	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.314		10-120		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.194		10-140		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	10.965		1-145		27	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.447		10-145		34	SPK: -40
93951-97-4	Acenaphthylene-d8	13.46		15-120		34	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.541		10-150		31	SPK: -40
81103-79-9	Fluorene-d10	13.378		20-140		33	SPK: -40

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT4-2024-07	SDG No.:	BP112224
Lab Sample ID:	P4776-03	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023304.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.494		10-130		24	SPK: -40
1719-06-8	Anthracene-d10	13.342		10-150		33	SPK: -40
1718-52-1	Pyrene-d10	14.096		10-130		35	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.76		10-140		34	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	89373	7.563				
1146-65-2	Naphthalene-d8	329931	10.304				
15067-26-2	Acenaphthene-d10	258130	14.169				
1517-22-2	Phenanthrene-d10	630150	16.986				
1719-03-5	Chrysene-d12	712229	21.439				
1520-96-3	Perylene-d12	817314	24.663				
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-QT4-2024-07	SDG No.:	BP112224
Lab Sample ID:	P4776-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023305.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1200	J	260	190	1900	ug/Kg
100-52-7	Benzaldehyde	4100	J	1300	2400	9600	ug/Kg
110-86-1	Pyridine	3700	J	1600	4800	9600	ug/Kg
108-95-2	Phenol	3800	J	1200	2400	9600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4500	J	1100	2400	9600	ug/Kg
95-57-8	2-Chlorophenol	4100	J	750	1200	4800	ug/Kg
95-48-7	2-Methylphenol	3600	J	840	2400	9600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	4800	J	1900	2400	9600	ug/Kg
98-86-2	Acetophenone	4000	J	930	2400	9600	ug/Kg
106-44-5	4-Methylphenol	3700	J	820	2400	9600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4200	J	1600	1200	4800	ug/Kg
67-72-1	Hexachloroethane	4400	J	460	1200	4800	ug/Kg
98-95-3	Nitrobenzene	4300	J	900	1200	4800	ug/Kg
78-59-1	Isophorone	4200	J	1100	1200	4800	ug/Kg
88-75-5	2-Nitrophenol	4200	J	670	1200	4800	ug/Kg
105-67-9	2,4-Dimethylphenol	3700	J	680	1200	4800	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4500	J	1300	1200	4800	ug/Kg
120-83-2	2,4-Dichlorophenol	3900	J	620	1200	4800	ug/Kg
91-20-3	Naphthalene	4400	J	670	1200	4800	ug/Kg
106-47-8	4-Chloroaniline	3800	J	540	1200	9600	ug/Kg
87-68-3	Hexachlorobutadiene	4500	J	1300	1200	4800	ug/Kg
105-60-2	Caprolactam	3900	J	2700	2400	9600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3700	J	1300	1200	4800	ug/Kg
90-12-0	1-Methylnaphthalene	3700	J	1200	1200	4800	ug/Kg
91-57-6	2-Methylnaphthalene	4200	J	620	1200	4800	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4400	J	2600	2400	9600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	3900	J	1200	1200	4800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3700	J	730	1200	4800	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT4-2024-07	SDG No.:	BP112224
Lab Sample ID:	P4776-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023305.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4300	J	670	1200	4800	ug/Kg
91-58-7	2-Chloronaphthalene	4300	J	670	1200	4800	ug/Kg
88-74-4	2-Nitroaniline	3900	J	1500	1200	4800	ug/Kg
131-11-3	Dimethylphthalate	4300	J	700	1200	4800	ug/Kg
606-20-2	2,6-Dinitrotoluene	3800	J	1300	1200	4800	ug/Kg
208-96-8	Acenaphthylene	4500	J	760	1200	4800	ug/Kg
99-09-2	3-Nitroaniline	3700	J	820	2400	9600	ug/Kg
83-32-9	Acenaphthene	4400	J	790	1200	4800	ug/Kg
51-28-5	2,4-Dinitrophenol	4700	J	2800	2400	9600	ug/Kg
100-02-7	4-Nitrophenol	3500	J	1100	2400	9600	ug/Kg
132-64-9	Dibenzofuran	4200	J	690	1200	4800	ug/Kg
121-14-2	2,4-Dinitrotoluene	3900	J	930	1200	4800	ug/Kg
84-66-2	Diethylphthalate	4200	J	790	1200	4800	ug/Kg
86-73-7	Fluorene	4200	J	680	1200	4800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4200	J	680	1200	4800	ug/Kg
100-01-6	4-Nitroaniline	3800	J	740	2400	9600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	3400	J	2100	2400	9600	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4300	J	700	1200	4800	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4400	J	620	1200	4800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4000	J	680	1200	4800	ug/Kg
118-74-1	Hexachlorobenzene	4200	J	780	1200	4800	ug/Kg
1912-24-9	Atrazine	4200	J	1900	2400	9600	ug/Kg
87-86-5	Pentachlorophenol	6200	J	1700	2400	9600	ug/Kg
85-01-8	Phenanthrene	4300	J	810	1200	4800	ug/Kg
608-93-5	Pentachlorobenzene	3900	J	1500	1200	4800	ug/Kg
120-12-7	Anthracene	4300	J	650	1200	4800	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	4000	J	1600	1200	4800	ug/Kg
86-74-8	Carbazole	4100	J	590	2400	9600	ug/Kg
84-74-2	Di-n-butylphthalate	4100	J	1400	1200	4800	ug/Kg
206-44-0	Fluoranthene	4500	J	1300	2400	4800	ug/Kg

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT4-2024-07	SDG No.:	BP112224
Lab Sample ID:	P4776-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023305.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4400	J	1100	1200	4800	ug/Kg
85-68-7	Butylbenzylphthalate	3900	J	2300	1200	4800	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3700	J	1500	2400	9600	ug/Kg
56-55-3	Benzo(a)anthracene	4400	J	530	1200	4800	ug/Kg
218-01-9	Chrysene	4300	J	750	1200	4800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3800	J	2500	1200	4800	ug/Kg
117-84-0	Di-n-octyl phthalate	3800	J	2600	2400	9600	ug/Kg
205-99-2	Benzo(b)fluoranthene	4400	J	1100	1200	4800	ug/Kg
207-08-9	Benzo(k)fluoranthene	4600	J	740	1200	4800	ug/Kg
50-32-8	Benzo(a)pyrene	4200	J	1100	1200	4800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4300	J	880	1200	4800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4400	J	740	1200	4800	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4400	J	880	1200	4800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	3900	J	930	1200	4800	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.484		15-120		56	SPK: -8
7291-22-7	Pyridine-d5	11.534		20-120		29	SPK: -40
4165-62-2	Phenol-d5	12.478		10-130		31	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	14.055		10-150		35	SPK: -40
93951-73-6	2-Chlorophenol-d4	13.012		15-120		33	SPK: -40
190780-66-6	4-Methylphenol-d8	11.619		10-140		29	SPK: -40
4165-60-0	Nitrobenzene-d5	13.378		10-135		33	SPK: -40
93951-78-1	2-Nitrophenol-d4	12.577		10-120		31	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	12.078		10-140		30	SPK: -40
191656-33-4	4-Chloroaniline-d4	11.475		1-145		29	SPK: -40
85448-30-2	Dimethylphthalate-d6	13.561		10-145		34	SPK: -40
93951-97-4	Acenaphthylene-d8	13.163		15-120		33	SPK: -40
93951-79-2	4-Nitrophenol-d4	12.18		10-150		30	SPK: -40
81103-79-9	Fluorene-d10	13.187		20-140		33	SPK: -40

Report of Analysis

Client:		Date Collected:	11/7/2024 12:00:00 AM
Project:		Date Received:	11/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT4-2024-07	SDG No.:	BP112224
Lab Sample ID:	P4776-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.04 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023305.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	9.152		10-130		23	SPK: -40
1719-06-8	Anthracene-d10	13.099		10-150		33	SPK: -40
1718-52-1	Pyrene-d10	14.017		10-130		35	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	13.826		10-140		35	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	84712	7.569				
1146-65-2	Naphthalene-d8	308201	10.31				
15067-26-2	Acenaphthene-d10	242327	14.175				
1517-22-2	Phenanthrene-d10	600133	16.992				
1719-03-5	Chrysene-d12	686264	21.445				
1520-96-3	Perylene-d12	789068	24.68				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	670	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SBLK140	SDG No.:	BP112224
Lab Sample ID:	PB165140BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023306.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165140

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:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SBLK140	SDG No.:	BP112224
Lab Sample ID:	PB165140BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023306.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165140

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:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SBLK140	SDG No.:	BP112224
Lab Sample ID:	PB165140BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023306.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165140

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	8.587		15-120		107	SPK: -8
7291-22-7	Pyridine-d5	34.287		20-120		86	SPK: -40
4165-62-2	Phenol-d5	34.945		10-130		87	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.142		10-150		98	SPK: -40
93951-73-6	2-Chlorophenol-d4	36.481		15-120		91	SPK: -40
190780-66-6	4-Methylphenol-d8	33.016		10-140		83	SPK: -40
4165-60-0	Nitrobenzene-d5	37.364		10-135		93	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.21		10-120		91	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	32.513		10-140		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.699		1-145		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	38.951		10-145		97	SPK: -40
93951-97-4	Acenaphthylene-d8	37.973		15-120		95	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.13		10-150		80	SPK: -40
81103-79-9	Fluorene-d10	38.16		20-140		95	SPK: -40

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SBLK140	SDG No.:	BP112224
Lab Sample ID:	PB165140BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023306.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165140

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.38		10-130		71	SPK: -40
1719-06-8	Anthracene-d10	39.81		10-150		100	SPK: -40
1718-52-1	Pyrene-d10	40.159		10-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.356		10-140		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70832	7.558				
1146-65-2	Naphthalene-d8	256169	10.31				
15067-26-2	Acenaphthene-d10	183647	14.175				
1517-22-2	Phenanthrene-d10	447961	16.987				
1719-03-5	Chrysene-d12	534394	21.439				
1520-96-3	Perylene-d12	639498	24.663				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BP112224
Lab Sample ID:	PB165141BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01	Units:	g
Soil Aliquot Vol:	100	Final Vol:	500
			uL
Extraction Type :		Test:	
	Decanted :	Level :	MED
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023307.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165141

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	9900	ug/Kg
110-86-1	Pyridine	1700	U	1700	4900	9900	ug/Kg
108-95-2	Phenol	1200	U	1200	2500	9900	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	2500	9900	ug/Kg
95-57-8	2-Chlorophenol	770	U	770	1300	5000	ug/Kg
95-48-7	2-Methylphenol	860	U	860	2500	9900	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000	U	2000	2500	9900	ug/Kg
98-86-2	Acetophenone	960	U	960	2500	9900	ug/Kg
106-44-5	4-Methylphenol	840	U	840	2500	9900	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	930	U	930	1300	5000	ug/Kg
78-59-1	Isophorone	1100	U	1100	1300	5000	ug/Kg
88-75-5	2-Nitrophenol	690	U	690	1300	5000	ug/Kg
105-67-9	2,4-Dimethylphenol	700	U	700	1300	5000	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1300	5000	ug/Kg
120-83-2	2,4-Dichlorophenol	630	U	630	1300	5000	ug/Kg
91-20-3	Naphthalene	690	U	690	1300	5000	ug/Kg
106-47-8	4-Chloroaniline	550	U	550	1300	9900	ug/Kg
87-68-3	Hexachlorobutadiene	1400	U	1400	1300	5000	ug/Kg
105-60-2	Caprolactam	2800	U	2800	2500	9900	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	630	U	630	1300	5000	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2700	U	2700	2500	9900	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1300	5000	ug/Kg
95-95-4	2,4,5-Trichlorophenol	750	U	750	1300	5000	ug/Kg

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BP112224
Lab Sample ID:	PB165141BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023307.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	690	U	690	1300	5000	ug/Kg
91-58-7	2-Chloronaphthalene	690	U	690	1300	5000	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1300	5000	ug/Kg
131-11-3	Dimethylphthalate	720	U	720	1300	5000	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300	U	1300	1300	5000	ug/Kg
208-96-8	Acenaphthylene	780	U	780	1300	5000	ug/Kg
99-09-2	3-Nitroaniline	840	U	840	2500	9900	ug/Kg
83-32-9	Acenaphthene	810	U	810	1300	5000	ug/Kg
51-28-5	2,4-Dinitrophenol	2900	U	2900	2500	9900	ug/Kg
100-02-7	4-Nitrophenol	1100	U	1100	2500	9900	ug/Kg
132-64-9	Dibenzofuran	710	U	710	1300	5000	ug/Kg
121-14-2	2,4-Dinitrotoluene	960	U	960	1300	5000	ug/Kg
84-66-2	Diethylphthalate	810	U	810	1300	5000	ug/Kg
86-73-7	Fluorene	700	U	700	1300	5000	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	700	U	700	1300	5000	ug/Kg
100-01-6	4-Nitroaniline	760	U	760	2500	9900	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2200	U	2200	2500	9900	ug/Kg
86-30-6	N-Nitrosodiphenylamine	720	U	720	1300	5000	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	630	U	630	1300	5000	ug/Kg
101-55-3	4-Bromophenyl-phenylether	700	U	700	1300	5000	ug/Kg
118-74-1	Hexachlorobenzene	800	U	800	1300	5000	ug/Kg
1912-24-9	Atrazine	2000	U	2000	2500	9900	ug/Kg
87-86-5	Pentachlorophenol	1800	U	1800	2500	9900	ug/Kg
85-01-8	Phenanthrene	830	U	830	1300	5000	ug/Kg
608-93-5	Pentachlorobenzene	1600	U	1600	1300	5000	ug/Kg
120-12-7	Anthracene	670	U	670	1300	5000	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	1300	5000	ug/Kg
86-74-8	Carbazole	600	U	600	2500	9900	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:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BP112224
Lab Sample ID:	PB165141BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023307.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165141

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	9900	ug/Kg
56-55-3	Benzo(a)anthracene	540	U	540	1300	5000	ug/Kg
218-01-9	Chrysene	770	U	770	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	9900	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	1300	5000	ug/Kg
207-08-9	Benzo(k)fluoranthene	760	U	760	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	900	U	900	1300	5000	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	760	U	760	1300	5000	ug/Kg
191-24-2	Benzo(g,h,i)perylene	910	U	910	1300	5000	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	960	U	960	1300	5000	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8.33		15-120		104	SPK: -8
7291-22-7	Pyridine-d5	35.076		20-120		88	SPK: -40
4165-62-2	Phenol-d5	34.982		10-130		87	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	39.408		10-150		99	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.83		15-120		90	SPK: -40
190780-66-6	4-Methylphenol-d8	34.553		10-140		86	SPK: -40
4165-60-0	Nitrobenzene-d5	36.793		10-135		92	SPK: -40
93951-78-1	2-Nitrophenol-d4	36.037		10-120		90	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	33.275		10-140		83	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.918		1-145		80	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.808		10-145		100	SPK: -40
93951-97-4	Acenaphthylene-d8	37.952		15-120		95	SPK: -40
93951-79-2	4-Nitrophenol-d4	30.527		10-150		76	SPK: -40
81103-79-9	Fluorene-d10	38.36		20-140		96	SPK: -40

Report of Analysis

Client:		Date Collected:	11/20/2024 12:00:00 AM
Project:		Date Received:	11/20/2024 12:00:00 AM
Client Sample ID:	SBLK141	SDG No.:	BP112224
Lab Sample ID:	PB165141BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.01 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023307.D	1	11/20/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165141

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	28.615		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	39.588		10-150		99	SPK: -40
1718-52-1	Pyrene-d10	43.36		10-130		108	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	39.186		10-140		98	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73986	7.563				
1146-65-2	Naphthalene-d8	277339	10.304				
15067-26-2	Acenaphthene-d10	206507	14.169				
1517-22-2	Phenanthrene-d10	497291	16.986				
1719-03-5	Chrysene-d12	534355	21.445				
1520-96-3	Perylene-d12	640956	24.668				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	690	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK114	SDG No.:	BP112224
Lab Sample ID:	PB165114BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023308.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165114

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:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK114	SDG No.:	BP112224
Lab Sample ID:	PB165114BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023308.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165114

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:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK114	SDG No.:	BP112224
Lab Sample ID:	PB165114BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023308.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165114

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	7.872		15-120		98	SPK: -8
7291-22-7	Pyridine-d5	32.341		20-120		81	SPK: -40
4165-62-2	Phenol-d5	31.155		10-130		78	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	36.129		25-120		90	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.22		20-130		83	SPK: -40
190780-66-6	4-Methylphenol-d8	30.774		25-125		77	SPK: -40
4165-60-0	Nitrobenzene-d5	35.417		20-125		89	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.209		20-130		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	30.458		20-120		76	SPK: -40
191656-33-4	4-Chloroaniline-d4	30.03		1-146		75	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.202		25-130		93	SPK: -40
93951-97-4	Acenaphthylene-d8	35.458		10-130		89	SPK: -40
93951-79-2	4-Nitrophenol-d4	28.15		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	35.644		25-125		89	SPK: -40

Report of Analysis

Client:		Date Collected:	11/19/2024 12:00:00 AM
Project:		Date Received:	11/19/2024 12:00:00 AM
Client Sample ID:	SBLK114	SDG No.:	BP112224
Lab Sample ID:	PB165114BL	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP023308.D	1	11/19/2024 12:00:00 AM	11/22/2024 12:00:00 AM	PB165114

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.083		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	36.689		25-130		92	SPK: -40
1718-52-1	Pyrene-d10	39.866		15-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	36.809		20-130		92	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76234	7.563				
1146-65-2	Naphthalene-d8	275952	10.31				
15067-26-2	Acenaphthene-d10	211876	14.181				
1517-22-2	Phenanthrene-d10	511202	16.992				
1719-03-5	Chrysene-d12	573896	21.433				
1520-96-3	Perylene-d12	689756	24.657				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Hit Summary Sheet SW-846

SDG No.: BP112224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	MDL-WATER-QT4-2024-07						
P4776-01	MDL-WATER-QT4-2024 Water	Total Alkanes	*	0.000	1.1	5	ug/L
		Total Tics :			0.00		
P4776-01	MDL-WATER-QT4-2024 Water	1,1-Biphenyl	4.700	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	1,2,3,4-Tetrachlorobenzene	4.500	J	1.7	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	1,2,4,5-Tetrachlorobenzene	4.600	J	1.4	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	1,4-Dioxane	1.200	J	0.35	2	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	1-Methylnaphthalene	3.800	J	0.91	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,2-oxybis(1-Chloropropane)	4.900	J	1.9	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,3,4,6-Tetrachlorophenol	4.100	J	1.5	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,4,5-Trichlorophenol	4.000	J	1.6	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,4,6-Trichlorophenol	3.800	J	2	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,4-Dichlorophenol	3.900	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,4-Dimethylphenol	3.800	J	0.69	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,4-Dinitrophenol	4.800	J	1.8	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,4-Dinitrotoluene	3.900	J	1.5	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2,6-Dinitrotoluene	4.000	J	1.7	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2-Chloronaphthalene	4.600	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2-Chlorophenol	4.400	J	0.91	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2-Methylnaphthalene	4.200	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2-Methylphenol	3.900	J	1.5	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2-Nitroaniline	3.400	J	1.8	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	2-Nitrophenol	4.300	J	1.2	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	3,3-Dichlorobenzidine	4.000	J	1.4	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	3-Nitroaniline	3.900	J	1.6	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4,6-Dinitro-2-methylphenol	3.700	J	2.4	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4-Bromophenyl-phenylether	4.300	J	0.95	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4-Chloro-3-methylphenol	3.900	J	1.6	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4-Chloroaniline	4.000	J	0.94	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4-Chlorophenyl-phenylether	4.300	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4-Methylphenol	3.700	J	1.7	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4-Nitroaniline	3.900	J	0.83	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	4-Nitrophenol	3.300	J	1.4	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Acenaphthene	4.600	J	0.96	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Acenaphthylene	4.800	J	1.2	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Acetophenone	4.100	J	1.5	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Anthracene	4.600	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Atrazine	4.200	J	1.8	10	ug/L

Hit Summary Sheet SW-846

SDG No.: BP112224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P4776-01	MDL-WATER-QT4-2024 Water	Benzaldehyde	4.800	J	1.1	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Benzo(a)anthracene	4.500	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Benzo(a)pyrene	4.400	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Benzo(b)fluoranthene	4.600	J	1.4	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Benzo(g,h,i)perylene	4.500	J	1.2	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Benzo(k)fluoranthene	4.800	J	1.4	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Bis(2-Chloroethoxy)methane	4.600	J	1.5	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Bis(2-Chloroethyl)ether	4.700	J	1.4	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Bis(2-ethylhexyl)phthalate	4.000	J	3	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Butylbenzylphthalate	4.000	J	2.7	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Caprolactam	4.300	J	2.6	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Carbazole	4.300	J	1.1	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Chrysene	4.500	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Di-n-butylphthalate	4.200	J	1.9	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Di-n-octyl phthalate	3.900	J	2.4	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Dibenzo(a,h)anthracene	4.500	J	1.3	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Dibenzofuran	4.400	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Diethylphthalate	4.300	J	1.3	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Dimethylphthalate	4.500	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Fluoranthene	4.400	J	1.9	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Fluorene	4.500	J	0.94	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Hexachlorobenzene	4.200	J	1.2	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Hexachlorobutadiene	4.300	J	1.5	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Hexachlorocyclopentadiene	4.400	J	3.1	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Hexachloroethane	4.300	J	1.1	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Indeno(1,2,3-cd)pyrene	4.400	J	1.4	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Isophorone	4.400	J	1.7	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	N-Nitroso-di-n-propylamine	4.300	J	1.9	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	N-Nitrosodiphenylamine	4.700	J	1.3	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Naphthalene	4.600	J	0.94	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Nitrobenzene	4.500	J	1.4	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Pentachlorobenzene	4.200	J	1.7	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Pentachlorophenol	6.200	J	1.9	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Phenanthrene	4.700	J	1.2	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Phenol	4.000	J	1.6	10	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Pyrene	4.500	J	1.8	5	ug/L
P4776-01	MDL-WATER-QT4-2024 Water	Pyridine	4.000	J	1.7	10	ug/L

Total Svoc :

306.50

Total Concentration:

306.50

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

Hit Summary Sheet SW-846

SDG No.: BP112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Total Alkanes	*	0.000	24	170	ug/Kg
			Total Tics :			0.00		
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	1,1-Biphenyl	150.000	J	24	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	1,2,3,4-Tetrachlorobenzene	140.000	J	50	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	1,2,4,5-Tetrachlorobenzene	150.000	J	24	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	1,4-Dioxane	39.000	J	11	67	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	1-Methylnaphthalene	130.000	J	33	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,2-oxybis(1-Chloropropane)	170.000	J	60	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,3,4,6-Tetrachlorophenol	140.000	J	33	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,4,5-Trichlorophenol	130.000	J	39	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,4,6-Trichlorophenol	130.000	J	49	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,4-Dichlorophenol	130.000	J	16	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,4-Dimethylphenol	120.000	J	25	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,4-Dinitrophenol	160.000	J	48	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,4-Dinitrotoluene	130.000	J	43	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2,6-Dinitrotoluene	130.000	J	44	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2-Chloronaphthalene	150.000	J	26	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2-Chlorophenol	150.000	J	23	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2-Methylnaphthalene	140.000	J	23	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2-Methylphenol	130.000	J	39	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2-Nitroaniline	140.000	J	41	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	2-Nitrophenol	140.000	J	31	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	3,3-Dichlorobenzidine	130.000	J	48	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	3-Nitroaniline	120.000	J	44	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4,6-Dinitro-2-methylphenol	130.000	J	77	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4-Bromophenyl-phenylether	140.000	J	29	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4-Chloro-3-methylphenol	120.000	J	49	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4-Chloroaniline	120.000	J	24	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4-Chlorophenyl-phenylether	150.000	J	20	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4-Methylphenol	130.000	J	37	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4-Nitroaniline	130.000	J	31	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	4-Nitrophenol	120.000	J	44	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Acenaphthene	150.000	J	29	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Acenaphthylene	150.000	J	32	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Acetophenone	140.000	J	40	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Anthracene	150.000	J	25	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Atrazine	150.000	J	71	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Benzaldehyde	160.000	J	45	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Benzo(a)anthracene	150.000	J	27	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Benzo(a)pyrene	150.000	J	32	170	ug/Kg

Hit Summary Sheet
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SDG No.: BP112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Benzo(b)fluoranthene	150.000	J	33	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Benzo(g,h,i)perylene	150.000	J	26	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Benzo(k)fluoranthene	150.000	J	38	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Bis(2-Chloroethoxy)methane	160.000	J	43	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Bis(2-Chloroethyl)ether	160.000	J	40	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Bis(2-ethylhexyl)phthalate	140.000	J	96	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Butylbenzylphthalate	140.000	J	84	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Caprolactam	130.000	J	72	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Carbazole	140.000	J	28	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Chrysene	150.000	J	31	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Di-n-butylphthalate	140.000	J	61	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Di-n-octyl phthalate	140.000	J	76	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Dibenzo(a,h)anthracene	140.000	J	28	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Dibenzofuran	150.000	J	32	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Diethylphthalate	140.000	J	30	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Dimethylphthalate	150.000	J	29	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Fluoranthene	150.000	J	54	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Fluorene	150.000	J	25	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Hexachlorobenzene	150.000	J	32	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Hexachlorobutadiene	140.000	J	44	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Hexachlorocyclopentadiene	160.000	J	95	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Hexachloroethane	150.000	J	18	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Indeno(1,2,3-cd)pyrene	140.000	J	31	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Isophorone	150.000	J	48	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	N-Nitroso-di-n-propylamine	150.000	J	51	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	N-Nitrosodiphenylamine	150.000	J	33	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Naphthalene	160.000	J	25	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Nitrobenzene	160.000	J	31	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Pentachlorobenzene	140.000	J	52	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Pentachlorophenol	210.000	J	74	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Phenanthrene	150.000	J	29	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Phenol	130.000	J	43	330	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Pyrene	150.000	J	49	170	ug/Kg
P4776-03	MDL-SOIL-QT4-2024-0'	Solid	Pyridine	130.000	J	33	330	ug/Kg
Total Svoc :				10,239.00				
Total Concentration:				10,239.00				

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

P4776-05	MDL-MED-SOIL-QT4-2 Solid	Total Alkanes	*	0.000	670	4800	ug/Kg
Total Tics :				0.00			
P4776-05	MDL-MED-SOIL-QT4-2 Solid	1,1-Biphenyl		4,300.000	J 670	4800	ug/Kg

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SDG No.: BP112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-05	MDL-MED-SOIL-QT4-2	Solid	1,2,3,4-Tetrachlorobenzene	4,000.000	J	1600	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	1,2,4,5-Tetrachlorobenzene	4,400.000	J	620	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	1,4-Dioxane	1,200.000	J	260	1900	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	1-Methylnaphthalene	3,700.000	J	1200	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,2-oxybis(1-Chloropropane)	4,800.000	J	1900	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,3,4,6-Tetrachlorophenol	3,900.000	J	930	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,4,5-Trichlorophenol	3,700.000	J	730	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,4,6-Trichlorophenol	3,900.000	J	1200	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,4-Dichlorophenol	3,900.000	J	620	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,4-Dimethylphenol	3,700.000	J	680	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,4-Dinitrophenol	4,700.000	J	2800	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,4-Dinitrotoluene	3,900.000	J	930	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2,6-Dinitrotoluene	3,800.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2-Chloronaphthalene	4,300.000	J	670	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2-Chlorophenol	4,100.000	J	750	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2-Methylnaphthalene	4,200.000	J	620	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2-Methylphenol	3,600.000	J	840	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2-Nitroaniline	3,900.000	J	1500	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	2-Nitrophenol	4,200.000	J	670	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	3,3-Dichlorobenzidine	3,700.000	J	1500	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	3-Nitroaniline	3,700.000	J	820	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4,6-Dinitro-2-methylphenol	3,400.000	J	2100	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4-Bromophenyl-phenylether	4,000.000	J	680	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4-Chloro-3-methylphenol	3,700.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4-Chloroaniline	3,800.000	J	540	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4-Chlorophenyl-phenylether	4,200.000	J	680	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4-Methylphenol	3,700.000	J	820	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4-Nitroaniline	3,800.000	J	740	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	4-Nitrophenol	3,500.000	J	1100	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Acenaphthene	4,400.000	J	790	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Acenaphthylene	4,500.000	J	760	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Acetophenone	4,000.000	J	930	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Anthracene	4,300.000	J	650	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Atrazine	4,200.000	J	1900	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Benzaldehyde	4,100.000	J	1300	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Benzo(a)anthracene	4,400.000	J	530	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Benzo(a)pyrene	4,200.000	J	1100	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Benzo(b)fluoranthene	4,400.000	J	1100	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Benzo(g,h,i)perylene	4,400.000	J	880	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Benzo(k)fluoranthene	4,600.000	J	740	4800	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP112224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Bis(2-Chloroethoxy)methane	4,500.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Bis(2-Chloroethyl)ether	4,500.000	J	1100	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Bis(2-ethylhexyl)phthalate	3,800.000	J	2500	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Butylbenzylphthalate	3,900.000	J	2300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Caprolactam	3,900.000	J	2700	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Carbazole	4,100.000	J	590	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Chrysene	4,300.000	J	750	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Di-n-butylphthalate	4,100.000	J	1400	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Di-n-octyl phthalate	3,800.000	J	2600	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Dibenzo(a,h)anthracene	4,400.000	J	740	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Dibenzofuran	4,200.000	J	690	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Diethylphthalate	4,200.000	J	790	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Dimethylphthalate	4,300.000	J	700	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Fluoranthene	4,500.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Fluorene	4,200.000	J	680	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Hexachlorobenzene	4,200.000	J	780	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Hexachlorobutadiene	4,500.000	J	1300	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Hexachlorocyclopentadiene	4,400.000	J	2600	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Hexachloroethane	4,400.000	J	460	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Indeno(1,2,3-cd)pyrene	4,300.000	J	880	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Isophorone	4,200.000	J	1100	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	N-Nitroso-di-n-propylamine	4,200.000	J	1600	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	N-Nitrosodiphenylamine	4,300.000	J	700	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Naphthalene	4,400.000	J	670	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Nitrobenzene	4,300.000	J	900	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Pentachlorobenzene	3,900.000	J	1500	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Pentachlorophenol	6,200.000	J	1700	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Phenanthrene	4,300.000	J	810	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Phenol	3,800.000	J	1200	9600	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Pyrene	4,400.000	J	1100	4800	ug/Kg
P4776-05	MDL-MED-SOIL-QT4-2	Solid	Pyridine	3,700.000	J	1600	9600	ug/Kg

Total Svoc : 295,400.00

Total Concentration: 295,400.00

Client ID : BG439

P4930-01	BG439	Water	n-Hexadecanoic acid	*	4.200	J		
P4930-01	BG439	Water	Supraene	*	2.500	J		
P4930-01	BG439	Water	Total Alkanes	*	0.000		1.1	5 ug/L
Total Tics :					6.70			
P4930-01	BG439	Water	1,4-Dioxane		2.500		0.35	2 ug/L
Total Svoc :					2.50			

Hit Summary Sheet
SW-846

SDG No.: BP112224

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Concentration:			9.20		
Client ID : BG440								
P4930-02	BG440	Water	Total Alkanes	*	0.000	1.1	5.1	ug/L
			Total Tics :			0.00		
P4930-02	BG440	Water	1,4-Dioxane		2.100	0.35	2	ug/L
			Total Svoc :			2.10		
			Total Concentration:			2.10		
Client ID : BG441								
P4930-03	BG441	Water	Total Alkanes	*	0.000	1.1	5	ug/L
			Total Tics :			0.00		
P4930-03	BG441	Water	1,4-Dioxane		2.400	0.35	2	ug/L
			Total Svoc :			2.40		
			Total Concentration:			2.40		

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.

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.: BP112224 SAS No.: BP112224 SDG NO.: BP112224

EPA Sample No.: SSTD020630 Date Analyzed: Nov 22 2024 12:00AM

Lab File ID: BP022942.D Time Analyzed: 11:19

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	80439	7.56	292968	10.30	210520	14.19
02 BG439	80257	7.56	289575	10.31	216330	14.19
03 BG440	78448	7.56	288488	10.31	216294	14.18
04 BG441	84251	7.56	309418	10.30	234876	14.19
05 SLCS168	91238	7.56	345768	10.31	280802	14.18
06 MDL-WATER-QT4-2024-07	89699	7.56	331594	10.31	246114	14.18
07 MDL-SOIL-QT4-2024-07	89373	7.56	329931	10.30	258130	14.17
08 MDL-MED-SOIL-QT4-2024-07	84712	7.57	308201	10.31	242327	14.18
09 SBLK140	70832	7.56	256169	10.31	183647	14.18
10 SBLK141	73986	7.56	277339	10.30	206507	14.17
11 SBLK114	76234	7.56	275952	10.31	211876	14.18

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.: BP112224 SAS No.: BP112224 SDG NO.: BP112224

EPA Sample No.: SSTD020736 Date Analyzed: Nov 22 2024 12:00AM

Lab File ID: BP023297.D Time Analyzed: 11:19

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	72031	7.558	275178	10.30	220114	14.17
UPPER LIMIT	144062	8.058	550356	10.804	440228	14.669
LOWER LIMIT	36015.5	7.058	137589	9.804	110057	13.669
EPA SAMPLE NO.						
01 SBLK168	80439	7.56	292968	10.30	210520	14.19
02 BG439	80257	7.56	289575	10.31	216330	14.19
03 BG440	78448	7.56	288488	10.31	216294	14.18
04 BG441	84251	7.56	309418	10.30	234876	14.19
05 SLCS168	91238	7.56	345768	10.31	280802	14.18
06 MDL-WATER-QT4-2024-07	89699	7.56	331594	10.31	246114	14.18
07 MDL-SOIL-QT4-2024-07	89373	7.56	329931	10.30	258130	14.17
08 MDL-MED-SOIL-QT4-2024-07	84712	7.57	308201	10.31	242327	14.18
09 SBLK140	70832	7.56	256169	10.31	183647	14.18
10 SBLK141	73986	7.56	277339	10.30	206507	14.17
11 SBLK114	76234	7.56	275952	10.31	211876	14.18

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.: BP112224 SAS No.: BP112224 SDG NO.: BP112224

EPA Sample No.: SSTD020630 Date Analyzed: Nov 22 2024 12:00AM

Lab File ID: BP022942.D Time Analyzed: 11:19

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	486849	16.99	561785	21.45	715935	24.67
02 BG439	515826	16.99	610060	21.44	783886	24.66
03 BG440	531785	17.00	596732	21.44	736550	24.66
04 BG441	571857	16.99	644957	21.45	782960	24.68
05 SLCS168	719533	16.99	814784	21.45	960163	24.66
06 MDL-WATER-QT4-2024-07	599453	16.99	730066	21.43	803426	24.67
07 MDL-SOIL-QT4-2024-07	630150	16.99	712229	21.44	817314	24.66
08 MDL-MED-SOIL-QT4-2024-07	600133	16.99	686264	21.45	789068	24.68
09 SBLK140	447961	16.99	534394	21.44	639498	24.66
10 SBLK141	497291	16.99	534355	21.45	640956	24.67
11 SBLK114	511202	16.99	573896	21.43	689756	24.66

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.: BP112224 SAS No.: BP112224 SDG NO.: BP112224

EPA Sample No.: SSTD020736 Date Analyzed: Nov 22 2024 12:00AM

Lab File ID: BP023297.D Time Analyzed: 11:19

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	564252	16.992	677753	21.445	822122	24.674
UPPER LIMIT	1128504	17.492	1355506	21.945	1644244	25.174
LOWER LIMIT	282126	16.492	338876.5	20.945	411061	24.174
EPA SAMPLE NO.						
01 SBLK168	486849	16.99	561785	21.45	715935	24.67
02 BG439	515826	16.99	610060	21.44	783886	24.66
03 BG440	531785	17.00	596732	21.44	736550	24.66
04 BG441	571857	16.99	644957	21.45	782960	24.68
05 SLCS168	719533	16.99	814784	21.45	960163	24.66
06 MDL-WATER-QT4-2024-07	599453	16.99	730066	21.43	803426	24.67
07 MDL-SOIL-QT4-2024-07	630150	16.99	712229	21.44	817314	24.66
08 MDL-MED-SOIL-QT4-2024-07	600133	16.99	686264	21.45	789068	24.68
09 SBLK140	447961	16.99	534394	21.44	639498	24.66
10 SBLK141	497291	16.99	534355	21.45	640956	24.67
11 SBLK114	511202	16.99	573896	21.43	689756	24.66

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP112224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits	
								Qual	Low	High	RPD
PB165168BS	1,4-Dioxane	16	13	ug/L	81				0	0	
	Benzaldehyde	40	24	ug/L	60				0	0	
	Pyridine	40	33	ug/L	83				0	0	
	Phenol	40	34	ug/L	85				0	0	
	Bis(2-chloroethyl)ether	40	35	ug/L	88				0	0	
	2-Chlorophenol	40	34	ug/L	85				0	0	
	2-Methylphenol	40	33	ug/L	83				0	0	
	2,2-oxybis(1-Chloropropane)	40	37	ug/L	93				0	0	
	Acetophenone	40	32	ug/L	80				0	0	
	4-Methylphenol	40	32	ug/L	80				0	0	
	N-Nitroso-di-n-propylamine	40	35	ug/L	88				0	0	
	Hexachloroethane	40	34	ug/L	85				0	0	
	Nitrobenzene	40	36	ug/L	90				0	0	
	Isophorone	40	37	ug/L	93				0	0	
	2-Nitrophenol	40	35	ug/L	88				0	0	
	2,4-Dimethylphenol	40	29	ug/L	73				0	0	
	Bis(2-chloroethoxy)methane	40	37	ug/L	93				0	0	
	2,4-Dichlorophenol	40	35	ug/L	88				0	0	
	Naphthalene	40	34	ug/L	85				0	0	
	4-Chloroaniline	40	24	ug/L	60				0	0	
	Hexachlorobutadiene	40	33	ug/L	83				0	0	
	Caprolactam	40	36	ug/L	90				0	0	
	4-Chloro-3-methylphenol	40	36	ug/L	90				0	0	
	1-Methylnaphthalene	40	33	ug/L	83				0	0	
	2-Methylnaphthalene	40	34	ug/L	85				0	0	
	Hexachlorocyclopentadiene	40	25	ug/L	63				0	0	
	2,4,6-Trichlorophenol	40	33	ug/L	83				0	0	
	2,4,5-Trichlorophenol	40	34	ug/L	85				0	0	
	1,1'-Biphenyl	40	35	ug/L	88				0	0	
	2-Chloronaphthalene	40	35	ug/L	88				0	0	
	2-Nitroaniline	40	40	ug/L	100				0	0	
	Dimethylphthalate	40	35	ug/L	88				0	0	
	2,6-Dinitrotoluene	40	37	ug/L	93				0	0	
	Acenaphthylene	40	36	ug/L	90				0	0	
	3-Nitroaniline	40	37	ug/L	93				0	0	
	Acenaphthene	40	35	ug/L	88				0	0	
	2,4-Dinitrophenol	40	28	ug/L	70				0	0	
	4-Nitrophenol	40	32	ug/L	80				0	0	
	Dibenzofuran	40	35	ug/L	88				0	0	
	2,4-Dinitrotoluene	40	37	ug/L	93				0	0	
	Diethylphthalate	40	36	ug/L	90				0	0	
	Fluorene	40	35	ug/L	88				0	0	
	4-Chlorophenyl-phenylether	40	35	ug/L	88				0	0	
	4-Nitroaniline	40	42	ug/L	105				0	0	

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP112224

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB165168BS	4,6-Dinitro-2-methylphenol	40	32	ug/L	80				0	0		
	N-Nitrosodiphenylamine	40	36	ug/L	90				0	0		
	1,2,4,5-Tetrachlorobenzene	40	34	ug/L	85				0	0		
	4-Bromophenyl-phenylether	40	34	ug/L	85				0	0		
	Hexachlorobenzene	40	34	ug/L	85				0	0		
	Atrazine	40	13	ug/L	33				0	0		
	Pentachlorophenol	40	27	ug/L	68				0	0		
	Phenanthrene	40	36	ug/L	90				0	0		
	Pentachlorobenzene	40	33	ug/L	83				0	0		
	Anthracene	40	35	ug/L	88				0	0		
	1,2,3,4-Tetrachlorobenzene	40	34	ug/L	85				0	0		
	Carbazole	40	36	ug/L	90				0	0		
	Di-n-butylphthalate	40	39	ug/L	98				0	0		
	Fluoranthene	40	37	ug/L	93				0	0		
	Pyrene	40	37	ug/L	93				0	0		
	Butylbenzylphthalate	40	41	ug/L	103				0	0		
	3,3'-Dichlorobenzidine	40	34	ug/L	85				0	0		
	Benzo(a)anthracene	40	37	ug/L	93				0	0		
	Chrysene	40	37	ug/L	93				0	0		
	Bis(2-ethylhexyl)phthalate	40	41	ug/L	103				0	0		
	Di-n-octylphthalate	40	40	ug/L	100				0	0		
	Benzo(b)fluoranthene	40	38	ug/L	95				0	0		
	Benzo(k)fluoranthene	40	36	ug/L	90				0	0		
	Benzo(a)pyrene	40	36	ug/L	90				0	0		
	Indeno(1,2,3-cd)pyrene	40	34	ug/L	85				0	0		
	Dibenzo(a,h)anthracene	40	34	ug/L	85				0	0		
	Benzo(g,h,i)perylene	40	35	ug/L	88				0	0		
	2,3,4,6-Tetrachlorophenol	40	32	ug/L	80				0	0		

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK114

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP112224

SAS No.: BP112224 SDG NO.: BP112224

Lab File ID: BP023308.D

Lab Sample ID: PB165114BL

Instrument ID: BNA_P

Date Extracted: 11/19/2024

Matrix: (soil/water) Water

Date Analyzed: 11/22/2024

Level: (low/med) LOW

Time Analyzed: 18:04

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT4-2024-07	P4776-01	BP023303.D	11/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK140

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP112224

SAS No.: BP112224 SDG NO.: BP112224

Lab File ID: BP023306.D

Lab Sample ID: PB165140BL

Instrument ID: BNA_P

Date Extracted: 11/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/22/2024

Level: (low/med) LOW

Time Analyzed: 16:43

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-QT4-2024-07	P4776-03	BP023304.D	11/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK141

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP112224

SAS No.: BP112224 SDG NO.: BP112224

Lab File ID: BP023307.D

Lab Sample ID: PB165141BL

Instrument ID: BNA_P

Date Extracted: 11/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 11/22/2024

Level: (low/med) MED

Time Analyzed: 17:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-MED-SOIL-QT4-2024-07	P4776-05	BP023305.D	11/22/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK168

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP112224

SAS No.: BP112224 SDG NO.: BP112224

Lab File ID: BP023298.D

Lab Sample ID: PB165168BL

Instrument ID: BNA_P

Date Extracted: 11/21/2024

Matrix: (soil/water) Water

Date Analyzed: 11/22/2024

Level: (low/med) LOW

Time Analyzed: 11:19

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
BG439	P4930-01	BP023299.D	11/22/2024
BG440	P4930-02	BP023300.D	11/22/2024
BG441	P4930-03	BP023301.D	11/22/2024
PB165168BS	PB165168BS	BP023302.D	11/22/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BP112224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4776-01	MDL-WATER-QT4BP023303.D		1,4-Dioxane-d8	8	3.90	49		15	120
			Pyridine-d5	40	12.04	30		20	120
			Phenol-d5	40	12.84	32		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.04	35		25	120
			2-Chlorophenol-d4	40	13.37	33		20	130
			4-Methylphenol-d8	40	11.83	30		25	125
			Nitrobenzene-d5	40	13.50	34		20	125
			2-Nitrophenol-d4	40	12.85	32		20	130
			2,4-Dichlorophenol-d3	40	12.07	30		20	120
			4-Chloroaniline-d4	40	11.87	30		1	146
			Dimethylphthalate-d6	40	13.82	35		25	130
			Acenaphthylene-d8	40	13.69	34		10	130
			4-Nitrophenol-d4	40	12.55	31		10	150
			Fluorene-d10	40	13.62	34		25	125
			4,6-Dinitro-2-methylphenol-d2	40	8.87	22		10	130
			Anthracene-d10	40	13.38	33		25	130
			Pyrene-d10	40	13.53	34		15	130
			Benzo(a)pyrene-d12	40	14.10	35		20	130
PB165114BL	PB165114BL	BP023308.D	1,4-Dioxane-d8	8	7.87	98		15	120
			Pyridine-d5	40	32.34	81		20	120
			Phenol-d5	40	31.16	78		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.13	90		25	120
			2-Chlorophenol-d4	40	33.22	83		20	130
			4-Methylphenol-d8	40	30.77	77		25	125
			Nitrobenzene-d5	40	35.42	89		20	125
			2-Nitrophenol-d4	40	34.21	86		20	130
			2,4-Dichlorophenol-d3	40	30.46	76		20	120
			4-Chloroaniline-d4	40	30.03	75		1	146
			Dimethylphthalate-d6	40	37.20	93		25	130
			Acenaphthylene-d8	40	35.46	89		10	130
			4-Nitrophenol-d4	40	28.15	70		10	150
			Fluorene-d10	40	35.64	89		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.08	68		10	130
			Anthracene-d10	40	36.69	92		25	130
			Pyrene-d10	40	39.87	100		15	130
			Benzo(a)pyrene-d12	40	36.81	92		20	130

Surrogate Summary

SW-846

SDG No.: BP112224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4776-03	MDL-SOIL-QT4-2(BP023304.D		1,4-Dioxane-d8	8	4.26	53		15	120
			Pyridine-d5	40	11.81	30		20	120
			Phenol-d5	40	12.39	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.25	36		10	150
			2-Chlorophenol-d4	40	13.26	33		15	120
			4-Methylphenol-d8	40	11.77	29		10	140
			Nitrobenzene-d5	40	13.02	33		10	135
			2-Nitrophenol-d4	40	12.31	31		10	120
			2,4-Dichlorophenol-d3	40	12.19	30		10	140
			4-Chloroaniline-d4	40	10.97	27		1	145
			Dimethylphthalate-d6	40	13.45	34		10	145
			Acenaphthylene-d8	40	13.46	34		15	120
			4-Nitrophenol-d4	40	12.54	31		10	150
			Fluorene-d10	40	13.38	33		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.49	24		10	130
			Anthracene-d10	40	13.34	33		10	150
			Pyrene-d10	40	14.10	35		10	130
			Benzo(a)pyrene-d12	40	13.76	34		10	140
PB165140BL	PB165140BL	BP023306.D	1,4-Dioxane-d8	8	8.59	107		15	120
			Pyridine-d5	40	34.29	86		20	120
			Phenol-d5	40	34.95	87		10	130
			Bis(2-Chloroethyl)ether-d8	40	39.14	98		10	150
			2-Chlorophenol-d4	40	36.48	91		15	120
			4-Methylphenol-d8	40	33.02	83		10	140
			Nitrobenzene-d5	40	37.36	93		10	135
			2-Nitrophenol-d4	40	36.21	91		10	120
			2,4-Dichlorophenol-d3	40	32.51	81		10	140
			4-Chloroaniline-d4	40	31.70	79		1	145
			Dimethylphthalate-d6	40	38.95	97		10	145
			Acenaphthylene-d8	40	37.97	95		15	120
			4-Nitrophenol-d4	40	32.13	80		10	150
			Fluorene-d10	40	38.16	95		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.38	71		10	130
			Anthracene-d10	40	39.81	100		10	150
			Pyrene-d10	40	40.16	100		10	130
			Benzo(a)pyrene-d12	40	39.36	98		10	140

Surrogate Summary

SW-846

SDG No.: BP112224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4776-05	MDL-MED-SOIL-(BP023305.D		Pyridine-d5	40	11.53	29		20	120
			1,4-Dioxane-d8	8	4.48	56		15	120
			Phenol-d5	40	12.48	31		10	130
			Bis(2-Chloroethyl)ether-d8	40	14.06	35		10	150
			2-Chlorophenol-d4	40	13.01	33		15	120
			4-Methylphenol-d8	40	11.62	29		10	140
			Nitrobenzene-d5	40	13.38	33		10	135
			2-Nitrophenol-d4	40	12.58	31		10	120
			2,4-Dichlorophenol-d3	40	12.08	30		10	140
			4-Chloroaniline-d4	40	11.48	29		1	145
			Dimethylphthalate-d6	40	13.56	34		10	145
			Acenaphthylene-d8	40	13.16	33		15	120
			4-Nitrophenol-d4	40	12.18	30		10	150
			Fluorene-d10	40	13.19	33		20	140
			4,6-Dinitro-2-methylphenol-d2	40	9.15	23		10	130
			Anthracene-d10	40	13.10	33		10	150
			Pyrene-d10	40	14.02	35		10	130
			Benzo(a)pyrene-d12	40	13.83	35		10	140
PB165141BL	PB165141BL	BP023307.D	1,4-Dioxane-d8	8	8.33	104		15	120
			Pyridine-d5	40	35.08	88		20	120
			Phenol-d5	40	34.98	87		10	130
			Bis(2-Chloroethyl)ether-d8	40	39.41	99		10	150
			2-Chlorophenol-d4	40	35.83	90		15	120
			4-Methylphenol-d8	40	34.55	86		10	140
			Nitrobenzene-d5	40	36.79	92		10	135
			2-Nitrophenol-d4	40	36.04	90		10	120
			2,4-Dichlorophenol-d3	40	33.28	83		10	140
			4-Chloroaniline-d4	40	31.92	80		1	145
			Dimethylphthalate-d6	40	39.81	100		10	145
			Acenaphthylene-d8	40	37.95	95		15	120
			4-Nitrophenol-d4	40	30.53	76		10	150
			Fluorene-d10	40	38.36	96		20	140
			4,6-Dinitro-2-methylphenol-d2	40	28.62	72		10	130
			Anthracene-d10	40	39.59	99		10	150
			Pyrene-d10	40	43.36	108		10	130
			Benzo(a)pyrene-d12	40	39.19	98		10	140

Surrogate Summary

SW-846

SDG No.: BP112224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4930-01	BG439	BP023299.D	1,4-Dioxane-d8	8	6.50	81		15	120
			Pyridine-d5	40	5.72	14	*	20	120
			Phenol-d5	40	9.17	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.13	93		25	120
			2-Chlorophenol-d4	40	30.15	75		20	130
			4-Methylphenol-d8	40	21.20	53		25	125
			Nitrobenzene-d5	40	36.47	91		20	125
			2-Nitrophenol-d4	40	36.34	91		20	130
			2,4-Dichlorophenol-d3	40	32.43	81		20	120
			4-Chloroaniline-d4	40	19.42	49		1	146
			Dimethylphthalate-d6	40	39.05	98		25	130
			Acenaphthylene-d8	40	35.61	89		10	130
			4-Nitrophenol-d4	40	7.89	20		10	150
			Fluorene-d10	40	37.63	94		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.93	80		10	130
			Anthracene-d10	40	42.54	106		25	130
			Pyrene-d10	40	43.64	109		15	130
			Benzo(a)pyrene-d12	40	43.28	108		20	130
P4930-02	BG440	BP023300.D	1,4-Dioxane-d8	8	6.03	75		15	120
			Pyridine-d5	40	4.30	11	*	20	120
			Phenol-d5	40	8.78	22		10	130
			Bis(2-Chloroethyl)ether-d8	40	36.88	92		25	120
			2-Chlorophenol-d4	40	31.03	78		20	130
			4-Methylphenol-d8	40	20.43	51		25	125
			Nitrobenzene-d5	40	35.64	89		20	125
			2-Nitrophenol-d4	40	35.80	90		20	130
			2,4-Dichlorophenol-d3	40	32.55	81		20	120
			4-Chloroaniline-d4	40	20.65	52		1	146
			Dimethylphthalate-d6	40	39.44	99		25	130
			Acenaphthylene-d8	40	36.91	92		10	130
			4-Nitrophenol-d4	40	7.44	19		10	150
			Fluorene-d10	40	37.79	94		25	125
			4,6-Dinitro-2-methylphenol-d2	40	30.09	75		10	130
			Anthracene-d10	40	41.96	105		25	130
			Pyrene-d10	40	44.05	110		15	130
			Benzo(a)pyrene-d12	40	44.11	110		20	130
P4930-03	BG441	BP023301.D	1,4-Dioxane-d8	8	5.95	74		15	120
			Pyridine-d5	40	4.45	11	*	20	120
			Phenol-d5	40	9.23	23		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.66	94		25	120
			2-Chlorophenol-d4	40	30.96	77		20	130
			4-Methylphenol-d8	40	21.77	54		25	125
			Nitrobenzene-d5	40	37.14	93		20	125
			2-Nitrophenol-d4	40	36.67	92		20	130
			2,4-Dichlorophenol-d3	40	33.48	84		20	120
			4-Chloroaniline-d4	40	23.70	59		1	146
			Dimethylphthalate-d6	40	40.17	100		25	130
			Acenaphthylene-d8	40	37.09	93		10	130
			4-Nitrophenol-d4	40	8.06	20		10	150

Surrogate Summary

SW-846

SDG No.: BP112224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P4930-03	BG441	BP023301.D	Fluorene-d10	40	38.69	97		25	125
			4,6-Dinitro-2-methylphenol-d2	40	31.28	78		10	130
			Anthracene-d10	40	41.23	103		25	130
			Pyrene-d10	40	44.83	112		15	130
			Benzo(a)pyrene-d12	40	43.41	109		20	130
PB165168BL	PB165168BL	BP023298.D	Pyridine-d5	40	29.98	75		20	120
			1,4-Dioxane-d8	8	7.27	91		15	120
			Phenol-d5	40	30.64	77		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.81	82		25	120
			2-Chlorophenol-d4	40	31.70	79		20	130
			4-Methylphenol-d8	40	29.00	72		25	125
			Nitrobenzene-d5	40	31.47	79		20	125
			2-Nitrophenol-d4	40	31.29	78		20	130
			2,4-Dichlorophenol-d3	40	28.07	70		20	120
			4-Chloroaniline-d4	40	27.68	69		1	146
			Dimethylphthalate-d6	40	30.64	77		25	130
			Acenaphthylene-d8	40	31.35	78		10	130
			4-Nitrophenol-d4	40	25.70	64		10	150
			Fluorene-d10	40	30.21	76		25	125
			4,6-Dinitro-2-methylphenol-d2	40	18.90	47		10	130
			Anthracene-d10	40	32.51	81		25	130
			Pyrene-d10	40	33.12	83		15	130
			Benzo(a)pyrene-d12	40	34.08	85		20	130
			1,4-Dioxane-d8	8	7.89	99		15	120
			Pyridine-d5	40	34.25	86		20	120
PB165168BS	PB165168BS	BP023302.D	Phenol-d5	40	34.77	87		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.41	94		25	120
			2-Chlorophenol-d4	40	35.87	90		20	130
			4-Methylphenol-d8	40	33.93	85		25	125
			Nitrobenzene-d5	40	36.09	90		20	125
			2-Nitrophenol-d4	40	37.18	93		20	130
			2,4-Dichlorophenol-d3	40	36.27	91		20	120
			4-Chloroaniline-d4	40	29.13	73		1	146
			Dimethylphthalate-d6	40	36.20	90		25	130
			Acenaphthylene-d8	40	37.42	94		10	130
			4-Nitrophenol-d4	40	33.24	83		10	150
			Fluorene-d10	40	36.69	92		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.63	84		10	130
			Anthracene-d10	40	36.75	92		25	130
			Pyrene-d10	40	38.94	97		15	130
			Benzo(a)pyrene-d12	40	37.99	95		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP112224

Lab Code: CHEM

SAS No.: BP112224 SDG NO.: BP112224

Lab File ID: BP023296.D

DFTPP Injection Date: 11/22/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:58

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	27.4
68	Less than 2.0% of mass 69	0.5 (1.7) 1
69	Mass 69 relative abundance	31.9
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	36.1
197	Less than 2.0% of mass 198	0.5
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	32.7
365	Greater than 1% of mass 198	4.4
441	Present, but less than mass 443	12.4
442	Greater than 50% of mass 198	79.5
443	15.0 - 24.0% of mass 442	15.5 (19.5) 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
SSTD020736	SSTDCCC020	BP023297.D	11/22/2024	10:39
SBLK168	PB165168BL	BP023298.D	11/22/2024	11:19
BG439	P4930-01	BP023299.D	11/22/2024	12:00
BG440	P4930-02	BP023300.D	11/22/2024	12:40
BG441	P4930-03	BP023301.D	11/22/2024	13:21
SLCS168	PB165168BS	BP023302.D	11/22/2024	14:01
MDL-WATER-QT4-2024-07	P4776-01	BP023303.D	11/22/2024	14:42
MDL-SOIL-QT4-2024-07	P4776-03	BP023304.D	11/22/2024	15:22
MDL-MED-SOIL-QT4-2024-07	P4776-05	BP023305.D	11/22/2024	16:03
SBLK140	PB165140BL	BP023306.D	11/22/2024	16:43
SBLK141	PB165141BL	BP023307.D	11/22/2024	17:24
SBLK114	PB165114BL	BP023308.D	11/22/2024	18:04
SSTD020737	SSTDCCC020EC	BP023309.D	11/22/2024	18:45