

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP091224 SAS No.: BP091224 SDG No.: BP091224

Instrument ID: BNA_P Calibration Date/Time: 9/12/2024 11:15

Lab File ID: BP021891.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020763 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.664	0.436	0.010	-34.3442	40.0
Benzaldehyde	0.894	0.970	0.010	8.5786	40.0
Pyridine	1.820	1.202	0.010	-33.9749	40.0
Phenol	1.773	1.440	0.080	-18.7745	20.0
Bis(2-Chloroethyl)ether	1.331	1.086	0.100	-18.3842	20.0
2-Chlorophenol	1.224	1.265	0.200	3.3828	20.0
2-Methylphenol	1.254	1.101	0.010	-12.1926	20.0
2,2-oxybis(1-Chloropropane)	1.446	1.113	0.010	-23.0615	40.0
Acetophenone	2.200	2.012	0.060	-8.5495	20.0
4-Methylphenol	1.406	1.246	0.010	-11.426	20.0
N-Nitroso-di-n-propylamine	1.052	0.939	0.050	-10.7325	30.0
Hexachloroethane	0.580	0.563	0.100	-3.0001	20.0
Nitrobenzene	0.334	0.418	0.050	25.2754	25.0
Isophorone	0.622	0.714	0.050	14.7092	25.0
2-Nitrophenol	0.157	0.187	0.050	19.0356	25.0
2,4-Dimethylphenol	0.333	0.386	0.050	15.9626	25.0
Bis(2-Chloroethoxy)methane	0.381	0.400	0.050	4.8908	20.0
2,4-Dichlorophenol	0.321	0.360	0.060	12.0899	20.0
Naphthalene	1.065	1.050	0.200	-1.4365	20.0
4-Chloroaniline	0.450	0.441	0.010	-2.0128	40.0
Hexachlorobutadiene	0.256	0.284	0.040	11.2531	30.0
Caprolactam	0.111	0.108	0.010	-3.1744	40.0
4-Chloro-3-methylphenol	0.363	0.377	0.040	4.0109	25.0
1-Methylnaphthalene	0.796	0.805	0.100	1.0799	20.0
2-Methylnaphthalene	0.781	0.765	0.100	-2.0436	20.0
Hexachlorocyclopentadiene	0.385	0.386	0.010	0.1081	40.0
2,4,6-Trichlorophenol	0.419	0.402	0.090	-4.0123	25.0
2,4,5-Trichlorophenol	0.461	0.435	0.100	-5.8011	25.0
1,1-Biphenyl	1.465	1.369	0.200	-6.5802	20.0
2-Chloronaphthalene	1.184	1.092	0.300	-7.7551	20.0
2-Nitroaniline	0.314	0.328	0.050	4.215	40.0
Dimethylphthalate	1.522	1.505	0.300	-1.1123	20.0
2,6-Dinitrotoluene	0.283	0.299	0.080	5.6868	30.0
Acenaphthylene	1.751	1.697	0.400	-3.116	20.0
3-Nitroaniline	0.287	0.294	0.010	2.3818	40.0
Acenaphthene	1.256	1.249	0.200	-0.5898	20.0
2,4-Dinitrophenol	0.179	0.174	0.010	-2.521	40.0
4-Nitrophenol	0.255	0.319	0.010	25.1402	40.0
Dibenzofuran	1.839	1.817	0.300	-1.2406	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP091224 SAS No.: BP091224 SDG No.: BP091224

Instrument ID: BNA_P Calibration Date/Time: 9/12/2024 11:15

Lab File ID: BP021891.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020763 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.443	0.471	0.070	6.224	30.0
Diethylphthalate	1.528	1.618	0.300	5.8717	20.0
Fluorene	1.613	1.505	0.200	-6.6713	20.0
4-Chlorophenyl-phenylether	0.840	0.805	0.100	-4.1452	20.0
4-Nitroaniline	0.318	0.328	0.010	3.2188	40.0
4,6-Dinitro-2-methylphenol	0.126	0.126	0.010	0.0101	40.0
N-Nitrosodiphenylamine	0.552	0.538	0.050	-2.5279	20.0
1,2,4,5-Tetrachlorobenzene	0.681	0.629	0.100	-7.6444	20.0
4-Bromophenyl-phenylether	0.209	0.210	0.070	0.5588	20.0
Hexachlorobenzene	0.250	0.251	0.050	0.097	25.0
Atrazine	0.216	0.223	0.010	2.8782	25.0
Pentachlorophenol	0.163	0.163	0.010	-0.2681	40.0
Phenanthrene	1.083	1.054	0.200	-2.7572	20.0
Pentachlorobenzene	0.280	0.290	0.050	3.4821	20.0
Anthracene	1.095	1.047	0.200	-4.346	20.0
1,2,3,4-Tetrachlorobenzene	0.280	0.262	0.050	-6.2466	20.0
Carbazole	0.981	0.989	0.050	0.8554	40.0
Di-n-butylphthalate	1.078	1.136	0.500	5.3805	25.0
Fluoranthene	1.274	1.154	0.400	-9.4502	25.0
Pyrene	1.383	1.264	0.400	-8.6444	25.0
Butylbenzylphthalate	0.476	0.479	0.100	0.7449	40.0
3,3-Dichlorobenzidine	0.448	0.457	0.010	2.0739	40.0
Benzo (a) anthracene	1.413	1.389	0.300	-1.7068	30.0
Chrysene	1.351	1.310	0.200	-3.0372	30.0
Bis(2-ethylhexyl)phthalate	0.687	0.709	0.200	3.252	40.0
Di-n-octyl phthalate	1.067	0.976	0.010	-8.5223	40.0
Benzo (b) fluoranthene	1.242	1.209	0.200	-2.6444	25.0
Benzo (k) fluoranthene	1.227	1.189	0.200	-3.1375	25.0
Benzo (a) pyrene	1.146	1.127	0.200	-1.6965	20.0
Indeno (1,2,3-cd) pyrene	1.441	1.440	0.200	-0.0133	25.0
Dibenzo (a,h) anthracene	1.160	1.171	0.200	0.9235	30.0
Benzo (g,h,i) perylene	1.139	1.114	0.200	-2.1857	30.0
2,3,4,6-Tetrachlorophenol	0.397	0.422	0.040	6.1581	20.0
1,4-Dioxane-d8	0.618	0.408	0.010	-33.9977	25.0
Pyridine-d5	1.820	1.206	0.010	-33.7238	40.0
Phenol-d5	1.709	1.379	0.010	-19.3287	25.0
Bis- (2-Chloroethyl) ether-d8	0.993	0.804	0.050	-18.9796	25.0
2-Chlorophenol-d4	1.190	1.235	0.200	3.8307	20.0
4-Methylphenol-d8	1.364	1.211	0.010	-11.2105	20.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP091224 SAS No.: BP091224 SDG No.: BP091224

Instrument ID: BNA_P Calibration Date/Time: 9/12/2024 11:15

Lab File ID: BP021891.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020763 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.125	0.169	0.050	36.0654	20.0
2-Nitrophenol-d4	0.142	0.174	0.050	23.0141	30.0
2,4-Dichlorophenol-d3	0.314	0.350	0.060	11.5813	20.0
4-Chloroaniline-d4	0.457	0.452	0.010	-1.0036	40.0
Dimethylphthalate-d6	1.503	1.491	0.300	-0.7782	20.0
Acenaphthylene-d8	1.648	1.607	0.400	-2.4961	20.0
4-Nitrophenol-d4	0.284	0.281	0.010	-1.0347	40.0
Fluorene-d10	1.428	1.331	0.100	-6.7866	20.0
4,6-Dinitro-2-methylphenol-d2	0.114	0.115	0.010	0.8736	40.0
Anthracene-d10	0.929	0.887	0.300	-4.5518	20.0
Pyrene-d10	1.107	1.020	0.300	-7.8121	25.0
Benzo(a)pyrene-d12	1.041	1.023	0.010	-1.7457	20.0

All other compounds must meet a minimum RRF of 0.010.

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP091224 SAS No.: BP091224 SDG No.: BP091224

Instrument ID: BNA_P Calibration Date/Time: 9/12/2024 1:16:57

Lab File ID: BP021898.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020764 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.664	0.496	0.010	-25.3204	50.0
Benzaldehyde	0.894	1.059	0.010	18.4717	50.0
Pyridine	1.820	1.171	0.010	-35.6787	50.0
Phenol	1.773	1.647	0.080	-7.0705	50.0
Bis(2-Chloroethyl)ether	1.331	1.302	0.100	-2.1634	50.0
2-Chlorophenol	1.224	1.315	0.200	7.4863	50.0
2-Methylphenol	1.254	1.229	0.010	-1.99	50.0
2,2-oxybis(1-Chloropropane)	1.446	1.596	0.010	10.3324	50.0
Acetophenone	2.200	2.123	0.060	-3.4954	50.0
4-Methylphenol	1.406	1.390	0.010	-1.134	50.0
N-Nitroso-di-n-propylamine	1.052	1.078	0.050	2.5014	50.0
Hexachloroethane	0.580	0.435	0.100	-24.9833	50.0
Nitrobenzene	0.334	0.309	0.050	-7.4387	50.0
Isophorone	0.622	0.693	0.050	11.3573	50.0
2-Nitrophenol	0.157	0.180	0.050	14.6729	50.0
2,4-Dimethylphenol	0.333	0.370	0.050	11.222	50.0
Bis(2-Chloroethoxy)methane	0.381	0.429	0.050	12.4989	50.0
2,4-Dichlorophenol	0.321	0.341	0.060	6.3101	50.0
Naphthalene	1.065	1.041	0.200	-2.2644	50.0
4-Chloroaniline	0.450	0.444	0.010	-1.3759	50.0
Hexachlorobutadiene	0.256	0.248	0.040	-2.8435	50.0
Caprolactam	0.111	0.104	0.010	-6.4929	50.0
4-Chloro-3-methylphenol	0.363	0.353	0.040	-2.6936	50.0
1-Methylnaphthalene	0.796	0.611	0.100	-23.2412	50.0
2-Methylnaphthalene	0.781	0.597	0.100	-23.5844	50.0
Hexachlorocyclopentadiene	0.385	0.317	0.010	-17.8902	50.0
2,4,6-Trichlorophenol	0.419	0.394	0.090	-5.8598	50.0
2,4,5-Trichlorophenol	0.461	0.453	0.100	-1.89	50.0
1,1-Biphenyl	1.465	1.438	0.200	-1.8166	50.0
2-Chloronaphthalene	1.184	1.149	0.300	-2.9356	50.0
2-Nitroaniline	0.314	0.307	0.050	-2.4908	50.0
Dimethylphthalate	1.522	1.491	0.300	-2.0377	50.0
2,6-Dinitrotoluene	0.283	0.276	0.080	-2.4901	50.0
Acenaphthylene	1.751	1.742	0.400	-0.5175	50.0
3-Nitroaniline	0.287	0.286	0.010	-0.2293	50.0
Acenaphthene	1.256	1.241	0.200	-1.1843	50.0
2,4-Dinitrophenol	0.179	0.149	0.010	-16.702	50.0
4-Nitrophenol	0.255	0.233	0.010	-8.6401	50.0
Dibenzofuran	1.839	1.780	0.300	-3.2133	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP091224 SAS No.: BP091224 SDG No.: BP091224

Instrument ID: BNA_P Calibration Date/Time: 9/12/2024 1:16:57

Lab File ID: BP021898.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020764 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.443	0.439	0.070	-0.9836	50.0
Diethylphthalate	1.528	1.458	0.300	-4.5822	50.0
Fluorene	1.613	1.465	0.200	-9.1712	50.0
4-Chlorophenyl-phenylether	0.840	0.766	0.100	-8.753	50.0
4-Nitroaniline	0.318	0.311	0.010	-2.2013	50.0
4,6-Dinitro-2-methylphenol	0.126	0.130	0.010	3.1015	50.0
N-Nitrosodiphenylamine	0.552	0.607	0.050	10.1198	50.0
1,2,4,5-Tetrachlorobenzene	0.681	0.556	0.100	-18.4248	50.0
4-Bromophenyl-phenylether	0.209	0.230	0.070	10.1839	50.0
Hexachlorobenzene	0.250	0.275	0.050	9.9838	50.0
Atrazine	0.216	0.199	0.010	-7.8892	50.0
Pentachlorophenol	0.163	0.131	0.010	-19.8781	50.0
Phenanthrene	1.083	1.002	0.200	-7.5172	50.0
Pentachlorobenzene	0.280	0.323	0.050	15.4598	50.0
Anthracene	1.095	1.169	0.200	6.7823	50.0
1,2,3,4-Tetrachlorobenzene	0.280	0.315	0.050	12.4152	50.0
Carbazole	0.981	1.080	0.050	10.1082	50.0
Di-n-butylphthalate	1.078	1.157	0.500	7.3068	50.0
Fluoranthene	1.274	1.272	0.400	-0.1767	50.0
Pyrene	1.383	1.346	0.400	-2.6784	50.0
Butylbenzylphthalate	0.476	0.480	0.100	0.9635	50.0
3,3-Dichlorobenzidine	0.448	0.451	0.010	0.6532	50.0
Benzo (a) anthracene	1.413	1.378	0.300	-2.4476	50.0
Chrysene	1.351	1.318	0.200	-2.454	50.0
Bis(2-ethylhexyl)phthalate	0.687	0.682	0.200	-0.6845	50.0
Di-n-octyl phthalate	1.067	0.791	0.010	-25.8084	50.0
Benzo (b) fluoranthene	1.242	1.229	0.200	-1.0325	50.0
Benzo (k) fluoranthene	1.227	1.215	0.200	-0.9605	50.0
Benzo (a) pyrene	1.146	1.144	0.200	-0.1755	50.0
Indeno (1,2,3-cd) pyrene	1.441	1.385	0.200	-3.8366	50.0
Dibenzo (a,h) anthracene	1.160	1.120	0.200	-3.5256	50.0
Benzo (g,h,i) perylene	1.139	1.089	0.200	-4.4425	50.0
2,3,4,6-Tetrachlorophenol	0.397	0.403	0.040	1.4279	50.0
1,4-Dioxane-d8	0.618	0.480	0.010	-22.3883	50.0
Pyridine-d5	1.820	1.157	0.010	-36.4244	50.0
Phenol-d5	1.709	1.575	0.010	-7.8117	50.0
Bis- (2-Chloroethyl) ether-d8	0.993	0.970	0.050	-2.2986	50.0
2-Chlorophenol-d4	1.190	1.283	0.200	7.8119	50.0
4-Methylphenol-d8	1.364	1.310	0.010	-4.0063	50.0

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP091224 SAS No.: BP091224 SDG No.: BP091224

Instrument ID: BNA_P Calibration Date/Time: 9/12/2024 1:16:57

Lab File ID: BP021898.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020764 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.125	0.116	0.050	-6.6512	50.0
2-Nitrophenol-d4	0.142	0.159	0.050	12.4249	50.0
2,4-Dichlorophenol-d3	0.314	0.339	0.060	8.2423	50.0
4-Chloroaniline-d4	0.457	0.451	0.010	-1.3468	50.0
Dimethylphthalate-d6	1.503	1.496	0.300	-0.4043	50.0
Acenaphthylene-d8	1.648	1.632	0.400	-1.0103	50.0
4-Nitrophenol-d4	0.284	0.268	0.010	-5.6049	50.0
Fluorene-d10	1.428	1.312	0.100	-8.1142	50.0
4,6-Dinitro-2-methylphenol-d2	0.114	0.115	0.010	0.4168	50.0
Anthracene-d10	0.929	0.960	0.300	3.3218	50.0
Pyrene-d10	1.107	1.116	0.300	0.8784	50.0
Benzo(a)pyrene-d12	1.041	1.019	0.010	-2.1244	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	SBLK193	SDG No.:	BP091224
Lab Sample ID:	PB163193BL	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
BP021892.D	1	9/5/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163193

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:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	SBLK193	SDG No.:	BP091224
Lab Sample ID:	PB163193BL	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
BP021892.D	1	9/5/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163193

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:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	SBLK193	SDG No.:	BP091224
Lab Sample ID:	PB163193BL	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
BP021892.D	1	9/5/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163193

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	4.116		15-120		51	SPK: -8
7291-22-7	Pyridine-d5	18.285		20-120		46	SPK: -40
4165-62-2	Phenol-d5	23.623		10-130		59	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.626		25-120		59	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.58		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	22.401		25-125		56	SPK: -40
4165-60-0	Nitrobenzene-d5	34.99		20-125		87	SPK: -40
93951-78-1	2-Nitrophenol-d4	34.227		20-130		86	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	29.189		20-120		73	SPK: -40
191656-33-4	4-Chloroaniline-d4	25.951		1-146		65	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.531		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	28.406		10-130		71	SPK: -40
93951-79-2	4-Nitrophenol-d4	25.613		10-150		64	SPK: -40
81103-79-9	Fluorene-d10	28.005		25-125		70	SPK: -40

Report of Analysis

Client:		Date Collected:	9/5/2024 12:00:00 AM
Project:		Date Received:	9/5/2024 12:00:00 AM
Client Sample ID:	SBLK193	SDG No.:	BP091224
Lab Sample ID:	PB163193BL	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
BP021892.D	1	9/5/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163193

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	26.424		10-130		66	SPK: -40
1719-06-8	Anthracene-d10	29.4		25-130		74	SPK: -40
1718-52-1	Pyrene-d10	29.577		15-130		74	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.836		20-130		75	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	107735	7.763				
1146-65-2	Naphthalene-d8	373354	10.528				
15067-26-2	Acenaphthene-d10	308558	14.363				
1517-22-2	Phenanthrene-d10	746377	17.157				
1719-03-5	Chrysene-d12	842360	21.58				
1520-96-3	Perylene-d12	964123	24.904				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-05	SDG No.:	BP091224
Lab Sample ID:	P3391-01	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
BP021893.D	1	9/5/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163193

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.9	J	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	5	J	1.1	5	10	ug/L
110-86-1	Pyridine	3.3	J	1.7	10	10	ug/L
108-95-2	Phenol	4	J	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	4.2	J	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	4.8	J	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	3.6	J	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.1	J	1.9	5	10	ug/L
98-86-2	Acetophenone	4.4	J	1.5	5	10	ug/L
106-44-5	4-Methylphenol	3.8	J	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	4.4	J	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	4.6	J	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	5.8		1.4	2.5	5	ug/L
78-59-1	Isophorone	5		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	5.5		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	2.1	J	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	5.2		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	4.9	J	1.1	2.5	5	ug/L
91-20-3	Naphthalene	4.7	J	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	4.3	J	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	5.1		1.5	2.5	5	ug/L
105-60-2	Caprolactam	6.2	J	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	4.1	J	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	4.6	J	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	4.5	J	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	4.9	J	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	4	J	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	4	J	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-05	SDG No.:	BP091224
Lab Sample ID:	P3391-01	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
BP021893.D	1	9/5/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163193

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4.6	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	4.3	J	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	4.8	J	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	4.5	J	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	4.9	J	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	4	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	7.1	J	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	5.8	J	1.4	5	10	ug/L
132-64-9	Dibenzofuran	4.8	J	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	4.5	J	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	4.8	J	1.3	2.5	5	ug/L
86-73-7	Fluorene	4.5	J	0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.6	J	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	3.8	J	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4.7	J	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	4.4	J	1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	4.5	J	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.7	J	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	5		1.2	2.5	5	ug/L
1912-24-9	Atrazine	4.8	J	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	7.2	J	1.9	5	10	ug/L
85-01-8	Phenanthrene	4.6	J	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	4.9	J	1.7	2.5	5	ug/L
120-12-7	Anthracene	4	J	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4.4	J	1.7	2.5	5	ug/L
86-74-8	Carbazole	4.4	J	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	4.6	J	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	4.3	J	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-05	SDG No.:	BP091224
Lab Sample ID:	P3391-01	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
BP021893.D	1	9/5/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163193

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4.3	J	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	4.3	J	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3.7	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	4.6	J	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4.3	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	4.5	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	4.7	J	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.1		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	5.2		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.4	J	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.579		15-120		45	SPK: -8
7291-22-7	Pyridine-d5	16.874		20-120		42	SPK: -40
4165-62-2	Phenol-d5	20.3		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.193		25-120		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	23.774		20-130		59	SPK: -40
190780-66-6	4-Methylphenol-d8	19.251		25-125		48	SPK: -40
4165-60-0	Nitrobenzene-d5	29.142		20-125		73	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.703		20-130		69	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.094		20-120		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.707		1-146		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.728		25-130		59	SPK: -40
93951-97-4	Acenaphthylene-d8	22.766		10-130		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.57		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	21.779		25-125		54	SPK: -40

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT3-2024-05	SDG No.:	BP091224
Lab Sample ID:	P3391-01	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
BP021893.D	1	9/5/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163193

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.268		10-130		51	SPK: -40
1719-06-8	Anthracene-d10	19.523		25-130		49	SPK: -40
1718-52-1	Pyrene-d10	21.701		15-130		54	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.983		20-130		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	86503	7.752				
1146-65-2	Naphthalene-d8	340104	10.516				
15067-26-2	Acenaphthene-d10	248627	14.363				
1517-22-2	Phenanthrene-d10	607283	17.157				
1719-03-5	Chrysene-d12	699969	21.58				
1520-96-3	Perylene-d12	816937	24.909				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SBLK198	SDG No.:	BP091224
Lab Sample ID:	PB163198BL	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
BP021894.D	1	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

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:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SBLK198	SDG No.:	BP091224
Lab Sample ID:	PB163198BL	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
BP021894.D	1	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

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:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SBLK198	SDG No.:	BP091224
Lab Sample ID:	PB163198BL	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
BP021894.D	1	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

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	3.918		15-120		49	SPK: -8
7291-22-7	Pyridine-d5	18.012		20-120		45	SPK: -40
4165-62-2	Phenol-d5	24.044		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.154		10-150		63	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.551		15-120		71	SPK: -40
190780-66-6	4-Methylphenol-d8	25.241		10-140		63	SPK: -40
4165-60-0	Nitrobenzene-d5	33.379		10-135		83	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.214		10-120		81	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.779		10-140		69	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.78		1-145		62	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.573		10-145		76	SPK: -40
93951-97-4	Acenaphthylene-d8	27.794		15-120		69	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.6		10-150		62	SPK: -40
81103-79-9	Fluorene-d10	26.542		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	9/6/2024 12:00:00 AM
Project:		Date Received:	9/6/2024 12:00:00 AM
Client Sample ID:	SBLK198	SDG No.:	BP091224
Lab Sample ID:	PB163198BL	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
BP021894.D	1	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	24.861		10-130		62	SPK: -40
1719-06-8	Anthracene-d10	28.389		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	28.433		10-130		71	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	28.101		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	96825	7.728				
1146-65-2	Naphthalene-d8	390259	10.505				
15067-26-2	Acenaphthene-d10	280968	14.357				
1517-22-2	Phenanthrene-d10	670662	17.151				
1719-03-5	Chrysene-d12	724824	21.592				
1520-96-3	Perylene-d12	798179	24.916				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	SBLK275	SDG No.:	BP091224
Lab Sample ID:	PB163275BL	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 Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP021895.D	1	9/10/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	270	U	270	200	2000	ug/Kg
110-86-1	Pyridine	1700	U	1700	4900	9900	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	2500	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:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	SBLK275	SDG No.:	BP091224
Lab Sample ID:	PB163275BL	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
BP021895.D	1	9/10/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163275

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:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	SBLK275	SDG No.:	BP091224
Lab Sample ID:	PB163275BL	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
BP021895.D	1	9/10/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163275

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	4.122		15-120		52	SPK: -8
7291-22-7	Pyridine-d5	17.877		20-120		45	SPK: -40
4165-62-2	Phenol-d5	22.683		10-130		57	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.174		10-150		60	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.763		15-120		69	SPK: -40
190780-66-6	4-Methylphenol-d8	23.486		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	33.449		10-135		84	SPK: -40
93951-78-1	2-Nitrophenol-d4	31.873		10-120		80	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.933		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.315		1-145		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.982		10-145		72	SPK: -40
93951-97-4	Acenaphthylene-d8	26.764		15-120		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	24.185		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	25.398		20-140		63	SPK: -40

Report of Analysis

Client:		Date Collected:	9/10/2024 12:00:00 AM
Project:		Date Received:	9/10/2024 12:00:00 AM
Client Sample ID:	SBLK275	SDG No.:	BP091224
Lab Sample ID:	PB163275BL	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
BP021895.D	1	9/10/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	25.628		10-130		64	SPK: -40
1719-06-8	Anthracene-d10	28.532		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	28.077		10-130		70	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.568		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	83412	7.763				
1146-65-2	Naphthalene-d8	324358	10.528				
15067-26-2	Acenaphthene-d10	240897	14.363				
1517-22-2	Phenanthrene-d10	555943	17.157				
1719-03-5	Chrysene-d12	607517	21.586				
1520-96-3	Perylene-d12	726406	24.909				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	690	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT3-2024-05	SDG No.:	BP091224
Lab Sample ID:	P3391-03	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
BP021896.D	1	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	30	J	11	6.6	67	ug/Kg
100-52-7	Benzaldehyde	170	J	45	82.5	330	ug/Kg
110-86-1	Pyridine	110	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	150	J	40	82.5	330	ug/Kg
95-57-8	2-Chlorophenol	160	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)	140	J	60	82.5	330	ug/Kg
98-86-2	Acetophenone	150	J	40	82.5	330	ug/Kg
106-44-5	4-Methylphenol	130	J	37	82.5	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	150	J	51	42.5	170	ug/Kg
67-72-1	Hexachloroethane	150	J	18	42.5	170	ug/Kg
98-95-3	Nitrobenzene	190		31	42.5	170	ug/Kg
78-59-1	Isophorone	170		48	42.5	170	ug/Kg
88-75-5	2-Nitrophenol	180		31	42.5	170	ug/Kg
105-67-9	2,4-Dimethylphenol	72	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	160	J	16	42.5	170	ug/Kg
91-20-3	Naphthalene	160	J	25	42.5	170	ug/Kg
106-47-8	4-Chloroaniline	140	J	24	42.5	330	ug/Kg
87-68-3	Hexachlorobutadiene	170		44	42.5	170	ug/Kg
105-60-2	Caprolactam	210	J	72	82.5	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	140	J	49	42.5	170	ug/Kg
90-12-0	1-Methylnaphthalene	150	J	33	42.5	170	ug/Kg
91-57-6	2-Methylnaphthalene	150	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:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT3-2024-05	SDG No.:	BP091224
Lab Sample ID:	P3391-03	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
BP021896.D	1	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

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	160	J	29	42.5	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	140	J	44	42.5	170	ug/Kg
208-96-8	Acenaphthylene	160	J	32	42.5	170	ug/Kg
99-09-2	3-Nitroaniline	130	J	44	82.5	330	ug/Kg
83-32-9	Acenaphthene	160	J	29	42.5	170	ug/Kg
51-28-5	2,4-Dinitrophenol	230	J	48	82.5	330	ug/Kg
100-02-7	4-Nitrophenol	200	J	44	82.5	330	ug/Kg
132-64-9	Dibenzofuran	160	J	32	42.5	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	160	J	43	42.5	170	ug/Kg
84-66-2	Diethylphthalate	160	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	120	J	31	82.5	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	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	160	J	29	42.5	170	ug/Kg
118-74-1	Hexachlorobenzene	160	J	32	42.5	170	ug/Kg
1912-24-9	Atrazine	160	J	71	82.5	330	ug/Kg
87-86-5	Pentachlorophenol	230	J	74	82.5	330	ug/Kg
85-01-8	Phenanthrene	150	J	29	42.5	170	ug/Kg
608-93-5	Pentachlorobenzene	160	J	52	42.5	170	ug/Kg
120-12-7	Anthracene	130	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	150	J	28	82.5	330	ug/Kg
84-74-2	Di-n-butylphthalate	150	J	61	42.5	170	ug/Kg
206-44-0	Fluoranthene	140	J	54	82.5	170	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT3-2024-05	SDG No.:	BP091224
Lab Sample ID:	P3391-03	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
BP021896.D	1	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	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	130	J	76	82.5	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	33	42.5	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	38	42.5	170	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	32	42.5	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	170		31	42.5	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	180		28	42.5	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	180		26	42.5	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	150	J	33	42.5	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.453		15-120		43	SPK: -8
7291-22-7	Pyridine-d5	17.01		20-120		43	SPK: -40
4165-62-2	Phenol-d5	20.487		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.605		10-150		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.382		15-120		61	SPK: -40
190780-66-6	4-Methylphenol-d8	19.309		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	28.245		10-135		71	SPK: -40
93951-78-1	2-Nitrophenol-d4	27.292		10-120		68	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.055		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.685		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.592		10-145		59	SPK: -40
93951-97-4	Acenaphthylene-d8	22.601		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.668		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	21.797		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT3-2024-05	SDG No.:	BP091224
Lab Sample ID:	P3391-03	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
BP021896.D	1	9/6/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163198

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.015		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	19.467		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	21.062		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.802		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	80543	7.763				
1146-65-2	Naphthalene-d8	325098	10.528				
15067-26-2	Acenaphthene-d10	242529	14.369				
1517-22-2	Phenanthrene-d10	603378	17.151				
1719-03-5	Chrysene-d12	708475	21.592				
1520-96-3	Perylene-d12	830427	24.921				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT3-2024-05	SDG No.:	BP091224
Lab Sample ID:	P3391-05	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
BP021897.D	1	9/10/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1000	J	260	190	1900	ug/Kg
100-52-7	Benzaldehyde	5100	J	1300	2400	9600	ug/Kg
110-86-1	Pyridine	3200	J	1600	4800	9600	ug/Kg
108-95-2	Phenol	4000	J	1200	2400	9600	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4300	J	1100	2400	9600	ug/Kg
95-57-8	2-Chlorophenol	4700	J	750	1200	4800	ug/Kg
95-48-7	2-Methylphenol	3700	J	840	2400	9600	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	4700	J	1900	2400	9600	ug/Kg
98-86-2	Acetophenone	4300	J	930	2400	9600	ug/Kg
106-44-5	4-Methylphenol	3900	J	820	2400	9600	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4400	J	1600	1200	4800	ug/Kg
67-72-1	Hexachloroethane	4300	J	460	1200	4800	ug/Kg
98-95-3	Nitrobenzene	5300		900	1200	4800	ug/Kg
78-59-1	Isophorone	4900		1100	1200	4800	ug/Kg
88-75-5	2-Nitrophenol	4900		670	1200	4800	ug/Kg
105-67-9	2,4-Dimethylphenol	1900	J	680	1200	4800	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	5000		1300	1200	4800	ug/Kg
120-83-2	2,4-Dichlorophenol	4500	J	620	1200	4800	ug/Kg
91-20-3	Naphthalene	4500	J	670	1200	4800	ug/Kg
106-47-8	4-Chloroaniline	4200	J	540	1200	9600	ug/Kg
87-68-3	Hexachlorobutadiene	4700	J	1300	1200	4800	ug/Kg
105-60-2	Caprolactam	6600	J	2700	2400	9600	ug/Kg
59-50-7	4-Chloro-3-methylphenol	4000	J	1300	1200	4800	ug/Kg
90-12-0	1-Methylnaphthalene	4400	J	1200	1200	4800	ug/Kg
91-57-6	2-Methylnaphthalene	4400	J	620	1200	4800	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4500	J	2600	2400	9600	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4000	J	1200	1200	4800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3800	J	730	1200	4800	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT3-2024-05	SDG No.:	BP091224
Lab Sample ID:	P3391-05	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
BP021897.D	1	9/10/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4500	J	670	1200	4800	ug/Kg
91-58-7	2-Chloronaphthalene	4600	J	670	1200	4800	ug/Kg
88-74-4	2-Nitroaniline	3900	J	1500	1200	4800	ug/Kg
131-11-3	Dimethylphthalate	4800		700	1200	4800	ug/Kg
606-20-2	2,6-Dinitrotoluene	4000	J	1300	1200	4800	ug/Kg
208-96-8	Acenaphthylene	4800		760	1200	4800	ug/Kg
99-09-2	3-Nitroaniline	3800	J	820	2400	9600	ug/Kg
83-32-9	Acenaphthene	4600	J	790	1200	4800	ug/Kg
51-28-5	2,4-Dinitrophenol	5700	J	2800	2400	9600	ug/Kg
100-02-7	4-Nitrophenol	5000	J	1100	2400	9600	ug/Kg
132-64-9	Dibenzofuran	4500	J	690	1200	4800	ug/Kg
121-14-2	2,4-Dinitrotoluene	4200	J	930	1200	4800	ug/Kg
84-66-2	Diethylphthalate	4500	J	790	1200	4800	ug/Kg
86-73-7	Fluorene	4300	J	680	1200	4800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4300	J	680	1200	4800	ug/Kg
100-01-6	4-Nitroaniline	3700	J	740	2400	9600	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4200	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	4600	J	680	1200	4800	ug/Kg
118-74-1	Hexachlorobenzene	4700	J	780	1200	4800	ug/Kg
1912-24-9	Atrazine	4600	J	1900	2400	9600	ug/Kg
87-86-5	Pentachlorophenol	6500	J	1700	2400	9600	ug/Kg
85-01-8	Phenanthrene	4400	J	810	1200	4800	ug/Kg
608-93-5	Pentachlorobenzene	4800		1500	1200	4800	ug/Kg
120-12-7	Anthracene	3800	J	650	1200	4800	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	4300	J	1600	1200	4800	ug/Kg
86-74-8	Carbazole	4200	J	590	2400	9600	ug/Kg
84-74-2	Di-n-butylphthalate	4300	J	1400	1200	4800	ug/Kg
206-44-0	Fluoranthene	4500	J	1300	2400	4800	ug/Kg

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT3-2024-05	SDG No.:	BP091224
Lab Sample ID:	P3391-05	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
BP021897.D	1	9/10/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163275

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	4500	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	4500	J	530	1200	4800	ug/Kg
218-01-9	Chrysene	4400	J	750	1200	4800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4300	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	4600	J	1100	1200	4800	ug/Kg
207-08-9	Benzo(k)fluoranthene	4700	J	740	1200	4800	ug/Kg
50-32-8	Benzo(a)pyrene	4600	J	1100	1200	4800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4600	J	880	1200	4800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4700	J	740	1200	4800	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4800		880	1200	4800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4300	J	930	1200	4800	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.351		15-120		42	SPK: -8
7291-22-7	Pyridine-d5	16.207		20-120		41	SPK: -40
4165-62-2	Phenol-d5	21.06		10-130		53	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	21.457		10-150		54	SPK: -40
93951-73-6	2-Chlorophenol-d4	24.094		15-120		60	SPK: -40
190780-66-6	4-Methylphenol-d8	19.478		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	28.054		10-135		70	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.729		10-120		67	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.088		10-140		60	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.958		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.096		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	22.809		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.516		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	21.616		20-140		54	SPK: -40

Report of Analysis

Client:		Date Collected:	7/29/2024 12:00:00 AM
Project:		Date Received:	7/29/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT3-2024-05	SDG No.:	BP091224
Lab Sample ID:	P3391-05	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
BP021897.D	1	9/10/2024 12:00:00 AM	9/12/2024 12:00:00 AM	PB163275

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.52		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	19.527		10-150		49	SPK: -40
1718-52-1	Pyrene-d10	22.843		10-130		57	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.827		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	115561	7.763				
1146-65-2	Naphthalene-d8	472774	10.528				
15067-26-2	Acenaphthene-d10	341235	14.369				
1517-22-2	Phenanthrene-d10	822353	17.157				
1719-03-5	Chrysene-d12	900858	21.586				
1520-96-3	Perylene-d12	1006905	24.909				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	670	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP091224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	MDL-WATER-QT3-2024-05						
P3391-01	MDL-WATER-QT3-2024 Water	Total Alkanes	*	0.000	1.1	5	ug/L
		Total Tics :			0.00		
P3391-01	MDL-WATER-QT3-2024 Water	1,1-Biphenyl	4.600	J	1.1	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	1,2,3,4-Tetrachlorobenzene	4.400	J	1.7	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	1,2,4,5-Tetrachlorobenzene	4.500	J	1.4	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	1,4-Dioxane	0.900	J	0.35	2	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	1-Methylnaphthalene	4.600	J	0.91	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2,2-oxybis(1-Chloropropane)	4.100	J	1.9	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2,3,4,6-Tetrachlorophenol	4.400	J	1.5	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2,4,5-Trichlorophenol	4.000	J	1.6	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2,4,6-Trichlorophenol	4.000	J	2	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2,4-Dichlorophenol	4.900	J	1.1	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2,4-Dimethylphenol	2.100	J	0.69	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2,4-Dinitrophenol	7.100	J	1.8	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2,4-Dinitrotoluene	4.500	J	1.5	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2,6-Dinitrotoluene	4.500	J	1.7	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2-Chloronaphthalene	4.600	J	1.1	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2-Chlorophenol	4.800	J	0.91	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2-Methylnaphthalene	4.500	J	1.1	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2-Methylphenol	3.600	J	1.5	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2-Nitroaniline	4.300	J	1.8	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	2-Nitrophenol	5.500		1.2	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	3,3-Dichlorobenzidine	3.700	J	1.4	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	3-Nitroaniline	4.000	J	1.6	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	4,6-Dinitro-2-methylphenol	4.700	J	2.4	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	4-Bromophenyl-phenylether	4.700	J	0.95	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	4-Chloro-3-methylphenol	4.100	J	1.6	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	4-Chloroaniline	4.300	J	0.94	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	4-Chlorophenyl-phenylether	4.600	J	1.1	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	4-Methylphenol	3.800	J	1.7	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	4-Nitroaniline	3.800	J	0.83	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	4-Nitrophenol	5.800	J	1.4	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Acenaphthene	4.600	J	0.96	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Acenaphthylene	4.900	J	1.2	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Acetophenone	4.400	J	1.5	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Anthracene	4.000	J	1.1	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Atrazine	4.800	J	1.8	10	ug/L

Hit Summary Sheet SW-846

SDG No.: BP091224

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P3391-01	MDL-WATER-QT3-2024 Water	Benzaldehyde	5.000	J	1.1	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Benzo(a)anthracene	4.500	J	1.1	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Benzo(a)pyrene	4.700	J	1.1	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Benzo(b)fluoranthene	4.500	J	1.4	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Benzo(g,h,i)perylene	5.200		1.2	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Benzo(k)fluoranthene	4.800	J	1.4	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Bis(2-Chloroethoxy)methane	5.200		1.5	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Bis(2-Chloroethyl)ether	4.200	J	1.4	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Bis(2-ethylhexyl)phthalate	4.300	J	3	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Butylbenzylphthalate	4.300	J	2.7	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Caprolactam	6.200	J	2.6	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Carbazole	4.400	J	1.1	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Chrysene	4.600	J	1.1	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Di-n-butylphthalate	4.600	J	1.9	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Di-n-octyl phthalate	3.900	J	2.4	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Dibenzo(a,h)anthracene	5.100		1.3	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Dibenzofuran	4.800	J	1.1	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Diethylphthalate	4.800	J	1.3	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Dimethylphthalate	4.800	J	1.1	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Fluoranthene	4.300	J	1.9	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Fluorene	4.500	J	0.94	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Hexachlorobenzene	5.000		1.2	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Hexachlorobutadiene	5.100		1.5	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Hexachlorocyclopentadiene	4.900	J	3.1	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Hexachloroethane	4.600	J	1.1	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Indeno(1,2,3-cd)pyrene	5.000		1.4	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Isophorone	5.000		1.7	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	N-Nitroso-di-n-propylamine	4.400	J	1.9	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	N-Nitrosodiphenylamine	4.400	J	1.3	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Naphthalene	4.700	J	0.94	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Nitrobenzene	5.800		1.4	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Pentachlorobenzene	4.900	J	1.7	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Pentachlorophenol	7.200	J	1.9	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Phenanthrene	4.600	J	1.2	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Phenol	4.000	J	1.6	10	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Pyrene	4.300	J	1.8	5	ug/L
P3391-01	MDL-WATER-QT3-2024 Water	Pyridine	3.300	J	1.7	10	ug/L

Total Svoc :

328.00

Total Concentration:

328.00

Client ID : MDL-SOIL-QT3-2024-05

Hit Summary Sheet SW-846

SDG No.: BP091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Total Alkanes	*	0.000	24	170	ug/Kg
			Total Tics :			0.00		
P3391-03	MDL-SOIL-QT3-2024-01	Solid	1,1-Biphenyl	150.000	J	24	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	1,2,3,4-Tetrachlorobenzene	140.000	J	50	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	1,2,4,5-Tetrachlorobenzene	150.000	J	24	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	1,4-Dioxane	30.000	J	11	67	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	1-Methylnaphthalene	150.000	J	33	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2,2-oxybis(1-Chloropropane)	140.000	J	60	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2,3,4,6-Tetrachlorophenol	150.000	J	33	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2,4,5-Trichlorophenol	130.000	J	39	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2,4,6-Trichlorophenol	130.000	J	49	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2,4-Dichlorophenol	160.000	J	16	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2,4-Dimethylphenol	72.000	J	25	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2,4-Dinitrophenol	230.000	J	48	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2,4-Dinitrotoluene	160.000	J	43	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2,6-Dinitrotoluene	140.000	J	44	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2-Chloronaphthalene	150.000	J	26	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2-Chlorophenol	160.000	J	23	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2-Methylnaphthalene	150.000	J	23	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2-Methylphenol	130.000	J	39	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2-Nitroaniline	140.000	J	41	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	2-Nitrophenol	180.000		31	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	3,3-Dichlorobenzidine	130.000	J	48	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	3-Nitroaniline	130.000	J	44	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	4,6-Dinitro-2-methylphenol	150.000	J	77	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	4-Bromophenyl-phenylether	160.000	J	29	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	4-Chloro-3-methylphenol	140.000	J	49	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	4-Chloroaniline	140.000	J	24	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	4-Chlorophenyl-phenylether	150.000	J	20	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	4-Methylphenol	130.000	J	37	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	4-Nitroaniline	120.000	J	31	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	4-Nitrophenol	200.000	J	44	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Acenaphthene	160.000	J	29	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Acenaphthylene	160.000	J	32	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Acetophenone	150.000	J	40	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Anthracene	130.000	J	25	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Atrazine	160.000	J	71	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Benzaldehyde	170.000	J	45	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Benzo(a)anthracene	150.000	J	27	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Benzo(a)pyrene	150.000	J	32	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Benzo(b)fluoranthene	160.000	J	33	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Benzo(g,h,i)perylene	180.000		26	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Benzo(k)fluoranthene	160.000	J	38	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Bis(2-Chloroethoxy)methane	160.000	J	43	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Bis(2-Chloroethyl)ether	150.000	J	40	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Bis(2-ethylhexyl)phthalate	140.000	J	96	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Butylbenzylphthalate	140.000	J	84	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Caprolactam	210.000	J	72	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Carbazole	150.000	J	28	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Chrysene	150.000	J	31	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Di-n-butylphthalate	150.000	J	61	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Di-n-octyl phthalate	130.000	J	76	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Dibenzo(a,h)anthracene	180.000		28	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Dibenzofuran	160.000	J	32	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Diethylphthalate	160.000	J	30	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Dimethylphthalate	160.000	J	29	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Fluoranthene	140.000	J	54	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Fluorene	150.000	J	25	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Hexachlorobenzene	160.000	J	32	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Hexachlorobutadiene	170.000		44	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Hexachlorocyclopentadiene	160.000	J	95	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Hexachloroethane	150.000	J	18	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Indeno(1,2,3-cd)pyrene	170.000		31	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Isophorone	170.000		48	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	N-Nitroso-di-n-propylamine	150.000	J	51	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	N-Nitrosodiphenylamine	150.000	J	33	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Naphthalene	160.000	J	25	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Nitrobenzene	190.000		31	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Pentachlorobenzene	160.000	J	52	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Pentachlorophenol	230.000	J	74	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Phenanthrene	150.000	J	29	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Phenol	130.000	J	43	330	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Pyrene	140.000	J	49	170	ug/Kg
P3391-03	MDL-SOIL-QT3-2024-01	Solid	Pyridine	110.000	J	33	330	ug/Kg
Total Svoc :				10,902.00				
Total Concentration:				10,902.00				

Client ID : MDL-MED-SOIL-QT3-2024-05

P3391-05	MDL-MED-SOIL-QT3-2	Solid	Total Alkanes	*	0.000	670	4800	ug/Kg
Total Tics :					0.00			
P3391-05	MDL-MED-SOIL-QT3-2	Solid	1,1-Biphenyl		4,500.000	J 670	4800	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3391-05	MDL-MED-SOIL-QT3-2	Solid	1,2,3,4-Tetrachlorobenzene	4,300.000	J	1600	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	1,2,4,5-Tetrachlorobenzene	4,400.000	J	620	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	1,4-Dioxane	1,000.000	J	260	1900	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	1-Methylnaphthalene	4,400.000	J	1200	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2,2-oxybis(1-Chloropropane)	4,700.000	J	1900	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2,3,4,6-Tetrachlorophenol	4,300.000	J	930	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2,4,5-Trichlorophenol	3,800.000	J	730	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2,4,6-Trichlorophenol	4,000.000	J	1200	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2,4-Dichlorophenol	4,500.000	J	620	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2,4-Dimethylphenol	1,900.000	J	680	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2,4-Dinitrophenol	5,700.000	J	2800	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2,4-Dinitrotoluene	4,200.000	J	930	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2,6-Dinitrotoluene	4,000.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2-Chloronaphthalene	4,600.000	J	670	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2-Chlorophenol	4,700.000	J	750	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2-Methylnaphthalene	4,400.000	J	620	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2-Methylphenol	3,700.000	J	840	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2-Nitroaniline	3,900.000	J	1500	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	2-Nitrophenol	4,900.000		670	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	3,3-Dichlorobenzidine	3,700.000	J	1500	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	3-Nitroaniline	3,800.000	J	820	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	4,6-Dinitro-2-methylphenol	4,200.000	J	2100	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	4-Bromophenyl-phenylether	4,600.000	J	680	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	4-Chloro-3-methylphenol	4,000.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	4-Chloroaniline	4,200.000	J	540	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	4-Chlorophenyl-phenylether	4,300.000	J	680	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	4-Methylphenol	3,900.000	J	820	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	4-Nitroaniline	3,700.000	J	740	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	4-Nitrophenol	5,000.000	J	1100	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Acenaphthene	4,600.000	J	790	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Acenaphthylene	4,800.000		760	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Acetophenone	4,300.000	J	930	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Anthracene	3,800.000	J	650	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Atrazine	4,600.000	J	1900	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Benzaldehyde	5,100.000	J	1300	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Benzo(a)anthracene	4,500.000	J	530	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Benzo(a)pyrene	4,600.000	J	1100	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Benzo(b)fluoranthene	4,600.000	J	1100	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Benzo(g,h,i)perylene	4,800.000		880	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Benzo(k)fluoranthene	4,700.000	J	740	4800	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BP091224

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Bis(2-Chloroethoxy)methane	5,000.000		1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Bis(2-Chloroethyl)ether	4,300.000	J	1100	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Bis(2-ethylhexyl)phthalate	4,300.000	J	2500	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Butylbenzylphthalate	4,500.000	J	2300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Caprolactam	6,600.000	J	2700	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Carbazole	4,200.000	J	590	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Chrysene	4,400.000	J	750	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Di-n-butylphthalate	4,300.000	J	1400	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Di-n-octyl phthalate	3,800.000	J	2600	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Dibenzo(a,h)anthracene	4,700.000	J	740	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Dibenzofuran	4,500.000	J	690	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Diethylphthalate	4,500.000	J	790	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Dimethylphthalate	4,800.000		700	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Fluoranthene	4,500.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Fluorene	4,300.000	J	680	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Hexachlorobenzene	4,700.000	J	780	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Hexachlorobutadiene	4,700.000	J	1300	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Hexachlorocyclopentadiene	4,500.000	J	2600	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Hexachloroethane	4,300.000	J	460	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Indeno(1,2,3-cd)pyrene	4,600.000	J	880	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Isophorone	4,900.000		1100	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	N-Nitroso-di-n-propylamine	4,400.000	J	1600	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	N-Nitrosodiphenylamine	4,300.000	J	700	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Naphthalene	4,500.000	J	670	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Nitrobenzene	5,300.000		900	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Pentachlorobenzene	4,800.000		1500	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Pentachlorophenol	6,500.000	J	1700	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Phenanthrene	4,400.000	J	810	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Phenol	4,000.000	J	1200	9600	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Pyrene	4,400.000	J	1100	4800	ug/Kg
P3391-05	MDL-MED-SOIL-QT3-2	Solid	Pyridine	3,200.000	J	1600	9600	ug/Kg

Total Svoc :

315,900.00

Total Concentration:

315,900.00

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP091124 SAS No.: BP091124 SDG No.: BP091124

Instrument ID: _____ Calibration Date(s): 9/11/2024 : _____

Calibration Time(s): 13:02 _____

LAB FILE ID:	RRFAL1 = BP021881.D			RRFAL2 = BP021882.D		RRFAL3 = BP021883.D		
	RRFAL6 = BP021886.D			RRFAL4 = BP021887.D		RRFAL5 = BP021888.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL6	RRFAL4	RRFAL5	RRF	% RSD
1,4-Dioxane	0.516	0.783	0.727		0.660	0.635	0.664	15.2
Benzaldehyde		0.977	1.047	0.780	0.973	0.692	0.894	16.8
Pyridine		1.607	2.035	1.807	1.892	1.759	1.820	8.7
Hexachloroethane	0.564	0.616	0.574		0.576	0.572	0.580	3.5
Nitrobenzene	0.351	0.327	0.390		0.305	0.296	0.334	11.3
Isophorone	0.606	0.713	0.689		0.552	0.551	0.622	12.2
2-Nitrophenol	0.140	0.168	0.177		0.149	0.150	0.157	9.6
2,4-Dimethylphenol	0.331	0.382	0.371		0.289	0.293	0.333	13.0
Bis(2-Chloroethoxy)methane	0.399	0.447	0.414		0.326	0.319	0.381	14.8
2,4-Dichlorophenol	0.309	0.356	0.343		0.285	0.312	0.321	8.8
Naphthalene	1.043	1.135	1.036		1.067	1.044	1.065	3.8
4-Chloroaniline		0.476	0.430	0.433	0.458	0.454	0.450	4.2
Hexachlorobutadiene	0.248	0.269	0.260		0.254	0.247	0.256	3.6
Phenol		1.571	1.584	2.358	1.701	1.649	1.773	18.7
Caprolactam		0.101	0.104	0.117	0.115	0.118	0.111	7.0
4-Chloro-3-methylphenol	0.300	0.392	0.367		0.377	0.377	0.363	10.0
1-Methylnaphthalene	0.728	0.914	0.786		0.788	0.766	0.796	8.8
2-Methylnaphthalene	0.718	0.885	0.759		0.774	0.771	0.781	8.0
Hexachlorocyclopentadiene		0.425	0.354	0.387	0.375	0.386	0.385	6.8
2,4,6-Trichlorophenol	0.334	0.490	0.388		0.432	0.449	0.419	14.3
2,4,5-Trichlorophenol	0.363	0.544	0.426		0.483	0.491	0.461	15.0
1,1-Biphenyl	1.356	1.761	1.361		1.428	1.420	1.465	11.5
2-Chloronaphthalene	1.105	1.423	1.079		1.154	1.157	1.184	11.6
2-Nitroaniline	0.254	0.323	0.307		0.337	0.350	0.314	11.8
Bis(2-Chloroethyl)ether		1.275	1.215	1.687	1.252	1.224	1.331	15.1
Dimethylphthalate	1.450	1.633	1.493		1.531	1.504	1.522	4.5
2,6-Dinitrotoluene	0.213	0.279	0.285		0.313	0.324	0.283	15.3
Acenaphthylene	1.576	1.927	1.693		1.794	1.767	1.751	7.4
3-Nitroaniline		0.277	0.289	0.283	0.311	0.274	0.287	5.1
Acenaphthene	1.187	1.379	1.218		1.242	1.256	1.256	5.8
2,4-Dinitrophenol		0.126	0.151	0.224	0.187	0.206	0.179	22.3
4-Nitrophenol		0.264	0.285	0.237	0.245	0.244	0.255	7.7
Dibenzofuran	1.750	2.037	1.823		1.794	1.794	1.839	6.2
2,4-Dinitrotoluene	0.357	0.437	0.467		0.469	0.488	0.443	11.7
Diethylphthalate	1.369	1.641	1.690		1.473	1.468	1.528	8.7
2-Chlorophenol	0.818	1.339	1.283		1.350	1.329	1.224	18.7

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP091124 SAS No.: BP091124 SDG No.: BP091124

Instrument ID: _____ Calibration Date(s): 9/11/2024 : _____

Calibration Time(s): 13:02 _____

LAB FILE ID:		RRFAL1 = BP021881.D		RRFAL2 = BP021882.D		RRFAL3 = BP021883.D		
		RRFAL6 = BP021886.D		RRFAL4 = BP021887.D		RRFAL5 = BP021888.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL6	RRFAL4	RRFAL5	RRF	% RSD
Fluorene	1.467	1.660	2.068		1.458	1.412	1.613	16.8
4-Chlorophenyl-phenylether	0.756	0.852	1.070		0.770	0.752	0.840	16.0
4-Nitroaniline		0.306	0.441	0.256	0.312	0.275	0.318	22.8
4,6-Dinitro-2-methylphenol		0.111	0.114	0.139	0.130	0.137	0.126	10.3
N-Nitrosodiphenylamine	0.528	0.608	0.530		0.551	0.542	0.552	5.9
1,2,4,5-Tetrachlorobenzene	0.589	0.846	0.624		0.669	0.677	0.681	14.5
4-Bromophenyl-phenylether	0.187	0.221	0.206		0.214	0.215	0.209	6.4
Hexachlorobenzene	0.234	0.268	0.245		0.251	0.254	0.250	5.0
Atrazine		0.229	0.214	0.196	0.218	0.225	0.216	5.9
Pentachlorophenol		0.152	0.151	0.174	0.168	0.174	0.163	7.0
2-Methylphenol		1.226	1.181	1.317	1.271	1.273	1.254	4.1
Phenanthrene	1.047	1.207	1.067		1.067	1.029	1.083	6.5
Pentachlorobenzene	0.282	0.324	0.209		0.293	0.293	0.280	15.3
Anthracene	1.072	1.220	1.073		1.077	1.033	1.095	6.6
1,2,3,4-Tetrachlorobenzene	0.251	0.364	0.192		0.294	0.298	0.280	22.8
Carbazole		1.101	0.978	0.899	0.975	0.950	0.981	7.6
Di-n-butylphthalate	0.948	1.136	1.062		1.127	1.117	1.078	7.3
Fluoranthene	1.078	1.355	1.227		1.363	1.350	1.274	9.7
Pyrene	1.232	1.496	1.357		1.423	1.407	1.383	7.1
Butylbenzylphthalate	0.370	0.475	0.457		0.529	0.547	0.476	14.7
3,3-Dichlorobenzidine		0.460	0.446	0.405	0.480	0.449	0.448	6.1
2,2-oxybis (1-Chloropropane)		1.508	1.390	1.446	1.467	1.419	1.446	3.1
Benzo (a) anthracene	1.282	1.533	1.368		1.445	1.437	1.413	6.6
Chrysene	1.305	1.466	1.313		1.351	1.321	1.351	4.9
Bis (2-ethylhexyl) phthalate	0.534	0.697	0.674		0.749	0.781	0.687	13.9
Di-n-octyl phthalate		0.915	0.947	1.177	1.114	1.181	1.067	11.9
Benzo (b) fluoranthene	1.069	1.293	1.198		1.314	1.336	1.242	8.9
Benzo (k) fluoranthene	1.113	1.317	1.220		1.229	1.256	1.227	6.0
Benzo (a) pyrene	1.008	1.216	1.113		1.193	1.203	1.146	7.6
Indeno (1,2,3-cd) pyrene	1.338	1.530	1.388		1.450	1.497	1.441	5.4
Dibenzo (a,h) anthracene	1.084	1.221	1.136		1.155	1.207	1.160	4.8
Benzo (g,h,i) perylene	1.063	1.199	1.087		1.151	1.196	1.139	5.5
Acetophenone		2.337	2.144	2.149	2.190	2.181	2.200	3.6
2,3,4,6-Tetrachlorophenol	0.317	0.416	0.415		0.417	0.422	0.397	11.4
1,4-Dioxane-d8	0.453	0.734	0.699		0.603	0.603	0.618	17.7
Pyridine-d5		1.654	1.966	1.792	1.845	1.845	1.820	6.2

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP091124 SAS No.: BP091124 SDG No.: BP091124
Instrument ID: _____ Calibration Date(s): 9/11/2024 : _____
Calibration Time(s): 13:02 _____

LAB FILE ID:		RRFAL1 = BP021881.D			RRFAL2 = BP021882.D		RRFAL3 = BP021883.D	
		RRFAL6 = BP021886.D			RRFAL4 = BP021887.D		RRFAL5 = BP021888.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL6	RRFAL4	RRFAL5	RRF	% RSD
Phenol-d5		1.527	1.493	2.293	1.631	1.601	1.709	19.4
Bis-(2-Chloroethyl)ether-d8		0.948	0.911	1.273	0.938	0.892	0.993	16.0
2-Chlorophenol-d4	0.776	1.282	1.252		1.326	1.312	1.190	19.6
4-Methylphenol-d8		1.362	1.302	1.410	1.356	1.392	1.364	3.0
Nitrobenzene-d5	0.126	0.112	0.148		0.119	0.118	0.125	11.0
2-Nitrophenol-d4	0.127	0.147	0.159		0.135	0.140	0.142	8.4
2,4-Dichlorophenol-d3	0.304	0.345	0.343		0.284	0.291	0.314	9.3
4-Chloroaniline-d4		0.469	0.444	0.445	0.464	0.463	0.457	2.6
4-Methylphenol		1.412	1.333	1.437	1.429	1.419	1.406	3.0
Dimethylphthalate-d6	1.394	1.586	1.486		1.528	1.519	1.503	4.7
Acenaphthylene-d8	1.436	1.760	1.625		1.716	1.704	1.648	7.8
4-Nitrophenol-d4		0.275	0.276	0.284	0.295	0.290	0.284	3.0
Fluorene-d10	1.252	1.438	1.802		1.329	1.319	1.428	15.4
4,6-Dinitro-2-methylphenol		0.096	0.099	0.130	0.120	0.127	0.114	13.7
Anthracene-d10	0.900	1.009	0.910		0.923	0.903	0.929	4.9
Pyrene-d10	0.954	1.163	1.066		1.170	1.179	1.107	8.7
Benzo(a)pyrene-d12	0.886	1.094	1.008		1.095	1.122	1.041	9.3
N-Nitroso-di-n-propylamine	0.890	1.123	1.053		1.107	1.087	1.052	9.0

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.: BP091224 SAS No.: BP091224 SDG NO.: BP091224

EPA Sample No.: SSTD020611 Date Analyzed: Sep 12 2024 12:00AM

Lab File ID: BP021883.D Time Analyzed: 11:56

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	93540	7.746	393724	10.50	312749	14.35
UPPER LIMIT	187080	8.246	787448	11.004	625498	14.845
LOWER LIMIT	46770	7.246	196862	10.004	156374.5	13.845
EPA SAMPLE NO.						
01 SBLK193	107735	7.76	373354	10.53	308558	14.36
02 MDL-WATER-QT3-2024-05	86503	7.75	340104	10.52	248627	14.36
03 SBLK198	96825	7.73	390259	10.51	280968	14.36
04 SBLK275	83412	7.76	324358	10.53	240897	14.36
05 MDL-SOIL-QT3-2024-05	80543	7.76	325098	10.53	242529	14.37
06 MDL-MED-SOIL-QT3-2024-05	115561	7.76	472774	10.53	341235	14.37

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.: BP091224 SAS No.: BP091224 SDG NO.: BP091224

EPA Sample No.: SSTD020763 Date Analyzed: Sep 12 2024 12:00AM

Lab File ID: BP021891.D Time Analyzed: 11:56

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	78955	7.734	286851	10.51	230565	14.36
UPPER LIMIT	157910	8.234	573702	11.005	461130	14.863
LOWER LIMIT	39477.5	7.234	143425.5	10.005	115282.5	13.863
EPA SAMPLE NO.						
01 SBLK193	107735	7.76	373354	10.53	308558	14.36
02 MDL-WATER-QT3-2024-05	86503	7.75	340104	10.52	248627	14.36
03 SBLK198	96825	7.73	390259	10.51	280968	14.36
04 SBLK275	83412	7.76	324358	10.53	240897	14.36
05 MDL-SOIL-QT3-2024-05	80543	7.76	325098	10.53	242529	14.37
06 MDL-MED-SOIL-QT3-2024-05	115561	7.76	472774	10.53	341235	14.37

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.: BP091224 SAS No.: BP091224 SDG NO.: BP091224

EPA Sample No.: SSTD020611 Date Analyzed: Sep 12 2024 12:00AM

Lab File ID: BP021883.D Time Analyzed: 11:56

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	1.03057e+0	17.133	1.1294e+0	21.568	1.30751e+0	24.886
UPPER LIMIT	2061140	17.633	2258800	22.068	2615020	25.386
LOWER LIMIT	515285	16.633	564700	21.068	653755	24.386
EPA SAMPLE NO.						
01 SBLK193	746377	17.16	842360	21.58	964123	24.90
02 MDL-WATER-QT3-2024-05	607283	17.16	699969	21.58	816937	24.91
03 SBLK198	670662	17.15	724824	21.59	798179	24.92
04 SBLK275	555943	17.16	607517	21.59	726406	24.91
05 MDL-SOIL-QT3-2024-05	603378	17.15	708475	21.59	830427	24.92
06 MDL-MED-SOIL-QT3-2024-05	822353	17.16	900858	21.59	1.00691e+	24.91

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.: BP091224 SAS No.: BP091224 SDG NO.: BP091224

EPA Sample No.: SSTD020763 Date Analyzed: Sep 12 2024 12:00AM

Lab File ID: BP021891.D Time Analyzed: 11:56

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	561763	17.157	665645	21.592	831941	24.927
UPPER LIMIT	1123526	17.657	1331290	22.092	1663882	25.427
LOWER LIMIT	280881.5	16.657	332822.5	21.092	415970.5	24.427
EPA SAMPLE NO.						
01 SBLK193	746377	17.16	842360	21.58	964123	24.90
02 MDL-WATER-QT3-2024-05	607283	17.16	699969	21.58	816937	24.91
03 SBLK198	670662	17.15	724824	21.59	798179	24.92
04 SBLK275	555943	17.16	607517	21.59	726406	24.91
05 MDL-SOIL-QT3-2024-05	603378	17.15	708475	21.59	830427	24.92
06 MDL-MED-SOIL-QT3-2024-05	822353	17.16	900858	21.59	1.00691e+	24.91

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK193

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP091224

SAS No.: BP091224 SDG NO.: BP091224

Lab File ID: BP021892.D

Lab Sample ID: PB163193BL

Instrument ID: BNA_P

Date Extracted: 09/05/2024

Matrix: (soil/water) Water

Date Analyzed: 09/12/2024

Level: (low/med) LOW

Time Analyzed: 11:56

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT3-2024-05	P3391-01	BP021893.D	09/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK198

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP091224

SAS No.: BP091224 SDG NO.: BP091224

Lab File ID: BP021894.D

Lab Sample ID: PB163198BL

Instrument ID: BNA_P

Date Extracted: 09/06/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/12/2024

Level: (low/med) LOW

Time Analyzed: 13:30

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-QT3-2024-05	P3391-03	BP021896.D	09/12/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK275

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP091224

SAS No.: BP091224 SDG NO.: BP091224

Lab File ID: BP021895.D

Lab Sample ID: PB163275BL

Instrument ID: BNA_P

Date Extracted: 09/10/2024

Matrix: (soil/water) Solid

Date Analyzed: 09/12/2024

Level: (low/med) MED

Time Analyzed: 14:11

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-QT3-2024-05	P3391-05	BP021897.D	09/12/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BP091224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3391-01	MDL-WATER-QT3BP021893.D		1,4-Dioxane-d8	8	3.58	45		15	120
			Pyridine-d5	40	16.87	42		20	120
			Phenol-d5	40	20.30	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.19	50		25	120
			2-Chlorophenol-d4	40	23.77	59		20	130
			4-Methylphenol-d8	40	19.25	48		25	125
			Nitrobenzene-d5	40	29.14	73		20	125
			2-Nitrophenol-d4	40	27.70	69		20	130
			2,4-Dichlorophenol-d3	40	24.09	60		20	120
			4-Chloroaniline-d4	40	20.71	52		1	146
			Dimethylphthalate-d6	40	23.73	59		25	130
			Acenaphthylene-d8	40	22.77	57		10	130
			4-Nitrophenol-d4	40	21.57	54		10	150
			Fluorene-d10	40	21.78	54		25	125
			4,6-Dinitro-2-methylphenol-d2	40	20.27	51		10	130
			Anthracene-d10	40	19.52	49		25	130
			Pyrene-d10	40	21.70	54		15	130
			Benzo(a)pyrene-d12	40	22.98	57		20	130
PB163193BL	PB163193BL	BP021892.D	Pyridine-d5	40	18.29	46		20	120
			1,4-Dioxane-d8	8	4.12	51		15	120
			Phenol-d5	40	23.62	59		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.63	59		25	120
			2-Chlorophenol-d4	40	28.58	71		20	130
			4-Methylphenol-d8	40	22.40	56		25	125
			Nitrobenzene-d5	40	34.99	87		20	125
			2-Nitrophenol-d4	40	34.23	86		20	130
			2,4-Dichlorophenol-d3	40	29.19	73		20	120
			4-Chloroaniline-d4	40	25.95	65		1	146
			Dimethylphthalate-d6	40	31.53	79		25	130
			Acenaphthylene-d8	40	28.41	71		10	130
			4-Nitrophenol-d4	40	25.61	64		10	150
			Fluorene-d10	40	28.01	70		25	125
			4,6-Dinitro-2-methylphenol-d2	40	26.42	66		10	130
			Anthracene-d10	40	29.40	74		25	130
			Pyrene-d10	40	29.58	74		15	130
			Benzo(a)pyrene-d12	40	29.84	75		20	130

Surrogate Summary

SW-846

SDG No.: BP091224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3391-03	MDL-SOIL-QT3-2(BP021896.D		1,4-Dioxane-d8	8	3.45	43		15	120
			Pyridine-d5	40	17.01	43		20	120
			Phenol-d5	40	20.49	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.61	52		10	150
			2-Chlorophenol-d4	40	24.38	61		15	120
			4-Methylphenol-d8	40	19.31	48		10	140
			Nitrobenzene-d5	40	28.25	71		10	135
			2-Nitrophenol-d4	40	27.29	68		10	120
			2,4-Dichlorophenol-d3	40	24.06	60		10	140
			4-Chloroaniline-d4	40	20.69	52		1	145
			Dimethylphthalate-d6	40	23.59	59		10	145
			Acenaphthylene-d8	40	22.60	57		15	120
			4-Nitrophenol-d4	40	21.67	54		10	150
			Fluorene-d10	40	21.80	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	20.02	50		10	130
			Anthracene-d10	40	19.47	49		10	150
			Pyrene-d10	40	21.06	53		10	130
			Benzo(a)pyrene-d12	40	22.80	57		10	140
PB163198BL	PB163198BL	BP021894.D	Pyridine-d5	40	18.01	45		20	120
			1,4-Dioxane-d8	8	3.92	49		15	120
			Phenol-d5	40	24.04	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	25.15	63		10	150
			2-Chlorophenol-d4	40	28.55	71		15	120
			4-Methylphenol-d8	40	25.24	63		10	140
			Nitrobenzene-d5	40	33.38	83		10	135
			2-Nitrophenol-d4	40	32.21	81		10	120
			2,4-Dichlorophenol-d3	40	27.78	69		10	140
			4-Chloroaniline-d4	40	24.78	62		1	145
			Dimethylphthalate-d6	40	30.57	76		10	145
			Acenaphthylene-d8	40	27.79	69		15	120
			4-Nitrophenol-d4	40	24.60	62		10	150
			Fluorene-d10	40	26.54	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	24.86	62		10	130
			Anthracene-d10	40	28.39	71		10	150
			Pyrene-d10	40	28.43	71		10	130
			Benzo(a)pyrene-d12	40	28.10	70		10	140

Surrogate Summary

SW-846

SDG No.: BP091224

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3391-05	MDL-MED-SOIL-(BP021897.D		1,4-Dioxane-d8	8	3.35	42		15	120
			Pyridine-d5	40	16.21	41		20	120
			Phenol-d5	40	21.06	53		10	130
			Bis(2-Chloroethyl)ether-d8	40	21.46	54		10	150
			2-Chlorophenol-d4	40	24.09	60		15	120
			4-Methylphenol-d8	40	19.48	49		10	140
			Nitrobenzene-d5	40	28.05	70		10	135
			2-Nitrophenol-d4	40	26.73	67		10	120
			2,4-Dichlorophenol-d3	40	24.09	60		10	140
			4-Chloroaniline-d4	40	20.96	52		1	145
			Dimethylphthalate-d6	40	24.10	60		10	145
			Acenaphthylene-d8	40	22.81	57		15	120
			4-Nitrophenol-d4	40	21.52	54		10	150
			Fluorene-d10	40	21.62	54		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.52	49		10	130
			Anthracene-d10	40	19.53	49		10	150
			Pyrene-d10	40	22.84	57		10	130
			Benzo(a)pyrene-d12	40	22.83	57		10	140
PB163275BL	PB163275BL	BP021895.D	1,4-Dioxane-d8	8	4.12	52		15	120
			Pyridine-d5	40	17.88	45		20	120
			Phenol-d5	40	22.68	57		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.17	60		10	150
			2-Chlorophenol-d4	40	27.76	69		15	120
			4-Methylphenol-d8	40	23.49	59		10	140
			Nitrobenzene-d5	40	33.45	84		10	135
			2-Nitrophenol-d4	40	31.87	80		10	120
			2,4-Dichlorophenol-d3	40	27.93	70		10	140
			4-Chloroaniline-d4	40	24.32	61		1	145
			Dimethylphthalate-d6	40	28.98	72		10	145
			Acenaphthylene-d8	40	26.76	67		15	120
			4-Nitrophenol-d4	40	24.19	60		10	150
			Fluorene-d10	40	25.40	63		20	140
			4,6-Dinitro-2-methylphenol-d2	40	25.63	64		10	130
			Anthracene-d10	40	28.53	71		10	150
			Pyrene-d10	40	28.08	70		10	130
			Benzo(a)pyrene-d12	40	27.57	69		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP091224

Lab Code: CHEM

SAS No.: BP091224 SDG NO.: BP091224

Lab File ID: BP021890.D

DFTPP Injection Date: 09/12/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:39

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	31.2
68	Less than 2.0% of mass 69	0.5 (1.3) 1
69	Mass 69 relative abundance	34.4
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	41.4
197	Less than 2.0% of mass 198	0.4
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	32.1
365	Greater than 1% of mass 198	6.2
441	Present, but less than mass 443	14.4
442	Greater than 50% of mass 198	93.5
443	15.0 - 24.0% of mass 442	18.1 (19.4) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020763	SSTDCCC020	BP021891.D	09/12/2024	11:15
SBLK193	PB163193BL	BP021892.D	09/12/2024	11:56
MDL-WATER-QT3-2024-05	P3391-01	BP021893.D	09/12/2024	12:38
SBLK198	PB163198BL	BP021894.D	09/12/2024	13:30
SBLK275	PB163275BL	BP021895.D	09/12/2024	14:11
MDL-SOIL-QT3-2024-05	P3391-03	BP021896.D	09/12/2024	14:51
MDL-MED-SOIL-QT3-2024-05	P3391-05	BP021897.D	09/12/2024	15:32
SSTD020764	SSTDCCC020EC	BP021898.D	09/12/2024	16:57