

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP051724 SAS No.: BP051724 SDG No.: BP051724

Instrument ID: BNA_P Calibration Date/Time: 5/17/2024 1:08:39

Lab File ID: BP020415.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020656 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.537	0.554	0.010	3.0218	40.0
Benzaldehyde	0.863	0.904	0.010	4.7312	40.0
Pyridine	1.392	1.227	0.010	-11.8496	40.0
Phenol	1.773	1.544	0.080	-12.8803	20.0
Bis(2-Chloroethyl)ether	1.387	1.267	0.100	-8.6601	20.0
2-Chlorophenol	1.282	1.279	0.200	-0.2203	20.0
2-Methylphenol	1.322	1.219	0.010	-7.814	20.0
2,2-oxybis(1-Chloropropane)	1.730	1.548	0.010	-10.5637	40.0
Acetophenone	2.305	2.112	0.060	-8.3628	20.0
4-Methylphenol	1.437	1.324	0.010	-7.9044	20.0
N-Nitroso-di-n-propylamine	1.251	1.135	0.050	-9.2889	30.0
Hexachloroethane	0.586	0.581	0.100	-0.8219	20.0
Nitrobenzene	0.430	0.403	0.050	-6.1718	25.0
Isophorone	0.827	0.752	0.050	-9.0145	25.0
2-Nitrophenol	0.178	0.178	0.050	0.3309	25.0
2,4-Dimethylphenol	0.388	0.376	0.050	-2.87	25.0
Bis(2-Chloroethoxy)methane	0.458	0.433	0.050	-5.5826	20.0
2,4-Dichlorophenol	0.304	0.316	0.060	3.8129	20.0
Naphthalene	1.031	1.050	0.200	1.8682	20.0
4-Chloroaniline	0.428	0.410	0.010	-4.2435	40.0
Hexachlorobutadiene	0.236	0.253	0.040	7.0466	30.0
Caprolactam	0.106	0.108	0.010	1.2787	40.0
4-Chloro-3-methylphenol	0.379	0.379	0.040	0.0002	25.0
1-Methylnaphthalene	0.722	0.738	0.100	2.1838	20.0
2-Methylnaphthalene	0.717	0.714	0.100	-0.4177	20.0
Hexachlorocyclopentadiene	0.339	0.210	0.010	-37.9892	40.0
2,4,6-Trichlorophenol	0.391	0.383	0.090	-2.078	25.0
2,4,5-Trichlorophenol	0.421	0.396	0.100	-5.8886	25.0
1,1-Biphenyl	1.415	1.342	0.200	-5.1109	20.0
2-Chloronaphthalene	1.122	1.092	0.300	-2.6901	20.0
2-Nitroaniline	0.372	0.328	0.050	-11.8179	40.0
Dimethylphthalate	1.475	1.504	0.300	1.9668	20.0
2,6-Dinitrotoluene	0.293	0.296	0.080	0.9495	30.0
Acenaphthylene	1.815	1.808	0.400	-0.388	20.0
3-Nitroaniline	0.274	0.247	0.010	-9.8386	40.0
Acenaphthene	1.220	1.205	0.200	-1.1627	20.0
2,4-Dinitrophenol	0.180	0.128	0.010	-29.0454	40.0
4-Nitrophenol	0.234	0.249	0.010	6.6788	40.0
Dibenzofuran	1.677	1.737	0.300	3.5844	20.0

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Instrument ID: BNA_P Calibration Date/Time: 5/17/2024 1:08:39

Lab File ID: BP020415.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020656 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.422	0.477	0.070	13.2223	30.0
Diethylphthalate	1.473	1.551	0.300	5.3043	20.0
Fluorene	1.394	1.454	0.200	4.3483	20.0
4-Chlorophenyl-phenylether	0.739	0.785	0.100	6.2098	20.0
4-Nitroaniline	0.228	0.250	0.010	9.577	40.0
4,6-Dinitro-2-methylphenol	0.132	0.119	0.010	-10.1041	40.0
N-Nitrosodiphenylamine	0.557	0.517	0.050	-7.1052	20.0
1,2,4,5-Tetrachlorobenzene	0.624	0.602	0.100	-3.4439	20.0
4-Bromophenyl-phenylether	0.217	0.214	0.070	-1.0802	20.0
Hexachlorobenzene	0.251	0.255	0.050	1.4497	25.0
Atrazine	0.197	0.184	0.010	-7.0457	25.0
Pentachlorophenol	0.152	0.141	0.010	-7.2836	40.0
Phenanthrene	1.020	1.033	0.200	1.1977	20.0
Pentachlorobenzene	0.297	0.278	0.050	-6.5774	20.0
Anthracene	1.038	1.039	0.200	0.0984	20.0
1,2,3,4-Tetrachlorobenzene	0.297	0.263	0.050	-11.4716	20.0
Carbazole	0.894	0.918	0.050	2.675	40.0
Di-n-butylphthalate	1.084	1.152	0.500	6.2655	25.0
Fluoranthene	1.376	1.230	0.400	-10.5929	25.0
Pyrene	1.432	1.265	0.400	-11.618	25.0
Butylbenzylphthalate	0.543	0.499	0.100	-8.2468	40.0
3,3-Dichlorobenzidine	0.407	0.412	0.010	1.117	40.0
Benzo (a) anthracene	1.357	1.330	0.300	-1.9818	30.0
Chrysene	1.257	1.261	0.200	0.3185	30.0
Bis (2-ethylhexyl) phthalate	0.784	0.751	0.200	-4.2409	40.0
Di-n-octyl phthalate	1.281	1.105	0.010	-13.7603	40.0
Benzo (b) fluoranthene	1.190	1.146	0.200	-3.6784	25.0
Benzo (k) fluoranthene	1.212	1.205	0.200	-0.6548	25.0
Benzo (a) pyrene	1.132	1.115	0.200	-1.5111	20.0
Indeno (1,2,3-cd) pyrene	1.388	1.332	0.200	-4.04	25.0
Dibenzo (a,h) anthracene	1.148	1.109	0.200	-3.3509	30.0
Benzo (g,h,i) perylene	1.119	1.086	0.200	-2.9888	30.0
2,3,4,6-Tetrachlorophenol	0.378	0.416	0.040	9.9927	20.0
1,4-Dioxane-d8	0.474	0.477	0.010	0.7944	25.0
Pyridine-d5	1.376	1.214	0.010	-11.7723	40.0
Phenol-d5	1.718	1.519	0.010	-11.581	25.0
Bis- (2-Chloroethyl) ether-d8	1.043	0.922	0.050	-11.6634	25.0
2-Chlorophenol-d4	1.228	1.187	0.200	-3.3158	20.0
4-Methylphenol-d8	1.389	1.245	0.010	-10.3121	20.0

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 Instrument ID: BNA_P Calibration Date/Time: 5/17/2024 1:08:39
 Lab File ID: BP020415.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020656 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.150	0.147	0.050	-1.9066	20.0
2-Nitrophenol-d4	0.172	0.163	0.050	-5.0432	30.0
2,4-Dichlorophenol-d3	0.313	0.319	0.060	1.9368	20.0
4-Chloroaniline-d4	0.438	0.416	0.010	-5.0038	40.0
Dimethylphthalate-d6	1.461	1.492	0.300	2.1334	20.0
Acenaphthylene-d8	1.613	1.564	0.400	-3.0602	20.0
4-Nitrophenol-d4	0.224	0.148	0.010	-34.0883	40.0
Fluorene-d10	1.218	1.275	0.100	4.6545	20.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.112	0.010	-11.6509	40.0
Anthracene-d10	0.865	0.884	0.300	2.1348	20.0
Pyrene-d10	1.169	1.047	0.300	-10.416	25.0
Benzo(a)pyrene-d12	0.967	0.946	0.010	-2.1768	20.0

All other compounds must meet a minimum RRF of 0.010.

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SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP051724 SAS No.: BP051724 SDG No.: BP051724

Instrument ID: BNA_P Calibration Date/Time: 5/17/2024 1:14:55

Lab File ID: BP020423.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020657 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.537	0.530	0.010	-1.2804	50.0
Benzaldehyde	0.863	0.919	0.010	6.3965	50.0
Pyridine	1.392	1.254	0.010	-9.9158	50.0
Phenol	1.773	1.606	0.080	-9.4242	50.0
Bis(2-Chloroethyl) ether	1.387	1.272	0.100	-8.2954	50.0
2-Chlorophenol	1.282	1.296	0.200	1.092	50.0
2-Methylphenol	1.322	1.205	0.010	-8.8434	50.0
2,2-oxybis(1-Chloropropane)	1.730	1.572	0.010	-9.1507	50.0
Acetophenone	2.305	2.169	0.060	-5.8734	50.0
4-Methylphenol	1.437	1.357	0.010	-5.5822	50.0
N-Nitroso-di-n-propylamine	1.251	1.139	0.050	-8.914	50.0
Hexachloroethane	0.586	0.569	0.100	-2.9357	50.0
Nitrobenzene	0.430	0.405	0.050	-5.8233	50.0
Isophorone	0.827	0.762	0.050	-7.8273	50.0
2-Nitrophenol	0.178	0.177	0.050	-0.3679	50.0
2,4-Dimethylphenol	0.388	0.378	0.050	-2.5293	50.0
Bis(2-Chloroethoxy) methane	0.458	0.420	0.050	-8.3589	50.0
2,4-Dichlorophenol	0.304	0.311	0.060	2.2425	50.0
Naphthalene	1.031	1.037	0.200	0.6008	50.0
4-Chloroaniline	0.428	0.400	0.010	-6.7273	50.0
Hexachlorobutadiene	0.236	0.243	0.040	2.7921	50.0
Caprolactam	0.106	0.103	0.010	-2.9882	50.0
4-Chloro-3-methylphenol	0.379	0.376	0.040	-0.7496	50.0
1-Methylnaphthalene	0.722	0.734	0.100	1.7564	50.0
2-Methylnaphthalene	0.717	0.723	0.100	0.7355	50.0
Hexachlorocyclopentadiene	0.339	0.191	0.010	-43.7932	50.0
2,4,6-Trichlorophenol	0.391	0.382	0.090	-2.4274	50.0
2,4,5-Trichlorophenol	0.421	0.380	0.100	-9.8279	50.0
1,1-Biphenyl	1.415	1.353	0.200	-4.3817	50.0
2-Chloronaphthalene	1.122	1.078	0.300	-3.975	50.0
2-Nitroaniline	0.372	0.336	0.050	-9.879	50.0
Dimethylphthalate	1.475	1.485	0.300	0.6303	50.0
2,6-Dinitrotoluene	0.293	0.286	0.080	-2.5424	50.0
Acenaphthylene	1.815	1.772	0.400	-2.3361	50.0
3-Nitroaniline	0.274	0.236	0.010	-13.6728	50.0
Acenaphthene	1.220	1.212	0.200	-0.6151	50.0
2,4-Dinitrophenol	0.180	0.125	0.010	-30.5332	50.0
4-Nitrophenol	0.234	0.224	0.010	-4.3086	50.0
Dibenzofuran	1.677	1.679	0.300	0.1203	50.0

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Instrument ID: BNA_P Calibration Date/Time: 5/17/2024 1:14:55

Lab File ID: BP020423.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020657 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.422	0.432	0.070	2.4084	50.0
Diethylphthalate	1.473	1.474	0.300	0.1087	50.0
Fluorene	1.394	1.418	0.200	1.7255	50.0
4-Chlorophenyl-phenylether	0.739	0.760	0.100	2.8219	50.0
4-Nitroaniline	0.228	0.236	0.010	3.642	50.0
4,6-Dinitro-2-methylphenol	0.132	0.112	0.010	-15.066	50.0
N-Nitrosodiphenylamine	0.557	0.526	0.050	-5.4973	50.0
1,2,4,5-Tetrachlorobenzene	0.624	0.608	0.100	-2.5547	50.0
4-Bromophenyl-phenylether	0.217	0.216	0.070	-0.4296	50.0
Hexachlorobenzene	0.251	0.259	0.050	3.0818	50.0
Atrazine	0.197	0.184	0.010	-6.8927	50.0
Pentachlorophenol	0.152	0.140	0.010	-7.8141	50.0
Phenanthrene	1.020	1.012	0.200	-0.8057	50.0
Pentachlorobenzene	0.297	0.290	0.050	-2.5366	50.0
Anthracene	1.038	1.028	0.200	-0.9342	50.0
1,2,3,4-Tetrachlorobenzene	0.297	0.276	0.050	-7.0458	50.0
Carbazole	0.894	0.890	0.050	-0.4424	50.0
Di-n-butylphthalate	1.084	1.116	0.500	2.9659	50.0
Fluoranthene	1.376	1.211	0.400	-11.9671	50.0
Pyrene	1.432	1.254	0.400	-12.4337	50.0
Butylbenzylphthalate	0.543	0.503	0.100	-7.5133	50.0
3,3-Dichlorobenzidine	0.407	0.396	0.010	-2.7261	50.0
Benzo (a) anthracene	1.357	1.302	0.300	-4.0538	50.0
Chrysene	1.257	1.207	0.200	-3.9987	50.0
Bis (2-ethylhexyl) phthalate	0.784	0.717	0.200	-8.4987	50.0
Di-n-octyl phthalate	1.281	1.150	0.010	-10.227	50.0
Benzo (b) fluoranthene	1.190	1.160	0.200	-2.4639	50.0
Benzo (k) fluoranthene	1.212	1.210	0.200	-0.2165	50.0
Benzo (a) pyrene	1.132	1.123	0.200	-0.7567	50.0
Indeno (1,2,3-cd) pyrene	1.388	1.347	0.200	-2.9348	50.0
Dibenzo (a,h) anthracene	1.148	1.101	0.200	-4.1148	50.0
Benzo (g,h,i) perylene	1.119	1.044	0.200	-6.682	50.0
2,3,4,6-Tetrachlorophenol	0.378	0.390	0.040	3.1909	50.0
1,4-Dioxane-d8	0.474	0.470	0.010	-0.7939	50.0
Pyridine-d5	1.376	1.180	0.010	-14.223	50.0
Phenol-d5	1.718	1.546	0.010	-9.9908	50.0
Bis- (2-Chloroethyl) ether-d8	1.043	0.922	0.050	-11.6241	50.0
2-Chlorophenol-d4	1.228	1.221	0.200	-0.5823	50.0
4-Methylphenol-d8	1.389	1.244	0.010	-10.3813	50.0

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 Instrument ID: BNA_P Calibration Date/Time: 5/17/2024 1:14:55
 Lab File ID: BP020423.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020657 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.150	0.149	0.050	-0.5456	50.0
2-Nitrophenol-d4	0.172	0.168	0.050	-2.0719	50.0
2,4-Dichlorophenol-d3	0.313	0.314	0.060	0.2729	50.0
4-Chloroaniline-d4	0.438	0.414	0.010	-5.5844	50.0
Dimethylphthalate-d6	1.461	1.417	0.300	-3.0012	50.0
Acenaphthylene-d8	1.613	1.568	0.400	-2.8268	50.0
4-Nitrophenol-d4	0.224	0.132	0.010	-41.067	50.0
Fluorene-d10	1.218	1.234	0.100	1.275	50.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.108	0.010	-15.1452	50.0
Anthracene-d10	0.865	0.871	0.300	0.7083	50.0
Pyrene-d10	1.169	1.040	0.300	-11.0312	50.0
Benzo(a)pyrene-d12	0.967	0.961	0.010	-0.5811	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK908	SDG No.:	BP051724
Lab Sample ID:	PB160908BL	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
BP020416.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160908

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:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK908	SDG No.:	BP051724
Lab Sample ID:	PB160908BL	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
BP020416.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160908

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:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK908	SDG No.:	BP051724
Lab Sample ID:	PB160908BL	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
BP020416.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.713		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	23.142		20-120		58	SPK: -40
4165-62-2	Phenol-d5	23.924		10-130		60	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.444		25-120		61	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.935		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	24.017		25-125		60	SPK: -40
4165-60-0	Nitrobenzene-d5	26.546		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	26.161		20-130		65	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.626		20-120		62	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.637		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	29.574		25-130		74	SPK: -40
93951-97-4	Acenaphthylene-d8	27.284		10-130		68	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.554		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	29.975		25-125		75	SPK: -40

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK908	SDG No.:	BP051724
Lab Sample ID:	PB160908BL	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
BP020416.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.527		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	29.731		25-130		74	SPK: -40
1718-52-1	Pyrene-d10	27.504		15-130		69	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.69		20-130		74	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74559	7.587				
1146-65-2	Naphthalene-d8	299150	10.357				
15067-26-2	Acenaphthene-d10	211946	14.274				
1517-22-2	Phenanthrene-d10	503777	17.115				
1719-03-5	Chrysene-d12	509019	21.609				
1520-96-3	Perylene-d12	557891	24.939				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT2-2024-04	SDG No.:	BP051724
Lab Sample ID:	P2409-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020417.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.1	J	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	5.3	J	1.1	5	10	ug/L
110-86-1	Pyridine	4.2	J	1.7	10	10	ug/L
108-95-2	Phenol	4.1	J	1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	4.4	J	1.4	5	10	ug/L
95-57-8	2-Chlorophenol	4.7	J	0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	4	J	1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	4.3	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	4.2	J	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	3.8	J	1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	4.7	J	1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	4.2	J	1.4	2.5	5	ug/L
78-59-1	Isophorone	4.2	J	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	4.4	J	1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	3.3	J	0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	4	J	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	4.2	J	1.1	2.5	5	ug/L
91-20-3	Naphthalene	4.8	J	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	4.2	J	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	4.8	J	1.5	2.5	5	ug/L
105-60-2	Caprolactam	4.6	J	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	3.9	J	1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	4.8	J	0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	4.6	J	1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	5.2	J	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	4.4	J	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	4.3	J	1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT2-2024-04	SDG No.:	BP051724
Lab Sample ID:	P2409-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020417.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4.8	J	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4.8	J	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	3.7	J	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	5		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	4.2	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	3.7	J	1.6	5	10	ug/L
83-32-9	Acenaphthene	4.9	J	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	3.8	J	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	4.5	J	1.4	5	10	ug/L
132-64-9	Dibenzofuran	5		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	4.9	J	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	5		1.3	2.5	5	ug/L
86-73-7	Fluorene	5.1		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.4		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	4.6	J	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	4	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	4.8	J	1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	4.6	J	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	4.9	J	1.2	2.5	5	ug/L
1912-24-9	Atrazine	5.1	J	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	4.3	J	1.9	5	10	ug/L
85-01-8	Phenanthrene	4.9	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	4.7	J	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4.2	J	1.7	2.5	5	ug/L
86-74-8	Carbazole	4.3	J	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	4.6	J	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	4.2	J	1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT2-2024-04	SDG No.:	BP051724
Lab Sample ID:	P2409-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020417.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4.4	J	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	4	J	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	4	J	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	4.7	J	1.1	2.5	5	ug/L
218-01-9	Chrysene	4.8	J	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4	J	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	3.9	J	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.7	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	4.6	J	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.7	J	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.7	J	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	4.7	J	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.1		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.952		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	20.18		20-120		50	SPK: -40
4165-62-2	Phenol-d5	20.497		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.409		25-120		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.427		20-130		56	SPK: -40
190780-66-6	4-Methylphenol-d8	18.924		25-125		47	SPK: -40
4165-60-0	Nitrobenzene-d5	21.815		20-125		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	21		20-130		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.293		20-120		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.168		1-146		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.981		25-130		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.432		10-130		56	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.763		10-150		57	SPK: -40
81103-79-9	Fluorene-d10	24.065		25-125		60	SPK: -40

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-WATER-QT2-2024-04	SDG No.:	BP051724
Lab Sample ID:	P2409-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020417.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160908

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.746		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	21.453		25-130		54	SPK: -40
1718-52-1	Pyrene-d10	20.728		15-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.234		20-130		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81664	7.593				
1146-65-2	Naphthalene-d8	341074	10.357				
15067-26-2	Acenaphthene-d10	234351	14.257				
1517-22-2	Phenanthrene-d10	576395	17.092				
1719-03-5	Chrysene-d12	600602	21.592				
1520-96-3	Perylene-d12	645269	24.945				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L



Client:			Date Collected:	5/7/2024 12:00:00 AM			
Project:			Date Received:	5/7/2024 12:00:00 AM			
Client Sample ID:	MDL-SOIL-QT2-2024-04			SDG No.:	BP051724		
Lab Sample ID:	P2409-04			Matrix:	Solid		
Analytical Method:	SFAM_SVOC			% Moisture:	0		
Sample Wt/Vol:	30.1	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
BP020418.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	33	J	11	6.6	66	ug/Kg
100-52-7	Benzaldehyde	170	J	45	82.2	330	ug/Kg
110-86-1	Pyridine	130	J	33	160	330	ug/Kg
108-95-2	Phenol	140	J	43	82.2	330	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	140	J	40	82.2	330	ug/Kg
95-57-8	2-Chlorophenol	150	J	23	42.4	170	ug/Kg
95-48-7	2-Methylphenol	140	J	39	82.2	330	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	140	J	60	82.2	330	ug/Kg
98-86-2	Acetophenone	140	J	40	82.2	330	ug/Kg
106-44-5	4-Methylphenol	140	J	37	82.2	330	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	130	J	51	42.4	170	ug/Kg
67-72-1	Hexachloroethane	150	J	18	42.4	170	ug/Kg
98-95-3	Nitrobenzene	140	J	31	42.4	170	ug/Kg
78-59-1	Isophorone	140	J	48	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	160	J	31	42.4	170	ug/Kg
105-67-9	2,4-Dimethylphenol	110	J	25	42.4	170	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	140	J	43	42.4	170	ug/Kg
120-83-2	2,4-Dichlorophenol	150	J	16	42.4	170	ug/Kg
91-20-3	Naphthalene	160	J	25	42.4	170	ug/Kg
106-47-8	4-Chloroaniline	150	J	24	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	170		44	42.4	170	ug/Kg
105-60-2	Caprolactam	160	J	72	82.2	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	130	J	49	42.4	170	ug/Kg
90-12-0	1-Methylnaphthalene	170		33	42.4	170	ug/Kg
91-57-6	2-Methylnaphthalene	160	J	23	42.4	170	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	J	95	82.2	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	140	J	49	42.4	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	150	J	39	42.4	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT2-2024-04	SDG No.:	BP051724
Lab Sample ID:	P2409-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 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
BP020418.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	150	J	24	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	160	J	26	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	120	J	41	42.4	170	ug/Kg
131-11-3	Dimethylphthalate	160	J	29	42.4	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	150	J	44	42.4	170	ug/Kg
208-96-8	Acenaphthylene	160	J	32	42.4	170	ug/Kg
99-09-2	3-Nitroaniline	120	J	44	82.2	330	ug/Kg
83-32-9	Acenaphthene	160	J	29	42.4	170	ug/Kg
51-28-5	2,4-Dinitrophenol	120	J	48	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	150	J	44	82.2	330	ug/Kg
132-64-9	Dibenzofuran	170		32	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	160	J	43	42.4	170	ug/Kg
84-66-2	Diethylphthalate	160	J	30	42.4	170	ug/Kg
86-73-7	Fluorene	170		25	42.4	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	170		20	42.4	170	ug/Kg
100-01-6	4-Nitroaniline	150	J	31	82.2	330	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	140	J	77	82.2	330	ug/Kg
86-30-6	N-Nitrosodiphenylamine	150	J	33	42.4	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	160	J	24	42.4	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	160	J	29	42.4	170	ug/Kg
118-74-1	Hexachlorobenzene	160	J	32	42.4	170	ug/Kg
1912-24-9	Atrazine	170	J	71	82.2	330	ug/Kg
87-86-5	Pentachlorophenol	140	J	74	82.2	330	ug/Kg
85-01-8	Phenanthrene	160	J	29	42.4	170	ug/Kg
608-93-5	Pentachlorobenzene	160	J	52	42.4	170	ug/Kg
120-12-7	Anthracene	150	J	25	42.4	170	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	140	J	50	42.4	170	ug/Kg
86-74-8	Carbazole	150	J	28	82.2	330	ug/Kg
84-74-2	Di-n-butylphthalate	150	J	61	42.4	170	ug/Kg
206-44-0	Fluoranthene	140	J	54	82.2	170	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT2-2024-04	SDG No.:	BP051724
Lab Sample ID:	P2409-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 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
BP020418.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	150	J	49	42.4	170	ug/Kg
85-68-7	Butylbenzylphthalate	140	J	84	42.4	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	J	48	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	160	J	27	42.4	170	ug/Kg
218-01-9	Chrysene	160	J	31	42.4	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	140	J	96	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	130	J	76	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	150	J	33	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	160	J	38	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	150	J	32	42.4	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	150	J	31	42.4	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	160	J	28	42.4	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	160	J	26	42.4	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	160	J	33	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.886		15-120		61	SPK: -8
7291-22-7	Pyridine-d5	19.473		20-120		49	SPK: -40
4165-62-2	Phenol-d5	20.219		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.739		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.222		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	19.276		10-140		48	SPK: -40
4165-60-0	Nitrobenzene-d5	21.713		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.785		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.885		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.651		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.226		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	23.021		15-120		58	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.394		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	24.069		20-140		60	SPK: -40

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-SOIL-QT2-2024-04	SDG No.:	BP051724
Lab Sample ID:	P2409-04	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	30.1 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
BP020418.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.363		10-130		43	SPK: -40
1719-06-8	Anthracene-d10	21.363		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	20.841		10-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.998		10-140		57	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	85535	7.593				
1146-65-2	Naphthalene-d8	342404	10.357				
15067-26-2	Acenaphthene-d10	241536	14.263				
1517-22-2	Phenanthrene-d10	581849	17.104				
1719-03-5	Chrysene-d12	615577	21.604				
1520-96-3	Perylene-d12	664045	24.945				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT2-2024-04	SDG No.:	BP051724
Lab Sample ID:	P2409-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 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
BP020419.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	880	J	250	190	1900	ug/Kg
100-52-7	Benzaldehyde	4900	J	1300	2300	9400	ug/Kg
110-86-1	Pyridine	4100	J	1600	4700	9400	ug/Kg
108-95-2	Phenol	3900	J	1100	2300	9400	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4100	J	1000	2300	9400	ug/Kg
95-57-8	2-Chlorophenol	4400	J	740	1200	4700	ug/Kg
95-48-7	2-Methylphenol	3500	J	820	2300	9400	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	4100	J	1900	2300	9400	ug/Kg
98-86-2	Acetophenone	3900	J	920	2300	9400	ug/Kg
106-44-5	4-Methylphenol	3700	J	800	2300	9400	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	3500	J	1600	1200	4700	ug/Kg
67-72-1	Hexachloroethane	4500	J	450	1200	4700	ug/Kg
98-95-3	Nitrobenzene	4300	J	890	1200	4700	ug/Kg
78-59-1	Isophorone	3700	J	1000	1200	4700	ug/Kg
88-75-5	2-Nitrophenol	4400	J	660	1200	4700	ug/Kg
105-67-9	2,4-Dimethylphenol	2900	J	670	1200	4700	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	3700	J	1200	1200	4700	ug/Kg
120-83-2	2,4-Dichlorophenol	4400	J	600	1200	4700	ug/Kg
91-20-3	Naphthalene	4700		660	1200	4700	ug/Kg
106-47-8	4-Chloroaniline	3700	J	530	1200	9400	ug/Kg
87-68-3	Hexachlorobutadiene	4900		1300	1200	4700	ug/Kg
105-60-2	Caprolactam	3900	J	2600	2300	9400	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3800	J	1200	1200	4700	ug/Kg
90-12-0	1-Methylnaphthalene	4400	J	1100	1200	4700	ug/Kg
91-57-6	2-Methylnaphthalene	4300	J	600	1200	4700	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5500	J	2500	2300	9400	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4100	J	1100	1200	4700	ug/Kg
95-95-4	2,4,5-Trichlorophenol	4000	J	720	1200	4700	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT2-2024-04	SDG No.:	BP051724
Lab Sample ID:	P2409-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 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
BP020419.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4500	J	660	1200	4700	ug/Kg
91-58-7	2-Chloronaphthalene	4600	J	660	1200	4700	ug/Kg
88-74-4	2-Nitroaniline	3600	J	1500	1200	4700	ug/Kg
131-11-3	Dimethylphthalate	4500	J	690	1200	4700	ug/Kg
606-20-2	2,6-Dinitrotoluene	3900	J	1200	1200	4700	ug/Kg
208-96-8	Acenaphthylene	4700		750	1200	4700	ug/Kg
99-09-2	3-Nitroaniline	3400	J	800	2300	9400	ug/Kg
83-32-9	Acenaphthene	4800		770	1200	4700	ug/Kg
51-28-5	2,4-Dinitrophenol	3800	J	2700	2300	9400	ug/Kg
100-02-7	4-Nitrophenol	4200	J	1000	2300	9400	ug/Kg
132-64-9	Dibenzofuran	4800		680	1200	4700	ug/Kg
121-14-2	2,4-Dinitrotoluene	4300	J	920	1200	4700	ug/Kg
84-66-2	Diethylphthalate	4400	J	770	1200	4700	ug/Kg
86-73-7	Fluorene	4700		670	1200	4700	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4900		670	1200	4700	ug/Kg
100-01-6	4-Nitroaniline	4400	J	730	2300	9400	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4100	J	2100	2300	9400	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4200	J	690	1200	4700	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4700		600	1200	4700	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4300	J	670	1200	4700	ug/Kg
118-74-1	Hexachlorobenzene	4700		760	1200	4700	ug/Kg
1912-24-9	Atrazine	4500	J	1900	2300	9400	ug/Kg
87-86-5	Pentachlorophenol	4000	J	1700	2300	9400	ug/Kg
85-01-8	Phenanthrene	4500	J	790	1200	4700	ug/Kg
608-93-5	Pentachlorobenzene	4700		1500	1200	4700	ug/Kg
120-12-7	Anthracene	4200	J	640	1200	4700	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	4000	J	1600	1200	4700	ug/Kg
86-74-8	Carbazole	4300	J	580	2300	9400	ug/Kg
84-74-2	Di-n-butylphthalate	4300	J	1400	1200	4700	ug/Kg
206-44-0	Fluoranthene	3900	J	1300	2300	4700	ug/Kg

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT2-2024-04	SDG No.:	BP051724
Lab Sample ID:	P2409-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 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
BP020419.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4000	J	1000	1200	4700	ug/Kg
85-68-7	Butylbenzylphthalate	3700	J	2300	1200	4700	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3800	J	1500	2300	9400	ug/Kg
56-55-3	Benzo(a)anthracene	4400	J	520	1200	4700	ug/Kg
218-01-9	Chrysene	4600	J	740	1200	4700	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	3800	J	2500	1200	4700	ug/Kg
117-84-0	Di-n-octyl phthalate	3600	J	2500	2300	9400	ug/Kg
205-99-2	Benzo(b)fluoranthene	4500	J	1000	1200	4700	ug/Kg
207-08-9	Benzo(k)fluoranthene	4500	J	730	1200	4700	ug/Kg
50-32-8	Benzo(a)pyrene	4200	J	1000	1200	4700	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4300	J	860	1200	4700	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4300	J	730	1200	4700	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4400	J	870	1200	4700	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4500	J	920	1200	4700	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.957		15-120		62	SPK: -8
7291-22-7	Pyridine-d5	20.459		20-120		51	SPK: -40
4165-62-2	Phenol-d5	20.198		10-130		50	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.214		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.178		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	18.761		10-140		47	SPK: -40
4165-60-0	Nitrobenzene-d5	22.457		10-135		56	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.967		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.067		10-140		53	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.931		1-145		47	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.511		10-145		56	SPK: -40
93951-97-4	Acenaphthylene-d8	22.811		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.59		10-150		56	SPK: -40
81103-79-9	Fluorene-d10	23.441		20-140		59	SPK: -40

Report of Analysis

Client:		Date Collected:	5/7/2024 12:00:00 AM
Project:		Date Received:	5/7/2024 12:00:00 AM
Client Sample ID:	MDL-MED-SOIL-QT2-2024-04	SDG No.:	BP051724
Lab Sample ID:	P2409-06	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.06 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
BP020419.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.529		10-130		41	SPK: -40
1719-06-8	Anthracene-d10	21.357		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	19.348		10-130		48	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	22.524		10-140		56	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	87453	7.587				
1146-65-2	Naphthalene-d8	344487	10.346				
15067-26-2	Acenaphthene-d10	229331	14.263				
1517-22-2	Phenanthrene-d10	549761	17.104				
1719-03-5	Chrysene-d12	613498	21.604				
1520-96-3	Perylene-d12	670039	24.939				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	660	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK910	SDG No.:	BP051724
Lab Sample ID:	PB160910BL	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
BP020420.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160910

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
110-86-1	Pyridine	33	U	33	170	330	ug/Kg
100-52-7	Benzaldehyde	45	U	45	82.5	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:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK910	SDG No.:	BP051724
Lab Sample ID:	PB160910BL	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
BP020420.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160910

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:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK910	SDG No.:	BP051724
Lab Sample ID:	PB160910BL	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
BP020420.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160910

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	5.09		15-120		64	SPK: -8
7291-22-7	Pyridine-d5	21.724		20-120		54	SPK: -40
4165-62-2	Phenol-d5	21.573		10-130		54	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.673		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.903		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	22.814		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	24.176		10-135		60	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.394		10-120		61	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.006		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	20.776		1-145		52	SPK: -40
85448-30-2	Dimethylphthalate-d6	26.52		10-145		66	SPK: -40
93951-97-4	Acenaphthylene-d8	24.465		15-120		61	SPK: -40
93951-79-2	4-Nitrophenol-d4	20.562		10-150		51	SPK: -40
81103-79-9	Fluorene-d10	26.795		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK910	SDG No.:	BP051724
Lab Sample ID:	PB160910BL	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
BP020420.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160910

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.966		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	26.595		10-150		66	SPK: -40
1718-52-1	Pyrene-d10	24.973		10-130		62	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.85		10-140		67	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75934	7.564				
1146-65-2	Naphthalene-d8	319181	10.346				
15067-26-2	Acenaphthene-d10	231784	14.269				
1517-22-2	Phenanthrene-d10	555490	17.11				
1719-03-5	Chrysene-d12	559552	21.616				
1520-96-3	Perylene-d12	616733	24.963				
TENTATIVE IDENTIFIED COMPOUNDS							
	(DEL) Alkane: Straight-Chain	20.804					
E966796	Total Alkanes	71	J			20.804	ug/Kg
		71				99	

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK913	SDG No.:	BP051724
Lab Sample ID:	PB160913BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 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
BP020421.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	260	U	260	190	1900	ug/Kg
100-52-7	Benzaldehyde	1400	U	1400	2400	9700	ug/Kg
110-86-1	Pyridine	1700	U	1700	4800	9700	ug/Kg
108-95-2	Phenol	1200	U	1200	2400	9700	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	1100	U	1100	2400	9700	ug/Kg
95-57-8	2-Chlorophenol	760	U	760	1200	4900	ug/Kg
95-48-7	2-Methylphenol	840	U	840	2400	9700	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1900	U	1900	2400	9700	ug/Kg
98-86-2	Acetophenone	940	U	940	2400	9700	ug/Kg
106-44-5	4-Methylphenol	830	U	830	2400	9700	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	1700	U	1700	1200	4900	ug/Kg
67-72-1	Hexachloroethane	470	U	470	1200	4900	ug/Kg
98-95-3	Nitrobenzene	910	U	910	1200	4900	ug/Kg
78-59-1	Isophorone	1100	U	1100	1200	4900	ug/Kg
88-75-5	2-Nitrophenol	680	U	680	1200	4900	ug/Kg
105-67-9	2,4-Dimethylphenol	690	U	690	1200	4900	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	1300	U	1300	1200	4900	ug/Kg
120-83-2	2,4-Dichlorophenol	620	U	620	1200	4900	ug/Kg
91-20-3	Naphthalene	680	U	680	1200	4900	ug/Kg
106-47-8	4-Chloroaniline	540	U	540	1200	9700	ug/Kg
87-68-3	Hexachlorobutadiene	1400	U	1400	1200	4900	ug/Kg
105-60-2	Caprolactam	2700	U	2700	2400	9700	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1300	U	1300	1200	4900	ug/Kg
90-12-0	1-Methylnaphthalene	1200	U	1200	1200	4900	ug/Kg
91-57-6	2-Methylnaphthalene	620	U	620	1200	4900	ug/Kg
77-47-4	Hexachlorocyclopentadiene	2600	U	2600	2400	9700	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1200	U	1200	1200	4900	ug/Kg
95-95-4	2,4,5-Trichlorophenol	740	U	740	1200	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK913	SDG No.:	BP051724
Lab Sample ID:	PB160913BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 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
BP020421.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	680	U	680	1200	4900	ug/Kg
91-58-7	2-Chloronaphthalene	680	U	680	1200	4900	ug/Kg
88-74-4	2-Nitroaniline	1600	U	1600	1200	4900	ug/Kg
131-11-3	Dimethylphthalate	710	U	710	1200	4900	ug/Kg
606-20-2	2,6-Dinitrotoluene	1300	U	1300	1200	4900	ug/Kg
208-96-8	Acenaphthylene	770	U	770	1200	4900	ug/Kg
99-09-2	3-Nitroaniline	830	U	830	2400	9700	ug/Kg
83-32-9	Acenaphthene	800	U	800	1200	4900	ug/Kg
51-28-5	2,4-Dinitrophenol	2800	U	2800	2400	9700	ug/Kg
100-02-7	4-Nitrophenol	1100	U	1100	2400	9700	ug/Kg
132-64-9	Dibenzofuran	700	U	700	1200	4900	ug/Kg
121-14-2	2,4-Dinitrotoluene	940	U	940	1200	4900	ug/Kg
84-66-2	Diethylphthalate	800	U	800	1200	4900	ug/Kg
86-73-7	Fluorene	690	U	690	1200	4900	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	690	U	690	1200	4900	ug/Kg
100-01-6	4-Nitroaniline	750	U	750	2400	9700	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	2100	U	2100	2400	9700	ug/Kg
86-30-6	N-Nitrosodiphenylamine	710	U	710	1200	4900	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	620	U	620	1200	4900	ug/Kg
101-55-3	4-Bromophenyl-phenylether	690	U	690	1200	4900	ug/Kg
118-74-1	Hexachlorobenzene	790	U	790	1200	4900	ug/Kg
1912-24-9	Atrazine	1900	U	1900	2400	9700	ug/Kg
87-86-5	Pentachlorophenol	1700	U	1700	2400	9700	ug/Kg
85-01-8	Phenanthrene	820	U	820	1200	4900	ug/Kg
608-93-5	Pentachlorobenzene	1600	U	1600	1200	4900	ug/Kg
120-12-7	Anthracene	660	U	660	1200	4900	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	1700	U	1700	1200	4900	ug/Kg
86-74-8	Carbazole	590	U	590	2400	9700	ug/Kg
84-74-2	Di-n-butylphthalate	1500	U	1500	1200	4900	ug/Kg
206-44-0	Fluoranthene	1400	U	1400	2400	4900	ug/Kg

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK913	SDG No.:	BP051724
Lab Sample ID:	PB160913BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020421.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1200	4900	ug/Kg
85-68-7	Butylbenzylphthalate	2300	U	2300	1200	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600	U	1600	2400	9700	ug/Kg
56-55-3	Benzo(a)anthracene	530	U	530	1200	4900	ug/Kg
218-01-9	Chrysene	760	U	760	1200	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2500	U	2500	1200	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	2600	U	2600	2400	9700	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	1200	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	750	U	750	1200	4900	ug/Kg
50-32-8	Benzo(a)pyrene	1100	U	1100	1200	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	880	U	880	1200	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	750	U	750	1200	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	890	U	890	1200	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	940	U	940	1200	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.371		15-120		67	SPK: -8
7291-22-7	Pyridine-d5	21.722		20-120		54	SPK: -40
4165-62-2	Phenol-d5	21.826		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.904		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	26.042		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	22.5		10-140		56	SPK: -40
4165-60-0	Nitrobenzene-d5	25.355		10-135		63	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.452		10-120		59	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.89		10-140		57	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.683		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.426		10-145		69	SPK: -40
93951-97-4	Acenaphthylene-d8	25.539		15-120		64	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.264		10-150		53	SPK: -40
81103-79-9	Fluorene-d10	28.032		20-140		70	SPK: -40

Report of Analysis

Client:		Date Collected:	5/14/2024 12:00:00 AM
Project:		Date Received:	5/14/2024 12:00:00 AM
Client Sample ID:	SBLK913	SDG No.:	BP051724
Lab Sample ID:	PB160913BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.03 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	
Injection Volume :		Level :	MED
	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020421.D	1	5/14/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160913

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.512		10-130		44	SPK: -40
1719-06-8	Anthracene-d10	28.52		10-150		71	SPK: -40
1718-52-1	Pyrene-d10	25.957		10-130		65	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.728		10-140		69	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73299	7.587				
1146-65-2	Naphthalene-d8	302626	10.357				
15067-26-2	Acenaphthene-d10	218069	14.257				
1517-22-2	Phenanthrene-d10	513926	17.092				
1719-03-5	Chrysene-d12	504389	21.604				
1520-96-3	Perylene-d12	554812	24.945				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	680	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	4/29/2024 12:00:00 AM
Project:		Date Received:	4/29/2024 12:00:00 AM
Client Sample ID:	E0Y32	SDG No.:	BP051724
Lab Sample ID:	P2321-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	500 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020422.D	1	5/6/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160729

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	14	U	14	8.4	85	ug/Kg
100-52-7	Benzaldehyde	57	U	57	110	420	ug/Kg
110-86-1	Pyridine	42	U	42	210	420	ug/Kg
108-95-2	Phenol	55	U	55	110	420	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	51	U	51	110	420	ug/Kg
95-57-8	2-Chlorophenol	29	U	29	54.2	220	ug/Kg
95-48-7	2-Methylphenol	50	U	50	110	420	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	77	U	77	110	420	ug/Kg
98-86-2	Acetophenone	51	U	51	110	420	ug/Kg
106-44-5	4-Methylphenol	47	U	47	110	420	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	65	U	65	54.2	220	ug/Kg
67-72-1	Hexachloroethane	23	U	23	54.2	220	ug/Kg
98-95-3	Nitrobenzene	40	U	40	54.2	220	ug/Kg
78-59-1	Isophorone	61	U	61	54.2	220	ug/Kg
88-75-5	2-Nitrophenol	40	U	40	54.2	220	ug/Kg
105-67-9	2,4-Dimethylphenol	32	U	32	54.2	220	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	55	U	55	54.2	220	ug/Kg
120-83-2	2,4-Dichlorophenol	20	U	20	54.2	220	ug/Kg
91-20-3	Naphthalene	89	J	32	54.2	220	ug/Kg
106-47-8	4-Chloroaniline	31	U	31	54.2	420	ug/Kg
87-68-3	Hexachlorobutadiene	56	U	56	54.2	220	ug/Kg
105-60-2	Caprolactam	92	U	92	110	420	ug/Kg
59-50-7	4-Chloro-3-methylphenol	63	U	63	54.2	220	ug/Kg
90-12-0	1-Methylnaphthalene	42	U	42	54.2	220	ug/Kg
91-57-6	2-Methylnaphthalene	29	U	29	54.2	220	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	U	120	110	420	ug/Kg
88-06-2	2,4,6-Trichlorophenol	63	U	63	54.2	220	ug/Kg
95-95-4	2,4,5-Trichlorophenol	50	U	50	54.2	220	ug/Kg

Report of Analysis

Client:		Date Collected:	4/29/2024 12:00:00 AM
Project:		Date Received:	4/29/2024 12:00:00 AM
Client Sample ID:	E0Y32	SDG No.:	BP051724
Lab Sample ID:	P2321-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	30.1 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
BP020422.D	1	5/6/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160729

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	31	U	31	54.2	220	ug/Kg
91-58-7	2-Chloronaphthalene	33	U	33	54.2	220	ug/Kg
88-74-4	2-Nitroaniline	52	U	52	54.2	220	ug/Kg
131-11-3	Dimethylphthalate	37	U	37	54.2	220	ug/Kg
606-20-2	2,6-Dinitrotoluene	56	U	56	54.2	220	ug/Kg
208-96-8	Acenaphthylene	41	U	41	54.2	220	ug/Kg
99-09-2	3-Nitroaniline	56	U	56	110	420	ug/Kg
83-32-9	Acenaphthene	43	J	37	54.2	220	ug/Kg
51-28-5	2,4-Dinitrophenol	61	U	61	110	420	ug/Kg
100-02-7	4-Nitrophenol	56	U	56	110	420	ug/Kg
132-64-9	Dibenzofuran	41	U	41	54.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	55	U	55	54.2	220	ug/Kg
84-66-2	Diethylphthalate	38	U	38	54.2	220	ug/Kg
86-73-7	Fluorene	32	U	32	54.2	220	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	26	U	26	54.2	220	ug/Kg
100-01-6	4-Nitroaniline	40	U	40	110	420	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	98	U	98	110	420	ug/Kg
86-30-6	N-Nitrosodiphenylamine	42	U	42	54.2	220	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	31	U	31	54.2	220	ug/Kg
101-55-3	4-Bromophenyl-phenylether	37	U	37	54.2	220	ug/Kg
118-74-1	Hexachlorobenzene	41	U	41	54.2	220	ug/Kg
1912-24-9	Atrazine	91	U	91	110	420	ug/Kg
87-86-5	Pentachlorophenol	94	U	94	110	420	ug/Kg
85-01-8	Phenanthrene	86	J	37	54.2	220	ug/Kg
608-93-5	Pentachlorobenzene	66	U	66	54.2	220	ug/Kg
120-12-7	Anthracene	32	U	32	54.2	220	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	64	U	64	54.2	220	ug/Kg
86-74-8	Carbazole	36	U	36	110	420	ug/Kg
84-74-2	Di-n-butylphthalate	78	U	78	54.2	220	ug/Kg
206-44-0	Fluoranthene	88	J	69	110	220	ug/Kg

Report of Analysis

Client:		Date Collected:	4/29/2024 12:00:00 AM
Project:		Date Received:	4/29/2024 12:00:00 AM
Client Sample ID:	E0Y32	SDG No.:	BP051724
Lab Sample ID:	P2321-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	30.1 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
BP020422.D	1	5/6/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160729

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	73	J	63	54.2	220	ug/Kg
85-68-7	Butylbenzylphthalate	110	U	110	54.2	220	ug/Kg
91-94-1	3,3-Dichlorobenzidine	61	U	61	110	420	ug/Kg
56-55-3	Benzo(a)anthracene	34	U	34	54.2	220	ug/Kg
218-01-9	Chrysene	40	U	40	54.2	220	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	54.2	220	ug/Kg
117-84-0	Di-n-octyl phthalate	97	U	97	110	420	ug/Kg
205-99-2	Benzo(b)fluoranthene	50	J	42	54.2	220	ug/Kg
207-08-9	Benzo(k)fluoranthene	48	U	48	54.2	220	ug/Kg
50-32-8	Benzo(a)pyrene	41	U	41	54.2	220	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	40	U	40	54.2	220	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	36	U	36	54.2	220	ug/Kg
191-24-2	Benzo(g,h,i)perylene	33	U	33	54.2	220	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	42	U	42	54.2	220	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	3.785		15-120		47	SPK: -8
7291-22-7	Pyridine-d5	15.972		20-120		40	SPK: -40
4165-62-2	Phenol-d5	18.725		10-130		47	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	19.739		10-150		49	SPK: -40
93951-73-6	2-Chlorophenol-d4	20.775		15-120		52	SPK: -40
190780-66-6	4-Methylphenol-d8	20.195		10-140		50	SPK: -40
4165-60-0	Nitrobenzene-d5	20.279		10-135		51	SPK: -40
93951-78-1	2-Nitrophenol-d4	20.729		10-120		52	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.287		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.775		1-145		49	SPK: -40
85448-30-2	Dimethylphthalate-d6	24.377		10-145		61	SPK: -40
93951-97-4	Acenaphthylene-d8	24.006		15-120		60	SPK: -40
93951-79-2	4-Nitrophenol-d4	17.364		10-150		43	SPK: -40
81103-79-9	Fluorene-d10	26.516		20-140		66	SPK: -40

Report of Analysis

Client:		Date Collected:	4/29/2024 12:00:00 AM
Project:		Date Received:	4/29/2024 12:00:00 AM
Client Sample ID:	E0Y32	SDG No.:	BP051724
Lab Sample ID:	P2321-01	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	21.9
Sample Wt/Vol:	30.1 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
BP020422.D	1	5/6/2024 12:00:00 AM	5/17/2024 12:00:00 AM	PB160729

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	11.43		10-130		29	SPK: -40
1719-06-8	Anthracene-d10	25.037		10-150		63	SPK: -40
1718-52-1	Pyrene-d10	23.595		10-130		59	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	25.256		10-140		63	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	70804	7.593				
1146-65-2	Naphthalene-d8	295530	10.357				
15067-26-2	Acenaphthene-d10	215073	14.257				
1517-22-2	Phenanthrene-d10	515746	17.104				
1719-03-5	Chrysene-d12	535335	21.604				
1520-96-3	Perylene-d12	610954	24.957				
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown-01	630	J			14.493	
000057-10-3	n-Hexadecanoic acid	400	J			18.063	
000057-11-4	Octadecanoic acid	140	J			19.41	
1000336-36-2	Methyl 9,12-heptadecadienoate	160	J			19.816	
E966796	Total Alkanes	31	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP051724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : E0Y32								
P2321-01	E0Y32	Solid	Methyl 9,12-heptadecadienoate	*	160.000	J		
P2321-01	E0Y32	Solid	n-Hexadecanoic acid	*	400.000	J		
P2321-01	E0Y32	Solid	Octadecanoic acid	*	140.000	J		
P2321-01	E0Y32	Solid	unknown-01	*	630.000	J		
P2321-01	E0Y32	Solid	Total Alkanes	*	0.000	31	220	ug/Kg
Total Tics :					1,330.00			
P2321-01	E0Y32	Solid	Acenaphthene		43.000	J	37	220 ug/Kg
P2321-01	E0Y32	Solid	Benzo(b)fluoranthene		50.000	J	42	220 ug/Kg
P2321-01	E0Y32	Solid	Fluoranthene		88.000	J	69	220 ug/Kg
P2321-01	E0Y32	Solid	Naphthalene		89.000	J	32	220 ug/Kg
P2321-01	E0Y32	Solid	Phenanthrene		86.000	J	37	220 ug/Kg
P2321-01	E0Y32	Solid	Pyrene		73.000	J	63	220 ug/Kg
Total Svoc :					429.00			
Total Concentration:					1,759.00			
Client ID : MDL-WATER-QT2-2024-04								
P2409-02	MDL-WATER-QT2-2024 Water		Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :					0.00			
P2409-02	MDL-WATER-QT2-2024 Water		1,1-Biphenyl		4.800	J	1.1	5 ug/L
P2409-02	MDL-WATER-QT2-2024 Water		1,2,3,4-Tetrachlorobenzene		4.200	J	1.7	5 ug/L
P2409-02	MDL-WATER-QT2-2024 Water		1,2,4,5-Tetrachlorobenzene		4.800	J	1.4	5 ug/L
P2409-02	MDL-WATER-QT2-2024 Water		1,4-Dioxane		1.100	J	0.35	2 ug/L
P2409-02	MDL-WATER-QT2-2024 Water		1-Methylnaphthalene		4.800	J	0.91	5 ug/L
P2409-02	MDL-WATER-QT2-2024 Water		2,2-oxybis(1-Chloropropane)		4.300	J	1.9	10 ug/L
P2409-02	MDL-WATER-QT2-2024 Water		2,3,4,6-Tetrachlorophenol		5.100		1.5	5 ug/L
P2409-02	MDL-WATER-QT2-2024 Water		2,4,5-Trichlorophenol		4.300	J	1.6	5 ug/L
P2409-02	MDL-WATER-QT2-2024 Water		2,4,6-Trichlorophenol		4.400	J	2	5 ug/L
P2409-02	MDL-WATER-QT2-2024 Water		2,4-Dichlorophenol		4.200	J	1.1	5 ug/L
P2409-02	MDL-WATER-QT2-2024 Water		2,4-Dimethylphenol		3.300	J	0.69	5 ug/L
P2409-02	MDL-WATER-QT2-2024 Water		2,4-Dinitrophenol		3.800	J	1.8	10 ug/L
P2409-02	MDL-WATER-QT2-2024 Water		2,4-Dinitrotoluene		4.900	J	1.5	5 ug/L
P2409-02	MDL-WATER-QT2-2024 Water		2,6-Dinitrotoluene		4.200	J	1.7	5 ug/L
P2409-02	MDL-WATER-QT2-2024 Water		2-Chloronaphthalene		4.800	J	1.1	5 ug/L
P2409-02	MDL-WATER-QT2-2024 Water		2-Chlorophenol		4.700	J	0.91	5 ug/L
P2409-02	MDL-WATER-QT2-2024 Water		2-Methylnaphthalene		4.600	J	1.1	5 ug/L
P2409-02	MDL-WATER-QT2-2024 Water		2-Methylphenol		4.000	J	1.5	10 ug/L
P2409-02	MDL-WATER-QT2-2024 Water		2-Nitroaniline		3.700	J	1.8	5 ug/L
P2409-02	MDL-WATER-QT2-2024 Water		2-Nitrophenol		4.400	J	1.2	5 ug/L

Hit Summary Sheet SW-846

SDG No.: BP051724

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2409-02	MDL-WATER-QT2-2024 Water	3,3-Dichlorobenzidine	4.000	J	1.4	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	3-Nitroaniline	3.700	J	1.6	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4,6-Dinitro-2-methylphenol	4.000	J	2.4	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Bromophenyl-phenylether	4.600	J	0.95	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Chloro-3-methylphenol	3.900	J	1.6	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Chloroaniline	4.200	J	0.94	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Chlorophenyl-phenylether	5.400		1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Methylphenol	4.200	J	1.7	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Nitroaniline	4.600	J	0.83	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	4-Nitrophenol	4.500	J	1.4	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Acenaphthene	4.900	J	0.96	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Acenaphthylene	4.900	J	1.2	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Acetophenone	4.400	J	1.5	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Anthracene	4.700	J	1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Atrazine	5.100	J	1.8	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Benzaldehyde	5.300	J	1.1	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Benzo(a)anthracene	4.700	J	1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Benzo(a)pyrene	4.600	J	1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Benzo(b)fluoranthene	4.700	J	1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Benzo(g,h,i)perylene	4.700	J	1.2	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Benzo(k)fluoranthene	4.800	J	1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Bis(2-Chloroethoxy)methane	4.000	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Bis(2-Chloroethyl)ether	4.400	J	1.4	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Bis(2-ethylhexyl)phthalate	4.000	J	3	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Butylbenzylphthalate	4.000	J	2.7	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Caprolactam	4.600	J	2.6	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Carbazole	4.300	J	1.1	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Chrysene	4.800	J	1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Di-n-butylphthalate	4.600	J	1.9	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Di-n-octyl phthalate	3.900	J	2.4	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Dibenzo(a,h)anthracene	4.700	J	1.3	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Dibenzofuran	5.000		1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Diethylphthalate	5.000		1.3	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Dimethylphthalate	5.000		1.1	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Fluoranthene	4.200	J	1.9	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Fluorene	5.100		0.94	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Hexachlorobenzene	4.900	J	1.2	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Hexachlorobutadiene	4.800	J	1.5	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Hexachlorocyclopentadiene	5.200	J	3.1	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Hexachloroethane	4.700	J	1.1	5	ug/L

Hit Summary Sheet SW-846

SDG No.: BP051724

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2409-02	MDL-WATER-QT2-2024 Water	Indeno(1,2,3-cd)pyrene	4.700	J	1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Isophorone	4.200	J	1.7	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	N-Nitroso-di-n-propylamine	3.800	J	1.9	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	N-Nitrosodiphenylamine	4.400	J	1.3	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Naphthalene	4.800	J	0.94	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Nitrobenzene	4.200	J	1.4	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Pentachlorobenzene	4.900	J	1.7	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Pentachlorophenol	4.300	J	1.9	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Phenanthrene	4.900	J	1.2	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Phenol	4.100	J	1.6	10	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Pyrene	4.400	J	1.8	5	ug/L
P2409-02	MDL-WATER-QT2-2024 Water	Pyridine	4.200	J	1.7	10	ug/L
Total Svoc :			320.40				
Total Concentration:			320.40				
Client ID :	MDL-SOIL-QT2-2024-04						
P2409-04	MDL-SOIL-QT2-2024-04 Solid	Total Alkanes	*	0.000	24	170	ug/Kg
Total Tics :			0.00				
P2409-04	MDL-SOIL-QT2-2024-04 Solid	1,1-Biphenyl	150.000	J	24	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	1,2,3,4-Tetrachlorobenzene	140.000	J	50	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	1,2,4,5-Tetrachlorobenzene	160.000	J	24	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	1,4-Dioxane	33.000	J	11	66	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	1-Methylnaphthalene	170.000		33	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	2,2-oxybis(1-Chloropropane)	140.000	J	60	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	2,3,4,6-Tetrachlorophenol	160.000	J	33	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	2,4,5-Trichlorophenol	150.000	J	39	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	2,4,6-Trichlorophenol	140.000	J	49	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	2,4-Dichlorophenol	150.000	J	16	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	2,4-Dimethylphenol	110.000	J	25	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	2,4-Dinitrophenol	120.000	J	48	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	2,4-Dinitrotoluene	160.000	J	43	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	2,6-Dinitrotoluene	150.000	J	44	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	2-Chloronaphthalene	160.000	J	26	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	2-Chlorophenol	150.000	J	23	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	2-Methylnaphthalene	160.000	J	23	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	2-Methylphenol	140.000	J	39	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	2-Nitroaniline	120.000	J	41	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	2-Nitrophenol	160.000	J	31	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	3,3-Dichlorobenzidine	130.000	J	48	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	3-Nitroaniline	120.000	J	44	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04 Solid	4,6-Dinitro-2-methylphenol	140.000	J	77	330	ug/Kg

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SDG No.: BP051724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Bromophenyl-phenylether	160.000	J	29	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Chloro-3-methylphenol	130.000	J	49	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Chloroaniline	150.000	J	24	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Chlorophenyl-phenylether	170.000		20	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Methylphenol	140.000	J	37	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Nitroaniline	150.000	J	31	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	4-Nitrophenol	150.000	J	44	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Acenaphthene	160.000	J	29	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Acenaphthylene	160.000	J	32	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Acetophenone	140.000	J	40	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Anthracene	150.000	J	25	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Atrazine	170.000	J	71	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzaldehyde	170.000	J	45	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzo(a)anthracene	160.000	J	27	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzo(a)pyrene	150.000	J	32	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzo(b)fluoranthene	150.000	J	33	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzo(g,h,i)perylene	160.000	J	26	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Benzo(k)fluoranthene	160.000	J	38	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Bis(2-Chloroethoxy)methane	140.000	J	43	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Bis(2-Chloroethyl)ether	140.000	J	40	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Bis(2-ethylhexyl)phthalate	140.000	J	96	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Butylbenzylphthalate	140.000	J	84	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Caprolactam	160.000	J	72	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Carbazole	150.000	J	28	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Chrysene	160.000	J	31	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Di-n-butylphthalate	150.000	J	61	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Di-n-octyl phthalate	130.000	J	76	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Dibenzo(a,h)anthracene	160.000	J	28	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Dibenzofuran	170.000		32	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Diethylphthalate	160.000	J	30	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Dimethylphthalate	160.000	J	29	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Fluoranthene	140.000	J	54	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Fluorene	170.000		25	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Hexachlorobenzene	160.000	J	32	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Hexachlorobutadiene	170.000		44	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Hexachlorocyclopentadiene	180.000	J	95	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Hexachloroethane	150.000	J	18	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Indeno(1,2,3-cd)pyrene	150.000	J	31	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	Isophorone	140.000	J	48	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-0	Solid	N-Nitroso-di-n-propylamine	130.000	J	51	170	ug/Kg

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SDG No.: BP051724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-04	MDL-SOIL-QT2-2024-04	Solid	N-Nitrosodiphenylamine	150.000	J	33	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04	Solid	Naphthalene	160.000	J	25	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04	Solid	Nitrobenzene	140.000	J	31	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04	Solid	Pentachlorobenzene	160.000	J	52	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04	Solid	Pentachlorophenol	140.000	J	74	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04	Solid	Phenanthrene	160.000	J	29	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04	Solid	Phenol	140.000	J	43	330	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04	Solid	Pyrene	150.000	J	49	170	ug/Kg
P2409-04	MDL-SOIL-QT2-2024-04	Solid	Pyridine	130.000	J	33	330	ug/Kg
Total Svoc :				10,673.00				
Total Concentration:				10,673.00				
Client ID :	MDL-MED-SOIL-QT2-2024-04							
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Total Alkanes	*	0.000	660	4700	ug/Kg
Total Tics :				0.00				
P2409-06	MDL-MED-SOIL-QT2-2	Solid	1,1-Biphenyl	4,500.000	J	660	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	1,2,3,4-Tetrachlorobenzene	4,000.000	J	1600	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	1,2,4,5-Tetrachlorobenzene	4,700.000		600	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	1,4-Dioxane	880.000	J	250	1900	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	1-Methylnaphthalene	4,400.000	J	1100	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,2-oxybis(1-Chloropropane)	4,100.000	J	1900	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,3,4,6-Tetrachlorophenol	4,500.000	J	920	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4,5-Trichlorophenol	4,000.000	J	720	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4,6-Trichlorophenol	4,100.000	J	1100	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4-Dichlorophenol	4,400.000	J	600	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4-Dimethylphenol	2,900.000	J	670	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4-Dinitrophenol	3,800.000	J	2700	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,4-Dinitrotoluene	4,300.000	J	920	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2,6-Dinitrotoluene	3,900.000	J	1200	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Chloronaphthalene	4,600.000	J	660	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Chlorophenol	4,400.000	J	740	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Methylnaphthalene	4,300.000	J	600	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Methylphenol	3,500.000	J	820	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Nitroaniline	3,600.000	J	1500	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	2-Nitrophenol	4,400.000	J	660	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	3,3-Dichlorobenzidine	3,800.000	J	1500	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	3-Nitroaniline	3,400.000	J	800	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4,6-Dinitro-2-methylphenol	4,100.000	J	2100	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Bromophenyl-phenylether	4,300.000	J	670	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Chloro-3-methylphenol	3,800.000	J	1200	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Chloroaniline	3,700.000	J	530	9400	ug/Kg

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SDG No.: BP051724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Chlorophenyl-phenylether	4,900.000		670	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Methylphenol	3,700.000	J	800	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Nitroaniline	4,400.000	J	730	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	4-Nitrophenol	4,200.000	J	1000	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Acenaphthene	4,800.000		770	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Acenaphthylene	4,700.000		750	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Acetophenone	3,900.000	J	920	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Anthracene	4,200.000	J	640	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Atrazine	4,500.000	J	1900	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzaldehyde	4,900.000	J	1300	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzo(a)anthracene	4,400.000	J	520	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzo(a)pyrene	4,200.000	J	1000	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzo(b)fluoranthene	4,500.000	J	1000	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzo(g,h,i)perylene	4,400.000	J	870	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Benzo(k)fluoranthene	4,500.000	J	730	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Bis(2-Chloroethoxy)methane	3,700.000	J	1200	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Bis(2-Chloroethyl)ether	4,100.000	J	1000	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Bis(2-ethylhexyl)phthalate	3,800.000	J	2500	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Butylbenzylphthalate	3,700.000	J	2300	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Caprolactam	3,900.000	J	2600	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Carbazole	4,300.000	J	580	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Chrysene	4,600.000	J	740	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Di-n-butylphthalate	4,300.000	J	1400	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Di-n-octyl phthalate	3,600.000	J	2500	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Dibenzo(a,h)anthracene	4,300.000	J	730	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Dibenzofuran	4,800.000		680	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Diethylphthalate	4,400.000	J	770	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Dimethylphthalate	4,500.000	J	690	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Fluoranthene	3,900.000	J	1300	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Fluorene	4,700.000		670	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Hexachlorobenzene	4,700.000		760	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Hexachlorobutadiene	4,900.000		1300	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Hexachlorocyclopentadiene	5,500.000	J	2500	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Hexachloroethane	4,500.000	J	450	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Indeno(1,2,3-cd)pyrene	4,300.000	J	860	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Isophorone	3,700.000	J	1000	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	N-Nitroso-di-n-propylamine	3,500.000	J	1600	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	N-Nitrosodiphenylamine	4,200.000	J	690	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Naphthalene	4,700.000		660	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Nitrobenzene	4,300.000	J	890	4700	ug/Kg

Hit Summary Sheet
SW-846

SDG No.: BP051724

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Pentachlorobenzene	4,700.000		1500	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Pentachlorophenol	4,000.000	J	1700	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Phenanthrene	4,500.000	J	790	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Phenol	3,900.000	J	1100	9400	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Pyrene	4,000.000	J	1000	4700	ug/Kg
P2409-06	MDL-MED-SOIL-QT2-2	Solid	Pyridine	4,100.000	J	1600	9400	ug/Kg
Total Svoc :				300,680.00				
Total Concentration:				300,680.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP050124 SAS No.: BP050124 SDG No.: BP050124

Instrument ID: _____ Calibration Date(s): 5/1/2024 1: _____

Calibration Time(s): 13:22 _____

LAB FILE ID:		RRFAL1 = BP020132.D		RRFAL2 = BP020133.D		RRFAL3 = BP020134.D		
		RRFAL4 = BP020135.D		RRFAL5 = BP020136.D		RRFAL6 = BP020137.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.567	0.592	0.509	0.519	0.500		0.537	7.5
Benzaldehyde		1.020	0.892	1.047	0.806	0.552	0.863	23.1
Pyridine		1.324	1.326	1.428	1.436	1.445	1.392	4.4
Hexachloroethane	0.556	0.603	0.575	0.601	0.597		0.586	3.5
Nitrobenzene	0.395	0.420	0.438	0.453	0.443		0.430	5.4
Isophorone	0.788	0.822	0.843	0.832	0.848		0.827	2.9
2-Nitrophenol	0.152	0.170	0.180	0.190	0.195		0.178	9.7
2,4-Dimethylphenol	0.376	0.373	0.395	0.395	0.398		0.388	3.1
Bis(2-Chloroethoxy)methane	0.435	0.463	0.462	0.467	0.466		0.458	2.9
2,4-Dichlorophenol	0.266	0.298	0.312	0.319	0.327		0.304	7.9
Naphthalene	1.015	1.017	1.031	1.048	1.043		1.031	1.4
4-Chloroaniline		0.418	0.434	0.421	0.438	0.431	0.428	2.0
Hexachlorobutadiene	0.237	0.235	0.231	0.241	0.239		0.236	1.7
Phenol		1.658	1.688	1.789	1.847	1.882	1.773	5.5
Caprolactam		0.103	0.116	0.101	0.113	0.099	0.106	7.2
4-Chloro-3-methylphenol	0.338	0.375	0.396	0.385	0.401		0.379	6.6
1-Methylnaphthalene	0.713	0.719	0.732	0.718	0.727		0.722	1.0
2-Methylnaphthalene	0.702	0.722	0.715	0.718	0.729		0.717	1.4
Hexachlorocyclopentadiene		0.244	0.277	0.364	0.386	0.425	0.339	22.4
2,4,6-Trichlorophenol	0.360	0.364	0.393	0.421	0.418		0.391	7.4
2,4,5-Trichlorophenol	0.395	0.408	0.424	0.426	0.452		0.421	5.1
1,1-Biphenyl	1.391	1.386	1.401	1.468	1.427		1.415	2.4
2-Chloronaphthalene	1.099	1.096	1.106	1.160	1.152		1.122	2.7
2-Nitroaniline	0.293	0.354	0.398	0.403	0.413		0.372	13.4
Bis(2-Chloroethyl)ether		1.349	1.349	1.417	1.411	1.409	1.387	2.5
Dimethylphthalate	1.387	1.492	1.526	1.443	1.528		1.475	4.1
2,6-Dinitrotoluene	0.251	0.280	0.308	0.303	0.325		0.293	9.8
Acenaphthylene	1.747	1.800	1.817	1.868	1.842		1.815	2.5
3-Nitroaniline		0.254	0.277	0.277	0.287	0.273	0.274	4.5
Acenaphthene	1.203	1.202	1.212	1.239	1.242		1.220	1.6
2,4-Dinitrophenol		0.128	0.165	0.171	0.216	0.220	0.180	21.3
4-Nitrophenol		0.155	0.251	0.233	0.268	0.262	0.234	19.6
Dibenzofuran	1.631	1.647	1.696	1.667	1.744		1.677	2.7
2,4-Dinitrotoluene	0.344	0.407	0.458	0.419	0.480		0.422	12.4
Diethylphthalate	1.374	1.450	1.549	1.417	1.573		1.473	5.8
2-Chlorophenol	1.239	1.243	1.249	1.324	1.354		1.282	4.2

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.: BP050124 SAS No.: BP050124 SDG No.: BP050124

Instrument ID: _____ Calibration Date(s): 5/1/2024 1: _____

Calibration Time(s): 13:22 _____

LAB FILE ID:		RRFAL1 = BP020132.D		RRFAL2 = BP020133.D		RRFAL3 = BP020134.D		
		RRFAL4 = BP020135.D		RRFAL5 = BP020136.D		RRFAL6 = BP020137.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.333	1.388	1.415	1.379	1.453		1.394	3.2
4-Chlorophenyl-phenylether	0.705	0.733	0.750	0.730	0.778		0.739	3.7
4-Nitroaniline		0.217	0.252	0.231	0.238	0.202	0.228	8.5
4,6-Dinitro-2-methylphenol		0.114	0.128	0.133	0.143	0.144	0.132	9.4
N-Nitrosodiphenylamine	0.544	0.557	0.539	0.586	0.557		0.557	3.3
1,2,4,5-Tetrachlorobenzene	0.601	0.602	0.602	0.666	0.648		0.624	5.0
4-Bromophenyl-phenylether	0.210	0.212	0.208	0.233	0.221		0.217	4.7
Hexachlorobenzene	0.246	0.246	0.245	0.261	0.256		0.251	2.9
Atrazine		0.199	0.195	0.199	0.203	0.192	0.197	2.2
Pentachlorophenol		0.126	0.152	0.150	0.163	0.168	0.152	10.9
2-Methylphenol		1.200	1.283	1.336	1.392	1.401	1.322	6.3
Phenanthrene	0.995	1.017	1.029	1.035	1.026		1.020	1.5
Pentachlorobenzene	0.304	0.288	0.280	0.323	0.292		0.297	5.7
Anthracene	0.996	1.022	1.050	1.052	1.069		1.038	2.8
1,2,3,4-Tetrachlorobenzene	0.295	0.287	0.274	0.340	0.290		0.297	8.4
Carbazole		0.873	0.948	0.887	0.911	0.852	0.894	4.2
Di-n-butylphthalate	0.962	1.024	1.171	1.054	1.207		1.084	9.5
Fluoranthene	1.238	1.440	1.245	1.453	1.503		1.376	9.1
Pyrene	1.321	1.480	1.303	1.506	1.547		1.432	7.8
Butylbenzylphthalate	0.477	0.511	0.531	0.549	0.649		0.543	11.9
3,3-Dichlorobenzidine		0.397	0.426	0.433	0.402	0.376	0.407	5.6
2,2-oxybis (1-Chloropropane)		1.726	1.735	1.761	1.746	1.685	1.730	1.7
Benzo (a) anthracene	1.303	1.330	1.360	1.387	1.403		1.357	3.0
Chrysene	1.218	1.227	1.264	1.289	1.288		1.257	2.6
Bis (2-ethylhexyl) phthalate	0.724	0.700	0.784	0.777	0.935		0.784	11.7
Di-n-octyl phthalate		1.111	1.219	1.121	1.628	1.325	1.281	16.6
Benzo (b) fluoranthene	1.088	1.170	1.190	1.207	1.294		1.190	6.2
Benzo (k) fluoranthene	1.167	1.194	1.208	1.188	1.305		1.212	4.4
Benzo (a) pyrene	1.064	1.107	1.129	1.178	1.181		1.132	4.4
Indeno (1,2,3-cd) pyrene	1.376	1.390	1.263	1.520	1.390		1.388	6.5
Dibenzo (a,h) anthracene	1.159	1.143	1.036	1.248	1.154		1.148	6.6
Benzo (g,h,i) perylene	1.129	1.112	0.997	1.242	1.115		1.119	7.7
Acetophenone		2.240	2.250	2.317	2.369	2.347	2.305	2.5
2,3,4,6-Tetrachlorophenol	0.339	0.367	0.396	0.379	0.409		0.378	7.2
1,4-Dioxane-d8	0.484	0.485	0.462	0.471	0.466		0.474	2.3
Pyridine-d5		1.313	1.264	1.411	1.442	1.450	1.376	6.1

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP050124 SAS No.: BP050124 SDG No.: BP050124
Instrument ID: _____ Calibration Date(s): 5/1/2024 1: _____
Calibration Time(s): 13:22 _____

LAB FILE ID:		RRFAL1 = BP020132.D			RRFAL2 = BP020133.D		RRFAL3 = BP020134.D	
		RRFAL4 = BP020135.D			RRFAL5 = BP020136.D		RRFAL6 = BP020137.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.592	1.618	1.729	1.800	1.848	1.718	6.5
Bis-(2-Chloroethyl)ether-d8		1.017	1.022	1.069	1.063	1.046	1.043	2.2
2-Chlorophenol-d4	1.174	1.173	1.205	1.282	1.306		1.228	5.1
4-Methylphenol-d8		1.270	1.343	1.404	1.458	1.467	1.389	6.0
Nitrobenzene-d5	0.137	0.143	0.149	0.159	0.160		0.150	6.5
2-Nitrophenol-d4	0.151	0.164	0.172	0.183	0.187		0.172	8.5
2,4-Dichlorophenol-d3	0.271	0.306	0.319	0.331	0.338		0.313	8.5
4-Chloroaniline-d4		0.427	0.443	0.438	0.450	0.433	0.438	2.0
4-Methylphenol		1.355	1.394	1.449	1.490	1.499	1.437	4.3
Dimethylphthalate-d6	1.416	1.434	1.490	1.437	1.526		1.461	3.1
Acenaphthylene-d8	1.538	1.572	1.613	1.664	1.680		1.613	3.7
4-Nitrophenol-d4		0.165	0.234	0.214	0.257	0.252	0.224	16.6
Fluorene-d10	1.183	1.210	1.240	1.187	1.270		1.218	3.0
4,6-Dinitro-2-methylphenol-		0.105	0.124	0.128	0.137	0.141	0.127	11.0
Anthracene-d10	0.810	0.854	0.874	0.888	0.900		0.865	4.1
Pyrene-d10	1.056	1.215	1.073	1.233	1.268		1.169	8.3
Benzo(a)pyrene-d12	0.907	0.942	0.969	0.987	1.030		0.967	4.8
N-Nitroso-di-n-propylamine	1.206	1.232	1.245	1.274	1.297		1.251	2.8

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.: BP051724 SAS No.: BP051724 SDG NO.: BP051724

EPA Sample No.: SSTD020632 Date Analyzed: May 17 2024 12:00AM

Lab File ID: BP020134.D Time Analyzed: 09:24

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	94559	7.628	394839	10.41	280550	14.30
UPPER LIMIT	189118	8.128	789678	10.905	561100	14.804
LOWER LIMIT	47279.5	7.128	197419.5	9.905	140275	13.804
EPA SAMPLE NO.						
01 SBLK908	74559	7.59	299150	10.36	211946	14.27
02 MDL-WATER-QT2-2024-04	81664	7.59	341074	10.36	234351	14.26
03 MDL-SOIL-QT2-2024-04	85535	7.59	342404	10.36	241536	14.26
04 MDL-MED-SOIL-QT2-2024-04	87453	7.59	344487	10.35	229331	14.26
05 SBLK910	75934	7.56	319181	10.35	231784	14.27
06 SBLK913	73299	7.59	302626	10.36	218069	14.26
07 E0Y32	70804	7.59	295530	10.36	215073	14.26

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.: BP051724 SAS No.: BP051724 SDG NO.: BP051724

EPA Sample No.: SSTD020656 Date Analyzed: May 17 2024 12:00AM

Lab File ID: BP020415.D Time Analyzed: 09:24

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	71142	7.587	294322	10.36	218901	14.26
UPPER LIMIT	142284	8.087	588644	10.857	437802	14.763
LOWER LIMIT	35571	7.087	147161	9.857	109450.5	13.763
EPA SAMPLE NO.						
01 SBLK908	74559	7.59	299150	10.36	211946	14.27
02 MDL-WATER-QT2-2024-04	81664	7.59	341074	10.36	234351	14.26
03 MDL-SOIL-QT2-2024-04	85535	7.59	342404	10.36	241536	14.26
04 MDL-MED-SOIL-QT2-2024-04	87453	7.59	344487	10.35	229331	14.26
05 SBLK910	75934	7.56	319181	10.35	231784	14.27
06 SBLK913	73299	7.59	302626	10.36	218069	14.26
07 E0Y32	70804	7.59	295530	10.36	215073	14.26

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.: BP051724 SAS No.: BP051724 SDG NO.: BP051724

EPA Sample No.: SSTD020632 Date Analyzed: May 17 2024 12:00AM

Lab File ID: BP020134.D Time Analyzed: 09:24

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	630053	17.139	637602	21.639	700054	25.016
UPPER LIMIT	1260106	17.639	1275204	22.139	1400108	25.516
LOWER LIMIT	315026.5	16.639	318801	21.139	350027	24.516
EPA SAMPLE NO.						
01 SBLK908	503777	17.12	509019	21.61	557891	24.94
02 MDL-WATER-QT2-2024-04	576395	17.09	600602	21.59	645269	24.95
03 MDL-SOIL-QT2-2024-04	581849	17.10	615577	21.60	664045	24.95
04 MDL-MED-SOIL-QT2-2024-04	549761	17.10	613498	21.60	670039	24.94
05 SBLK910	555490	17.11	559552	21.62	616733	24.96
06 SBLK913	513926	17.09	504389	21.60	554812	24.95
07 E0Y32	515746	17.10	535335	21.60	610954	24.96

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.: BP051724 SAS No.: BP051724 SDG NO.: BP051724

EPA Sample No.: SSTD020656 Date Analyzed: May 17 2024 12:00AM

Lab File ID: BP020415.D Time Analyzed: 09:24

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	528288	17.098	556391	21.61	627859	24.951
UPPER LIMIT	1056576	17.598	1112782	22.11	1255718	25.451
LOWER LIMIT	264144	16.598	278195.5	21.11	313929.5	24.451
EPA SAMPLE NO.						
01 SBLK908	503777	17.12	509019	21.61	557891	24.94
02 MDL-WATER-QT2-2024-04	576395	17.09	600602	21.59	645269	24.95
03 MDL-SOIL-QT2-2024-04	581849	17.10	615577	21.60	664045	24.95
04 MDL-MED-SOIL-QT2-2024-04	549761	17.10	613498	21.60	670039	24.94
05 SBLK910	555490	17.11	559552	21.62	616733	24.96
06 SBLK913	513926	17.09	504389	21.60	554812	24.95
07 E0Y32	515746	17.10	535335	21.60	610954	24.96

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.

E0Y32

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP051724

SAS No.: BP051724 SDG NO.: BP051724

Lab File ID: BP020422.D

Lab Sample ID: P2321-01

Instrument ID: BNA_P

Date Extracted: 05/06/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/17/2024

Level: (low/med) LOW

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
E0Y32	P2321-01	BP020422.D	05/17/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK908

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP051724

SAS No.: BP051724 SDG NO.: BP051724

Lab File ID: BP020416.D

Lab Sample ID: PB160908BL

Instrument ID: BNA_P

Date Extracted: 05/14/2024

Matrix: (soil/water) Water

Date Analyzed: 05/17/2024

Level: (low/med) LOW

Time Analyzed: 09:24

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT2-2024-04	P2409-02	BP020417.D	05/17/2024

COMMENTS: _____



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK910

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP051724

SAS No.: BP051724 SDG NO.: BP051724

Lab File ID: BP020420.D

Lab Sample ID: PB160910BL

Instrument ID: BNA_P

Date Extracted: 05/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/17/2024

Level: (low/med) LOW

Time Analyzed: 12:46

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-QT2-2024-04	P2409-04	BP020418.D	05/17/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK913

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP051724

SAS No.: BP051724 SDG NO.: BP051724

Lab File ID: BP020421.D

Lab Sample ID: PB160913BL

Instrument ID: BNA_P

Date Extracted: 05/14/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/17/2024

Level: (low/med) MED

Time Analyzed: 13:28

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-QT2-2024-04	P2409-06	BP020419.D	05/17/2024

COMMENTS: _____



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Surrogate Summary

SW-846

SDG No.: BP051724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2321-01	E0Y32	BP020422.D	1,4-Dioxane-d8	8	3.79	47		15	120
			Pyridine-d5	40	15.97	40		20	120
			Phenol-d5	40	18.73	47		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.74	49		10	150
			2-Chlorophenol-d4	40	20.78	52		15	120
			4-Methylphenol-d8	40	20.20	50		10	140
			Nitrobenzene-d5	40	20.28	51		10	135
			2-Nitrophenol-d4	40	20.73	52		10	120
			2,4-Dichlorophenol-d3	40	22.29	56		10	140
			4-Chloroaniline-d4	40	19.78	49		1	145
			Dimethylphthalate-d6	40	24.38	61		10	145
			Acenaphthylene-d8	40	24.01	60		15	120
			4-Nitrophenol-d4	40	17.36	43		10	150
			Fluorene-d10	40	26.52	66		20	140
			4,6-Dinitro-2-methylphenol-d2	40	11.43	29		10	130
			Anthracene-d10	40	25.04	63		10	150
			Pyrene-d10	40	23.60	59		10	130
			Benzo(a)pyrene-d12	40	25.26	63		10	140

Surrogate Summary

SW-846

SDG No.: BP051724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2409-02	MDL-WATER-QT2BP020417.D		1,4-Dioxane-d8	8	4.95	62		15	120
			Pyridine-d5	40	20.18	50		20	120
			Phenol-d5	40	20.50	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.41	51		25	120
			2-Chlorophenol-d4	40	22.43	56		20	130
			4-Methylphenol-d8	40	18.92	47		25	125
			Nitrobenzene-d5	40	21.82	55		20	125
			2-Nitrophenol-d4	40	21.00	52		20	130
			2,4-Dichlorophenol-d3	40	21.29	53		20	120
			4-Chloroaniline-d4	40	19.17	48		1	146
			Dimethylphthalate-d6	40	22.98	57		25	130
			Acenaphthylene-d8	40	22.43	56		10	130
			4-Nitrophenol-d4	40	22.76	57		10	150
			Fluorene-d10	40	24.07	60		25	125
			4,6-Dinitro-2-methylphenol-d2	40	16.75	42		10	130
			Anthracene-d10	40	21.45	54		25	130
			Pyrene-d10	40	20.73	52		15	130
			Benzo(a)pyrene-d12	40	23.23	58		20	130
PB160908BL	PB160908BL	BP020416.D	Pyridine-d5	40	23.14	58		20	120
			1,4-Dioxane-d8	8	5.71	71		15	120
			Phenol-d5	40	23.92	60		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.44	61		25	120
			2-Chlorophenol-d4	40	27.94	70		20	130
			4-Methylphenol-d8	40	24.02	60		25	125
			Nitrobenzene-d5	40	26.55	66		20	125
			2-Nitrophenol-d4	40	26.16	65		20	130
			2,4-Dichlorophenol-d3	40	24.63	62		20	120
			4-Chloroaniline-d4	40	23.64	59		1	146
			Dimethylphthalate-d6	40	29.57	74		25	130
			Acenaphthylene-d8	40	27.28	68		10	130
			4-Nitrophenol-d4	40	21.55	54		10	150
			Fluorene-d10	40	29.98	75		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.53	49		10	130
			Anthracene-d10	40	29.73	74		25	130
			Pyrene-d10	40	27.50	69		15	130
			Benzo(a)pyrene-d12	40	29.69	74		20	130

Surrogate Summary

SW-846

SDG No.: BP051724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2409-04	MDL-SOIL-QT2-2(BP020418.D		1,4-Dioxane-d8	8	4.89	61		15	120
			Pyridine-d5	40	19.47	49		20	120
			Phenol-d5	40	20.22	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	19.74	49		10	150
			2-Chlorophenol-d4	40	22.22	56		15	120
			4-Methylphenol-d8	40	19.28	48		10	140
			Nitrobenzene-d5	40	21.71	54		10	135
			2-Nitrophenol-d4	40	21.79	54		10	120
			2,4-Dichlorophenol-d3	40	21.89	55		10	140
			4-Chloroaniline-d4	40	18.65	47		1	145
			Dimethylphthalate-d6	40	23.23	58		10	145
			Acenaphthylene-d8	40	23.02	58		15	120
			4-Nitrophenol-d4	40	22.39	56		10	150
			Fluorene-d10	40	24.07	60		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.36	43		10	130
			Anthracene-d10	40	21.36	53		10	150
			Pyrene-d10	40	20.84	52		10	130
			Benzo(a)pyrene-d12	40	23.00	57		10	140
PB160910BL	PB160910BL	BP020420.D	1,4-Dioxane-d8	8	5.09	64		15	120
			Pyridine-d5	40	21.72	54		20	120
			Phenol-d5	40	21.57	54		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.67	57		10	150
			2-Chlorophenol-d4	40	25.90	65		15	120
			4-Methylphenol-d8	40	22.81	57		10	140
			Nitrobenzene-d5	40	24.18	60		10	135
			2-Nitrophenol-d4	40	24.39	61		10	120
			2,4-Dichlorophenol-d3	40	22.01	55		10	140
			4-Chloroaniline-d4	40	20.78	52		1	145
			Dimethylphthalate-d6	40	26.52	66		10	145
			Acenaphthylene-d8	40	24.47	61		15	120
			4-Nitrophenol-d4	40	20.56	51		10	150
			Fluorene-d10	40	26.80	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.97	45		10	130
			Anthracene-d10	40	26.60	66		10	150
			Pyrene-d10	40	24.97	62		10	130
			Benzo(a)pyrene-d12	40	26.85	67		10	140

Surrogate Summary

SW-846

SDG No.: BP051724

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2409-06	MDL-MED-SOIL-(BP020419.D		Pyridine-d5	40	20.46	51		20	120
			1,4-Dioxane-d8	8	4.96	62		15	120
			Phenol-d5	40	20.20	50		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.21	51		10	150
			2-Chlorophenol-d4	40	22.18	55		15	120
			4-Methylphenol-d8	40	18.76	47		10	140
			Nitrobenzene-d5	40	22.46	56		10	135
			2-Nitrophenol-d4	40	20.97	52		10	120
			2,4-Dichlorophenol-d3	40	21.07	53		10	140
			4-Chloroaniline-d4	40	18.93	47		1	145
			Dimethylphthalate-d6	40	22.51	56		10	145
			Acenaphthylene-d8	40	22.81	57		15	120
			4-Nitrophenol-d4	40	22.59	56		10	150
			Fluorene-d10	40	23.44	59		20	140
			4,6-Dinitro-2-methylphenol-d2	40	16.53	41		10	130
			Anthracene-d10	40	21.36	53		10	150
			Pyrene-d10	40	19.35	48		10	130
			Benzo(a)pyrene-d12	40	22.52	56		10	140
PB160913BL	PB160913BL	BP020421.D	1,4-Dioxane-d8	8	5.37	67		15	120
			Pyridine-d5	40	21.72	54		20	120
			Phenol-d5	40	21.83	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.90	57		10	150
			2-Chlorophenol-d4	40	26.04	65		15	120
			4-Methylphenol-d8	40	22.50	56		10	140
			Nitrobenzene-d5	40	25.36	63		10	135
			2-Nitrophenol-d4	40	23.45	59		10	120
			2,4-Dichlorophenol-d3	40	22.89	57		10	140
			4-Chloroaniline-d4	40	22.68	57		1	145
			Dimethylphthalate-d6	40	27.43	69		10	145
			Acenaphthylene-d8	40	25.54	64		15	120
			4-Nitrophenol-d4	40	21.26	53		10	150
			Fluorene-d10	40	28.03	70		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.51	44		10	130
			Anthracene-d10	40	28.52	71		10	150
			Pyrene-d10	40	25.96	65		10	130
			Benzo(a)pyrene-d12	40	27.73	69		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP051724

Lab Code: CHEM

SAS No.: BP051724

SDG NO.: BP051724

Lab File ID: BP020414.D

DFTPP Injection Date: 05/17/2024

Instrument ID: BNA_P

DFTPP Injection Time: 07:56

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	33.7
68	Less than 2.0% of mass 69	0.6 (1.5) 1
69	Mass 69 relative abundance	38.2
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	42.3
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.8
275	10.0 - 60.0% of mass 198	28.3
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	11.6
442	Greater than 50% of mass 198	71.8
443	15.0 - 24.0% of mass 442	14.1 (19.6) 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
SSTD020656	SSTDCCC020	BP020415.D	05/17/2024	08:39
SBLK908	PB160908BL	BP020416.D	05/17/2024	09:24
MDL-WATER-QT2-2024-04	P2409-02	BP020417.D	05/17/2024	10:07
MDL-SOIL-QT2-2024-04	P2409-04	BP020418.D	05/17/2024	10:49
MDL-MED-SOIL-QT2-2024-04	P2409-06	BP020419.D	05/17/2024	11:36
SBLK910	PB160910BL	BP020420.D	05/17/2024	12:46
SBLK913	PB160913BL	BP020421.D	05/17/2024	13:28
E0Y32	P2321-01	BP020422.D	05/17/2024	14:11
SSTD020657	SSTDCCC020EC	BP020423.D	05/17/2024	14:55