

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP051624 SAS No.: BP051624 SDG No.: BP051624
Instrument ID: BNA_P Calibration Date/Time: 5/16/2024 1:09:54
Lab File ID: BP020406.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020654 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	0.523	0.010	-2.7083	40.0
Benzaldehyde	0.863	0.883	0.010	2.2556	40.0
Pyridine	1.392	1.259	0.010	-9.5185	40.0
Phenol	1.773	1.517	0.080	-14.45	20.0
Bis(2-Chloroethyl)ether	1.387	1.283	0.100	-7.5466	20.0
2-Chlorophenol	1.282	1.269	0.200	-1.0187	20.0
2-Methylphenol	1.322	1.211	0.010	-8.4565	20.0
2,2-oxybis(1-Chloropropane)	1.730	1.542	0.010	-10.8684	40.0
Acetophenone	2.305	2.128	0.060	-7.6446	20.0
4-Methylphenol	1.437	1.321	0.010	-8.061	20.0
N-Nitroso-di-n-propylamine	1.251	1.111	0.050	-11.2007	30.0
Hexachloroethane	0.586	0.574	0.100	-2.1262	20.0
Nitrobenzene	0.430	0.408	0.050	-4.9946	25.0
Isophorone	0.827	0.757	0.050	-8.4188	25.0
2-Nitrophenol	0.178	0.178	0.050	0.0898	25.0
2,4-Dimethylphenol	0.388	0.372	0.050	-4.0789	25.0
Bis(2-Chloroethoxy)methane	0.458	0.427	0.050	-6.7999	20.0
2,4-Dichlorophenol	0.304	0.312	0.060	2.5338	20.0
Naphthalene	1.031	1.039	0.200	0.819	20.0
4-Chloroaniline	0.428	0.402	0.010	-6.0791	40.0
Hexachlorobutadiene	0.236	0.240	0.040	1.5276	30.0
Caprolactam	0.106	0.105	0.010	-1.6206	40.0
4-Chloro-3-methylphenol	0.379	0.368	0.040	-2.941	25.0
1-Methylnaphthalene	0.722	0.738	0.100	2.2219	20.0
2-Methylnaphthalene	0.717	0.723	0.100	0.7456	20.0
Hexachlorocyclopentadiene	0.339	0.212	0.010	-37.6147	40.0
2,4,6-Trichlorophenol	0.391	0.381	0.090	-2.5448	25.0
2,4,5-Trichlorophenol	0.421	0.421	0.100	0.1284	25.0
1,1-Biphenyl	1.415	1.353	0.200	-4.3569	20.0
2-Chloronaphthalene	1.122	1.112	0.300	-0.9568	20.0
2-Nitroaniline	0.372	0.342	0.050	-8.1763	40.0
Dimethylphthalate	1.475	1.469	0.300	-0.4078	20.0
2,6-Dinitrotoluene	0.293	0.294	0.080	0.1654	30.0
Acenaphthylene	1.815	1.781	0.400	-1.84	20.0
3-Nitroaniline	0.274	0.255	0.010	-6.742	40.0
Acenaphthene	1.220	1.195	0.200	-1.9893	20.0
2,4-Dinitrophenol	0.180	0.136	0.010	-24.2511	40.0
4-Nitrophenol	0.234	0.225	0.010	-3.7764	40.0
Dibenzofuran	1.677	1.735	0.300	3.4657	20.0

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Instrument ID: BNA_P Calibration Date/Time: 5/16/2024 1:09:54

Lab File ID: BP020406.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020654 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	0.441	0.070	4.7073	30.0
Diethylphthalate	1.473	1.493	0.300	1.3675	20.0
Fluorene	1.394	1.422	0.200	2.0348	20.0
4-Chlorophenyl-phenylether	0.739	0.778	0.100	5.188	20.0
4-Nitroaniline	0.228	0.238	0.010	4.3844	40.0
4,6-Dinitro-2-methylphenol	0.132	0.115	0.010	-13.077	40.0
N-Nitrosodiphenylamine	0.557	0.515	0.050	-7.4303	20.0
1,2,4,5-Tetrachlorobenzene	0.624	0.621	0.100	-0.4439	20.0
4-Bromophenyl-phenylether	0.217	0.217	0.070	-0.0224	20.0
Hexachlorobenzene	0.251	0.255	0.050	1.5166	25.0
Atrazine	0.197	0.182	0.010	-7.7109	25.0
Pentachlorophenol	0.152	0.135	0.010	-10.9185	40.0
Phenanthrene	1.020	1.017	0.200	-0.3114	20.0
Pentachlorobenzene	0.297	0.290	0.050	-2.6286	20.0
Anthracene	1.038	1.034	0.200	-0.3747	20.0
1,2,3,4-Tetrachlorobenzene	0.297	0.274	0.050	-7.735	20.0
Carbazole	0.894	0.894	0.050	0.0257	40.0
Di-n-butylphthalate	1.084	1.113	0.500	2.7007	25.0
Fluoranthene	1.376	1.223	0.400	-11.0929	25.0
Pyrene	1.432	1.291	0.400	-9.7963	25.0
Butylbenzylphthalate	0.543	0.509	0.100	-6.3182	40.0
3,3-Dichlorobenzidine	0.407	0.413	0.010	1.4145	40.0
Benzo(a)anthracene	1.357	1.324	0.300	-2.4006	30.0
Chrysene	1.257	1.255	0.200	-0.2156	30.0
Bis(2-ethylhexyl)phthalate	0.784	0.735	0.200	-6.2091	40.0
Di-n-octyl phthalate	1.281	1.127	0.010	-12.0488	40.0
Benzo(b)fluoranthene	1.190	1.175	0.200	-1.2573	25.0
Benzo(k)fluoranthene	1.212	1.182	0.200	-2.5517	25.0
Benzo(a)pyrene	1.132	1.100	0.200	-2.8362	20.0
Indeno(1,2,3-cd)pyrene	1.388	1.335	0.200	-3.8066	25.0
Dibenzo(a,h)anthracene	1.148	1.101	0.200	-4.12	30.0
Benzo(g,h,i)perylene	1.119	1.076	0.200	-3.9019	30.0
2,3,4,6-Tetrachlorophenol	0.378	0.394	0.040	4.3223	20.0
1,4-Dioxane-d8	0.474	0.468	0.010	-1.2676	25.0
Pyridine-d5	1.376	1.223	0.010	-11.0982	40.0
Phenol-d5	1.718	1.548	0.010	-9.8688	25.0
Bis-(2-Chloroethyl)ether-d8	1.043	0.947	0.050	-9.2702	25.0
2-Chlorophenol-d4	1.228	1.198	0.200	-2.4631	20.0
4-Methylphenol-d8	1.389	1.293	0.010	-6.8581	20.0

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Lab File ID: BP020406.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020654 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.150	0.148	0.050	-1.4688	20.0
2-Nitrophenol-d4	0.172	0.169	0.050	-1.5445	30.0
2,4-Dichlorophenol-d3	0.313	0.315	0.060	0.5272	20.0
4-Chloroaniline-d4	0.438	0.413	0.010	-5.6238	40.0
Dimethylphthalate-d6	1.461	1.446	0.300	-0.961	20.0
Acenaphthylene-d8	1.613	1.571	0.400	-2.6513	20.0
4-Nitrophenol-d4	0.224	0.169	0.010	-24.5402	40.0
Fluorene-d10	1.218	1.229	0.100	0.8997	20.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.114	0.010	-10.5664	40.0
Anthracene-d10	0.865	0.881	0.300	1.8079	20.0
Pyrene-d10	1.169	1.052	0.300	-10.0164	25.0
Benzo(a)pyrene-d12	0.967	0.955	0.010	-1.2043	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.: BP051624 SAS No.: BP051624 SDG No.: BP051624

Instrument ID: BNA_P Calibration Date/Time: 5/16/2024 1:16:29

Lab File ID: BP020413.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020655 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	0.520	0.010	-3.1871	50.0
Benzaldehyde	0.863	0.881	0.010	2.071	50.0
Pyridine	1.392	1.250	0.010	-10.164	50.0
Phenol	1.773	1.611	0.080	-9.1004	50.0
Bis(2-Chloroethyl)ether	1.387	1.289	0.100	-7.0837	50.0
2-Chlorophenol	1.282	1.254	0.200	-2.1562	50.0
2-Methylphenol	1.322	1.191	0.010	-9.9497	50.0
2,2-oxybis(1-Chloropropane)	1.730	1.558	0.010	-9.9902	50.0
Acetophenone	2.305	2.078	0.060	-9.8265	50.0
4-Methylphenol	1.437	1.274	0.010	-11.3568	50.0
N-Nitroso-di-n-propylamine	1.251	1.101	0.050	-11.954	50.0
Hexachloroethane	0.586	0.572	0.100	-2.5067	50.0
Nitrobenzene	0.430	0.394	0.050	-8.2956	50.0
Isophorone	0.827	0.734	0.050	-11.2368	50.0
2-Nitrophenol	0.178	0.177	0.050	-0.2967	50.0
2,4-Dimethylphenol	0.388	0.371	0.050	-4.211	50.0
Bis(2-Chloroethoxy)methane	0.458	0.415	0.050	-9.3712	50.0
2,4-Dichlorophenol	0.304	0.306	0.060	0.5603	50.0
Naphthalene	1.031	1.011	0.200	-1.9049	50.0
4-Chloroaniline	0.428	0.395	0.010	-7.6857	50.0
Hexachlorobutadiene	0.236	0.244	0.040	3.2469	50.0
Caprolactam	0.106	0.105	0.010	-1.565	50.0
4-Chloro-3-methylphenol	0.379	0.355	0.040	-6.2144	50.0
1-Methylnaphthalene	0.722	0.710	0.100	-1.5658	50.0
2-Methylnaphthalene	0.717	0.702	0.100	-2.1897	50.0
Hexachlorocyclopentadiene	0.339	0.215	0.010	-36.6662	50.0
2,4,6-Trichlorophenol	0.391	0.377	0.090	-3.6332	50.0
2,4,5-Trichlorophenol	0.421	0.406	0.100	-3.4589	50.0
1,1-Biphenyl	1.415	1.333	0.200	-5.7349	50.0
2-Chloronaphthalene	1.122	1.109	0.300	-1.2204	50.0
2-Nitroaniline	0.372	0.335	0.050	-9.939	50.0
Dimethylphthalate	1.475	1.497	0.300	1.441	50.0
2,6-Dinitrotoluene	0.293	0.290	0.080	-1.0102	50.0
Acenaphthylene	1.815	1.814	0.400	-0.0114	50.0
3-Nitroaniline	0.274	0.255	0.010	-6.7194	50.0
Acenaphthene	1.220	1.220	0.200	0.0033	50.0
2,4-Dinitrophenol	0.180	0.140	0.010	-22.1336	50.0
4-Nitrophenol	0.234	0.244	0.010	4.502	50.0
Dibenzofuran	1.677	1.723	0.300	2.713	50.0

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Instrument ID: BNA_P Calibration Date/Time: 5/16/2024 1:16:29
Lab File ID: BP020413.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020655 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	0.462	0.070	9.6617	50.0
Diethylphthalate	1.473	1.582	0.300	7.4146	50.0
Fluorene	1.394	1.452	0.200	4.2038	50.0
4-Chlorophenyl-phenylether	0.739	0.775	0.100	4.8771	50.0
4-Nitroaniline	0.228	0.253	0.010	11.0233	50.0
4,6-Dinitro-2-methylphenol	0.132	0.116	0.010	-12.2332	50.0
N-Nitrosodiphenylamine	0.557	0.513	0.050	-7.9197	50.0
1,2,4,5-Tetrachlorobenzene	0.624	0.624	0.100	0.0132	50.0
4-Bromophenyl-phenylether	0.217	0.210	0.070	-3.0698	50.0
Hexachlorobenzene	0.251	0.251	0.050	0.0195	50.0
Atrazine	0.197	0.183	0.010	-7.0888	50.0
Pentachlorophenol	0.152	0.140	0.010	-7.7935	50.0
Phenanthrene	1.020	1.014	0.200	-0.6372	50.0
Pentachlorobenzene	0.297	0.274	0.050	-7.8372	50.0
Anthracene	1.038	1.040	0.200	0.1749	50.0
1,2,3,4-Tetrachlorobenzene	0.297	0.260	0.050	-12.3769	50.0
Carbazole	0.894	0.901	0.050	0.8037	50.0
Di-n-butylphthalate	1.084	1.118	0.500	3.1837	50.0
Fluoranthene	1.376	1.160	0.400	-15.6695	50.0
Pyrene	1.432	1.250	0.400	-12.6511	50.0
Butylbenzylphthalate	0.543	0.501	0.100	-7.7483	50.0
3,3-Dichlorobenzidine	0.407	0.411	0.010	1.0098	50.0
Benzo (a) anthracene	1.357	1.309	0.300	-3.4987	50.0
Chrysene	1.257	1.246	0.200	-0.8865	50.0
Bis (2-ethylhexyl) phthalate	0.784	0.745	0.200	-5.0011	50.0
Di-n-octyl phthalate	1.281	1.124	0.010	-12.2217	50.0
Benzo (b) fluoranthene	1.190	1.173	0.200	-1.4346	50.0
Benzo (k) fluoranthene	1.212	1.217	0.200	0.3553	50.0
Benzo (a) pyrene	1.132	1.118	0.200	-1.225	50.0
Indeno (1,2,3-cd) pyrene	1.388	1.366	0.200	-1.5745	50.0
Dibenzo (a,h) anthracene	1.148	1.111	0.200	-3.2294	50.0
Benzo (g,h,i) perylene	1.119	1.087	0.200	-2.8616	50.0
2,3,4,6-Tetrachlorophenol	0.378	0.413	0.040	9.2146	50.0
1,4-Dioxane-d8	0.474	0.490	0.010	3.5584	50.0
Pyridine-d5	1.376	1.215	0.010	-11.6886	50.0
Phenol-d5	1.718	1.514	0.010	-11.87	50.0
Bis- (2-Chloroethyl) ether-d8	1.043	0.929	0.050	-10.9607	50.0
2-Chlorophenol-d4	1.228	1.174	0.200	-4.3756	50.0
4-Methylphenol-d8	1.389	1.263	0.010	-9.0195	50.0

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 Instrument ID: BNA_P Calibration Date/Time: 5/16/2024 1:16:29
 Lab File ID: BP020413.D Init. Calib. Date(s): _____
 EPA Sample No.: SSTD020655 Init. Calib. Time(s): _____
 GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.150	0.143	0.050	-4.5565	50.0
2-Nitrophenol-d4	0.172	0.166	0.050	-3.2906	50.0
2,4-Dichlorophenol-d3	0.313	0.308	0.060	-1.5075	50.0
4-Chloroaniline-d4	0.438	0.403	0.010	-7.9586	50.0
Dimethylphthalate-d6	1.461	1.485	0.300	1.6545	50.0
Acenaphthylene-d8	1.613	1.591	0.400	-1.3626	50.0
4-Nitrophenol-d4	0.224	0.158	0.010	-29.6442	50.0
Fluorene-d10	1.218	1.249	0.100	2.5331	50.0
4,6-Dinitro-2-methylphenol-d2	0.127	0.111	0.010	-12.2568	50.0
Anthracene-d10	0.865	0.866	0.300	0.1401	50.0
Pyrene-d10	1.169	1.021	0.300	-12.6481	50.0
Benzo(a)pyrene-d12	0.967	0.970	0.010	0.3226	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK893	SDG No.:	BP051624
Lab Sample ID:	PB160893BL	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
BP020407.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160893

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:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK893	SDG No.:	BP051624
Lab Sample ID:	PB160893BL	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
BP020407.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160893

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:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK893	SDG No.:	BP051624
Lab Sample ID:	PB160893BL	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
BP020407.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160893

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	5.294		15-120		66	SPK: -8
7291-22-7	Pyridine-d5	21.779		20-120		54	SPK: -40
4165-62-2	Phenol-d5	24.509		10-130		61	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	24.805		25-120		62	SPK: -40
93951-73-6	2-Chlorophenol-d4	28.45		20-130		71	SPK: -40
190780-66-6	4-Methylphenol-d8	24.351		25-125		61	SPK: -40
4165-60-0	Nitrobenzene-d5	26.266		20-125		66	SPK: -40
93951-78-1	2-Nitrophenol-d4	25.049		20-130		63	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	24.454		20-120		61	SPK: -40
191656-33-4	4-Chloroaniline-d4	23.647		1-146		59	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.916		25-130		70	SPK: -40
93951-97-4	Acenaphthylene-d8	26.853		10-130		67	SPK: -40
93951-79-2	4-Nitrophenol-d4	19.774		10-150		49	SPK: -40
81103-79-9	Fluorene-d10	28.578		25-125		71	SPK: -40

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK893	SDG No.:	BP051624
Lab Sample ID:	PB160893BL	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
BP020407.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160893

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.047		10-130		48	SPK: -40
1719-06-8	Anthracene-d10	29.915		25-130		75	SPK: -40
1718-52-1	Pyrene-d10	25.526		15-130		64	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	29.244		20-130		73	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63751	7.593				
1146-65-2	Naphthalene-d8	260821	10.363				
15067-26-2	Acenaphthene-d10	178976	14.269				
1517-22-2	Phenanthrene-d10	400707	17.122				
1719-03-5	Chrysene-d12	450196	21.616				
1520-96-3	Perylene-d12	523121	24.963				
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-QT2-2024-03	SDG No.:	BP051624
Lab Sample ID:	P2409-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020408.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160893

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1.3	J	0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	5.4	J	1.1	5	10	ug/L
110-86-1	Pyridine	3.8	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	4.2	J	1.5	5	10	ug/L
106-44-5	4-Methylphenol	4.2	J	1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	4.3	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	4.4	J	1.4	2.5	5	ug/L
78-59-1	Isophorone	4.1	J	1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	4.1	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	3.9	J	1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	4.4	J	1.1	2.5	5	ug/L
91-20-3	Naphthalene	4.7	J	0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	4.2	J	0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	5		1.5	2.5	5	ug/L
105-60-2	Caprolactam	4.8	J	2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	3.8	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	6.5	J	3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	4.1	J	2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	4.1	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-QT2-2024-03	SDG No.:	BP051624
Lab Sample ID:	P2409-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020408.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160893

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4.4	J	1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	4.4	J	1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	3.6	J	1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	4.8	J	1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	4	J	1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	4.7	J	1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	3.6	J	1.6	5	10	ug/L
83-32-9	Acenaphthene	4.6	J	0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	3.2	J	1.8	5	10	ug/L
100-02-7	4-Nitrophenol	4.3	J	1.4	5	10	ug/L
132-64-9	Dibenzofuran	4.9	J	1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	4.7	J	1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	4.8	J	1.3	2.5	5	ug/L
86-73-7	Fluorene	5.1		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	4.9	J	1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	4.7	J	0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	3.9	J	2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	4.3	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	4.7	J	0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	4.8	J	1.2	2.5	5	ug/L
1912-24-9	Atrazine	5	J	1.8	5	10	ug/L
87-86-5	Pentachlorophenol	4.1	J	1.9	5	10	ug/L
85-01-8	Phenanthrene	4.7	J	1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	4.8	J	1.7	2.5	5	ug/L
120-12-7	Anthracene	4.4	J	1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	4.1	J	1.7	2.5	5	ug/L
86-74-8	Carbazole	4.4	J	1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	4.6	J	1.9	2.5	5	ug/L
206-44-0	Fluoranthene	4.2	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-QT2-2024-03	SDG No.:	BP051624
Lab Sample ID:	P2409-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020408.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160893

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4.3	J	1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	4	J	2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	3.9	J	1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	4.4	J	1.1	2.5	5	ug/L
218-01-9	Chrysene	4.7	J	1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	4	J	3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	3.8	J	2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.5	J	1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.6	J	1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	4.4	J	1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	4.5	J	1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	4.5	J	1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	4.6	J	1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	4.8	J	1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.337		15-120		54	SPK: -8
7291-22-7	Pyridine-d5	17.355		20-120		43	SPK: -40
4165-62-2	Phenol-d5	20.482		10-130		51	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.607		25-120		52	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.896		20-130		57	SPK: -40
190780-66-6	4-Methylphenol-d8	19.987		25-125		50	SPK: -40
4165-60-0	Nitrobenzene-d5	21.508		20-125		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.174		20-130		53	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	20.181		20-120		50	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.255		1-146		48	SPK: -40
85448-30-2	Dimethylphthalate-d6	22.946		25-130		57	SPK: -40
93951-97-4	Acenaphthylene-d8	22.869		10-130		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.61		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	24.071		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-QT2-2024-03	SDG No.:	BP051624
Lab Sample ID:	P2409-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020408.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160893

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	16.866		10-130		42	SPK: -40
1719-06-8	Anthracene-d10	21.173		25-130		53	SPK: -40
1718-52-1	Pyrene-d10	20.787		15-130		52	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.053		20-130		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	77465	7.575				
1146-65-2	Naphthalene-d8	328046	10.346				
15067-26-2	Acenaphthene-d10	237061	14.257				
1517-22-2	Phenanthrene-d10	575421	17.104				
1719-03-5	Chrysene-d12	591268	21.616				
1520-96-3	Perylene-d12	639752	24.98				
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-QT2-2024-03			SDG No.:	BP051624		
Lab Sample ID:	P2409-03			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
BP020409.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	34	J	11	6.6	66	ug/Kg
100-52-7	Benzaldehyde	180	J	45	82.2	330	ug/Kg
110-86-1	Pyridine	140	J	33	160	330	ug/Kg
108-95-2	Phenol	130	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)	150	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	140	J	51	42.4	170	ug/Kg
67-72-1	Hexachloroethane	160	J	18	42.4	170	ug/Kg
98-95-3	Nitrobenzene	160	J	31	42.4	170	ug/Kg
78-59-1	Isophorone	140	J	48	42.4	170	ug/Kg
88-75-5	2-Nitrophenol	150	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	140	J	24	42.4	330	ug/Kg
87-68-3	Hexachlorobutadiene	160	J	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	150	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-QT2-2024-03	SDG No.:	BP051624
Lab Sample ID:	P2409-03	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
BP020409.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	160	J	24	42.4	170	ug/Kg
91-58-7	2-Chloronaphthalene	150	J	26	42.4	170	ug/Kg
88-74-4	2-Nitroaniline	130	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	130	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	130	J	48	82.2	330	ug/Kg
100-02-7	4-Nitrophenol	160	J	44	82.2	330	ug/Kg
132-64-9	Dibenzofuran	170		32	42.4	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	170		43	42.4	170	ug/Kg
84-66-2	Diethylphthalate	170		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	150	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	160	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	160	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-QT2-2024-03	SDG No.:	BP051624
Lab Sample ID:	P2409-03	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
BP020409.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	140	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	110	J	48	82.2	330	ug/Kg
56-55-3	Benzo(a)anthracene	150	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	150	J	96	42.4	170	ug/Kg
117-84-0	Di-n-octyl phthalate	140	J	76	82.2	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	160	J	33	42.4	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	150	J	38	42.4	170	ug/Kg
50-32-8	Benzo(a)pyrene	160	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	180		33	42.4	170	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.191		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	19.88		20-120		50	SPK: -40
4165-62-2	Phenol-d5	20.631		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.099		10-150		50	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.472		15-120		56	SPK: -40
190780-66-6	4-Methylphenol-d8	19.772		10-140		49	SPK: -40
4165-60-0	Nitrobenzene-d5	21.867		10-135		55	SPK: -40
93951-78-1	2-Nitrophenol-d4	21.599		10-120		54	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.585		10-140		54	SPK: -40
191656-33-4	4-Chloroaniline-d4	19.898		1-145		50	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.861		10-145		60	SPK: -40
93951-97-4	Acenaphthylene-d8	22.747		15-120		57	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.603		10-150		59	SPK: -40
81103-79-9	Fluorene-d10	24.682		20-140		62	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-QT2-2024-03	SDG No.:	BP051624
Lab Sample ID:	P2409-03	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
BP020409.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	17.938		10-130		45	SPK: -40
1719-06-8	Anthracene-d10	21.274		10-150		53	SPK: -40
1718-52-1	Pyrene-d10	19.747		10-130		49	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.158		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74188	7.581				
1146-65-2	Naphthalene-d8	312907	10.351				
15067-26-2	Acenaphthene-d10	228318	14.263				
1517-22-2	Phenanthrene-d10	563079	17.104				
1719-03-5	Chrysene-d12	615506	21.604				
1520-96-3	Perylene-d12	650307	24.968				
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-QT2-2024-03	SDG No.:	BP051624
Lab Sample ID:	P2409-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.05 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
BP020410.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	1200	J	260	190	1900	ug/Kg
100-52-7	Benzaldehyde	5000	J	1300	2400	9500	ug/Kg
110-86-1	Pyridine	3800	J	1600	4700	9500	ug/Kg
108-95-2	Phenol	3900	J	1100	2400	9500	ug/Kg
111-44-4	Bis(2-Chloroethyl)ether	4200	J	1000	2400	9500	ug/Kg
95-57-8	2-Chlorophenol	4400	J	740	1200	4800	ug/Kg
95-48-7	2-Methylphenol	3800	J	830	2400	9500	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	4300	J	1900	2400	9500	ug/Kg
98-86-2	Acetophenone	4400	J	920	2400	9500	ug/Kg
106-44-5	4-Methylphenol	4000	J	810	2400	9500	ug/Kg
621-64-7	N-Nitroso-di-n-propylamine	4200	J	1600	1200	4800	ug/Kg
67-72-1	Hexachloroethane	4600	J	460	1200	4800	ug/Kg
98-95-3	Nitrobenzene	4200	J	900	1200	4800	ug/Kg
78-59-1	Isophorone	4200	J	1000	1200	4800	ug/Kg
88-75-5	2-Nitrophenol	4200	J	670	1200	4800	ug/Kg
105-67-9	2,4-Dimethylphenol	3400	J	680	1200	4800	ug/Kg
111-91-1	Bis(2-Chloroethoxy)methane	4000	J	1200	1200	4800	ug/Kg
120-83-2	2,4-Dichlorophenol	4400	J	610	1200	4800	ug/Kg
91-20-3	Naphthalene	4600	J	670	1200	4800	ug/Kg
106-47-8	4-Chloroaniline	4100	J	530	1200	9500	ug/Kg
87-68-3	Hexachlorobutadiene	4600	J	1300	1200	4800	ug/Kg
105-60-2	Caprolactam	4300	J	2700	2400	9500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	3700	J	1200	1200	4800	ug/Kg
90-12-0	1-Methylnaphthalene	4800		1100	1200	4800	ug/Kg
91-57-6	2-Methylnaphthalene	4600	J	610	1200	4800	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5200	J	2600	2400	9500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	4000	J	1100	1200	4800	ug/Kg
95-95-4	2,4,5-Trichlorophenol	3800	J	720	1200	4800	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-QT2-2024-03	SDG No.:	BP051624
Lab Sample ID:	P2409-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.05 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
BP020410.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	4300	J	670	1200	4800	ug/Kg
91-58-7	2-Chloronaphthalene	4400	J	670	1200	4800	ug/Kg
88-74-4	2-Nitroaniline	3500	J	1500	1200	4800	ug/Kg
131-11-3	Dimethylphthalate	4700	J	700	1200	4800	ug/Kg
606-20-2	2,6-Dinitrotoluene	4200	J	1200	1200	4800	ug/Kg
208-96-8	Acenaphthylene	4700	J	750	1200	4800	ug/Kg
99-09-2	3-Nitroaniline	3600	J	810	2400	9500	ug/Kg
83-32-9	Acenaphthene	4600	J	780	1200	4800	ug/Kg
51-28-5	2,4-Dinitrophenol	3500	J	2800	2400	9500	ug/Kg
100-02-7	4-Nitrophenol	4500	J	1000	2400	9500	ug/Kg
132-64-9	Dibenzofuran	4700	J	690	1200	4800	ug/Kg
121-14-2	2,4-Dinitrotoluene	4600	J	920	1200	4800	ug/Kg
84-66-2	Diethylphthalate	4800		780	1200	4800	ug/Kg
86-73-7	Fluorene	4800		680	1200	4800	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	4900		680	1200	4800	ug/Kg
100-01-6	4-Nitroaniline	3900	J	730	2400	9500	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	4200	J	2100	2400	9500	ug/Kg
86-30-6	N-Nitrosodiphenylamine	4500	J	700	1200	4800	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	4300	J	610	1200	4800	ug/Kg
101-55-3	4-Bromophenyl-phenylether	4700	J	680	1200	4800	ug/Kg
118-74-1	Hexachlorobenzene	4800		770	1200	4800	ug/Kg
1912-24-9	Atrazine	5100	J	1900	2400	9500	ug/Kg
87-86-5	Pentachlorophenol	4300	J	1700	2400	9500	ug/Kg
85-01-8	Phenanthrene	4600	J	800	1200	4800	ug/Kg
608-93-5	Pentachlorobenzene	4900		1500	1200	4800	ug/Kg
120-12-7	Anthracene	4400	J	650	1200	4800	ug/Kg
634-66-2	1,2,3,4-Tetrachlorobenzene	4000	J	1600	1200	4800	ug/Kg
86-74-8	Carbazole	4100	J	580	2400	9500	ug/Kg
84-74-2	Di-n-butylphthalate	4600	J	1400	1200	4800	ug/Kg
206-44-0	Fluoranthene	4200	J	1300	2400	4800	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-QT2-2024-03	SDG No.:	BP051624
Lab Sample ID:	P2409-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.05 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
BP020410.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	4300	J	1000	1200	4800	ug/Kg
85-68-7	Butylbenzylphthalate	4100	J	2300	1200	4800	ug/Kg
91-94-1	3,3-Dichlorobenzidine	3800	J	1500	2400	9500	ug/Kg
56-55-3	Benzo(a)anthracene	4500	J	520	1200	4800	ug/Kg
218-01-9	Chrysene	4600	J	740	1200	4800	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	4200	J	2500	1200	4800	ug/Kg
117-84-0	Di-n-octyl phthalate	3900	J	2600	2400	9500	ug/Kg
205-99-2	Benzo(b)fluoranthene	4400	J	1000	1200	4800	ug/Kg
207-08-9	Benzo(k)fluoranthene	4600	J	730	1200	4800	ug/Kg
50-32-8	Benzo(a)pyrene	4300	J	1000	1200	4800	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	4400	J	870	1200	4800	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	4400	J	730	1200	4800	ug/Kg
191-24-2	Benzo(g,h,i)perylene	4500	J	880	1200	4800	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	4800		920	1200	4800	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	4.581		15-120		57	SPK: -8
7291-22-7	Pyridine-d5	19.943		20-120		50	SPK: -40
4165-62-2	Phenol-d5	20.645		10-130		52	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	20.286		10-150		51	SPK: -40
93951-73-6	2-Chlorophenol-d4	22.161		15-120		55	SPK: -40
190780-66-6	4-Methylphenol-d8	20.451		10-140		51	SPK: -40
4165-60-0	Nitrobenzene-d5	21.476		10-135		54	SPK: -40
93951-78-1	2-Nitrophenol-d4	22.237		10-120		56	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	21.866		10-140		55	SPK: -40
191656-33-4	4-Chloroaniline-d4	18.266		1-145		46	SPK: -40
85448-30-2	Dimethylphthalate-d6	23.078		10-145		58	SPK: -40
93951-97-4	Acenaphthylene-d8	22.087		15-120		55	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.89		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	24.292		20-140		61	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-QT2-2024-03	SDG No.:	BP051624
Lab Sample ID:	P2409-05	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.05 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
BP020410.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	18.293		10-130		46	SPK: -40
1719-06-8	Anthracene-d10	21.826		10-150		55	SPK: -40
1718-52-1	Pyrene-d10	21.107		10-130		53	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	23.02		10-140		58	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78761	7.593				
1146-65-2	Naphthalene-d8	339277	10.357				
15067-26-2	Acenaphthene-d10	260807	14.257				
1517-22-2	Phenanthrene-d10	598511	17.104				
1719-03-5	Chrysene-d12	597397	21.598				
1520-96-3	Perylene-d12	643612	24.951				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	670	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK896	SDG No.:	BP051624
Lab Sample ID:	PB160896BL	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
BP020411.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160896

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

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK896	SDG No.:	BP051624
Lab Sample ID:	PB160896BL	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
BP020411.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160896

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:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK896	SDG No.:	BP051624
Lab Sample ID:	PB160896BL	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
BP020411.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160896

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	5.41		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	23.025		20-120		58	SPK: -40
4165-62-2	Phenol-d5	21.996		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.738		10-150		57	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.318		15-120		63	SPK: -40
190780-66-6	4-Methylphenol-d8	22.721		10-140		57	SPK: -40
4165-60-0	Nitrobenzene-d5	23.424		10-135		59	SPK: -40
93951-78-1	2-Nitrophenol-d4	23.357		10-120		58	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	22.557		10-140		56	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.293		1-145		56	SPK: -40
85448-30-2	Dimethylphthalate-d6	27.204		10-145		68	SPK: -40
93951-97-4	Acenaphthylene-d8	24.829		15-120		62	SPK: -40
93951-79-2	4-Nitrophenol-d4	22.114		10-150		55	SPK: -40
81103-79-9	Fluorene-d10	26.857		20-140		67	SPK: -40

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK896	SDG No.:	BP051624
Lab Sample ID:	PB160896BL	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
BP020411.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160896

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.811		10-130		50	SPK: -40
1719-06-8	Anthracene-d10	27.271		10-150		68	SPK: -40
1718-52-1	Pyrene-d10	24.169		10-130		60	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	26.475		10-140		66	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74246	7.569				
1146-65-2	Naphthalene-d8	306335	10.345				
15067-26-2	Acenaphthene-d10	220860	14.269				
1517-22-2	Phenanthrene-d10	536367	17.116				
1719-03-5	Chrysene-d12	578386	21.615				
1520-96-3	Perylene-d12	628043	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK897	SDG No.:	BP051624
Lab Sample ID:	PB160897BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020412.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160897

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

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK897	SDG No.:	BP051624
Lab Sample ID:	PB160897BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020412.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160897

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

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK897	SDG No.:	BP051624
Lab Sample ID:	PB160897BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :		Decanted :	Level : MED
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020412.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1100	U	1100	1300	4900	ug/Kg
85-68-7	Butylbenzylphthalate	2400	U	2400	1300	4900	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1600	U	1600	2400	9800	ug/Kg
56-55-3	Benzo(a)anthracene	540	U	540	1300	4900	ug/Kg
218-01-9	Chrysene	760	U	760	1300	4900	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2500	U	2500	1300	4900	ug/Kg
117-84-0	Di-n-octyl phthalate	2600	U	2600	2400	9800	ug/Kg
205-99-2	Benzo(b)fluoranthene	1100	U	1100	1300	4900	ug/Kg
207-08-9	Benzo(k)fluoranthene	750	U	750	1300	4900	ug/Kg
50-32-8	Benzo(a)pyrene	1100	U	1100	1300	4900	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	890	U	890	1300	4900	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	750	U	750	1300	4900	ug/Kg
191-24-2	Benzo(g,h,i)perylene	900	U	900	1300	4900	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	950	U	950	1300	4900	ug/Kg
SURROGATES							
17647-74-4	1,4-Dioxane-d8	5.893		15-120		74	SPK: -8
7291-22-7	Pyridine-d5	22.228		20-120		56	SPK: -40
4165-62-2	Phenol-d5	22.109		10-130		55	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	23.012		10-150		58	SPK: -40
93951-73-6	2-Chlorophenol-d4	25.847		15-120		65	SPK: -40
190780-66-6	4-Methylphenol-d8	23.553		10-140		59	SPK: -40
4165-60-0	Nitrobenzene-d5	24.274		10-135		61	SPK: -40
93951-78-1	2-Nitrophenol-d4	24.126		10-120		60	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	23.439		10-140		59	SPK: -40
191656-33-4	4-Chloroaniline-d4	22.753		1-145		57	SPK: -40
85448-30-2	Dimethylphthalate-d6	28.395		10-145		71	SPK: -40
93951-97-4	Acenaphthylene-d8	26.501		15-120		66	SPK: -40
93951-79-2	4-Nitrophenol-d4	21.643		10-150		54	SPK: -40
81103-79-9	Fluorene-d10	28.24		20-140		71	SPK: -40

Report of Analysis

Client:		Date Collected:	5/13/2024 12:00:00 AM
Project:		Date Received:	5/13/2024 12:00:00 AM
Client Sample ID:	SBLK897	SDG No.:	BP051624
Lab Sample ID:	PB160897BL	Matrix:	Solid
Analytical Method:	SFAM_SVOC	% Moisture:	0
Sample Wt/Vol:	1.02 Units: g	Final Vol:	500 uL
Soil Aliquot Vol:	100 uL	Test:	
Extraction Type :	Decanted :	Level :	MED
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020412.D	1	5/13/2024 12:00:00 AM	5/16/2024 12:00:00 AM	PB160897

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.714		10-130		49	SPK: -40
1719-06-8	Anthracene-d10	28.051		10-150		70	SPK: -40
1718-52-1	Pyrene-d10	25.368		10-130		63	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	27.852		10-140		70	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	69435	7.587				
1146-65-2	Naphthalene-d8	279428	10.363				
15067-26-2	Acenaphthene-d10	196843	14.269				
1517-22-2	Phenanthrene-d10	483748	17.116				
1719-03-5	Chrysene-d12	507341	21.61				
1520-96-3	Perylene-d12	558243	24.957				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	690	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP051624

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
Client ID : MDL-WATER-QT2-2024-03							
P2409-01	MDL-WATER-QT2-2024 Water	Total Alkanes	*	0.000	1.1	5	ug/L
		Total Tics :			0.00		
P2409-01	MDL-WATER-QT2-2024 Water	1,1-Biphenyl	4.400	J	1.1	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	1,2,3,4-Tetrachlorobenzene	4.100	J	1.7	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	1,2,4,5-Tetrachlorobenzene	4.800	J	1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	1,4-Dioxane	1.300	J	0.35	2	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	1-Methylnaphthalene	4.800	J	0.91	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,2-oxybis(1-Chloropropane)	4.300	J	1.9	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,3,4,6-Tetrachlorophenol	4.800	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,4,5-Trichlorophenol	4.100	J	1.6	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,4,6-Trichlorophenol	4.100	J	2	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,4-Dichlorophenol	4.400	J	1.1	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,4-Dimethylphenol	3.300	J	0.69	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,4-Dinitrophenol	3.200	J	1.8	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,4-Dinitrotoluene	4.700	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2,6-Dinitrotoluene	4.000	J	1.7	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2-Chloronaphthalene	4.400	J	1.1	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2-Chlorophenol	4.700	J	0.91	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2-Methylnaphthalene	4.600	J	1.1	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2-Methylphenol	4.000	J	1.5	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2-Nitroaniline	3.600	J	1.8	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	2-Nitrophenol	4.100	J	1.2	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	3,3-Dichlorobenzidine	3.900	J	1.4	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	3-Nitroaniline	3.600	J	1.6	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4,6-Dinitro-2-methylphenol	3.900	J	2.4	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4-Bromophenyl-phenylether	4.700	J	0.95	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4-Chloro-3-methylphenol	3.800	J	1.6	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4-Chloroaniline	4.200	J	0.94	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4-Chlorophenyl-phenylether	4.900	J	1.1	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4-Methylphenol	4.200	J	1.7	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4-Nitroaniline	4.700	J	0.83	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	4-Nitrophenol	4.300	J	1.4	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Acenaphthene	4.600	J	0.96	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Acenaphthylene	4.700	J	1.2	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Acetophenone	4.200	J	1.5	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Anthracene	4.400	J	1.1	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Atrazine	5.000	J	1.8	10	ug/L

Hit Summary Sheet SW-846

SDG No.: BP051624

Client:

Sample ID	Client ID	Parameter	Concentration	C	MDL	RDL	Units
P2409-01	MDL-WATER-QT2-2024 Water	Benzaldehyde	5.400	J	1.1	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Benzo(a)anthracene	4.400	J	1.1	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Benzo(a)pyrene	4.400	J	1.1	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Benzo(b)fluoranthene	4.500	J	1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Benzo(g,h,i)perylene	4.600	J	1.2	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Benzo(k)fluoranthene	4.600	J	1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Bis(2-Chloroethoxy)methane	3.900	J	1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Bis(2-Chloroethyl)ether	4.400	J	1.4	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Bis(2-ethylhexyl)phthalate	4.000	J	3	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Butylbenzylphthalate	4.000	J	2.7	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Caprolactam	4.800	J	2.6	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Carbazole	4.400	J	1.1	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Chrysene	4.700	J	1.1	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Di-n-butylphthalate	4.600	J	1.9	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Di-n-octyl phthalate	3.800	J	2.4	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Dibenzo(a,h)anthracene	4.500	J	1.3	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Dibenzofuran	4.900	J	1.1	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Diethylphthalate	4.800	J	1.3	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Dimethylphthalate	4.800	J	1.1	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Fluoranthene	4.200	J	1.9	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Fluorene	5.100		0.94	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Hexachlorobenzene	4.800	J	1.2	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Hexachlorobutadiene	5.000		1.5	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Hexachlorocyclopentadiene	6.500	J	3.1	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Hexachloroethane	4.700	J	1.1	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Indeno(1,2,3-cd)pyrene	4.500	J	1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Isophorone	4.100	J	1.7	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	N-Nitroso-di-n-propylamine	4.300	J	1.9	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	N-Nitrosodiphenylamine	4.300	J	1.3	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Naphthalene	4.700	J	0.94	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Nitrobenzene	4.400	J	1.4	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Pentachlorobenzene	4.800	J	1.7	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Pentachlorophenol	4.100	J	1.9	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Phenanthrene	4.700	J	1.2	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Phenol	4.100	J	1.6	10	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Pyrene	4.300	J	1.8	5	ug/L
P2409-01	MDL-WATER-QT2-2024 Water	Pyridine	3.800	J	1.7	10	ug/L

Total Svoc :

314.70

Total Concentration:

314.70

Client ID : MDL-SOIL-QT2-2024-03

Hit Summary Sheet SW-846

SDG No.: BP051624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Total Alkanes	*	0.000	24	170	ug/Kg
			Total Tics :			0.00		
P2409-03	MDL-SOIL-QT2-2024-0	Solid	1,1-Biphenyl	160.000	J	24	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	1,2,3,4-Tetrachlorobenzene	140.000	J	50	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	1,2,4,5-Tetrachlorobenzene	160.000	J	24	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	1,4-Dioxane	34.000	J	11	66	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	1-Methylnaphthalene	170.000		33	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,2-oxybis(1-Chloropropane)	150.000	J	60	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,3,4,6-Tetrachlorophenol	180.000		33	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,4,5-Trichlorophenol	150.000	J	39	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,4,6-Trichlorophenol	150.000	J	49	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,4-Dichlorophenol	150.000	J	16	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,4-Dimethylphenol	110.000	J	25	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,4-Dinitrophenol	130.000	J	48	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,4-Dinitrotoluene	170.000		43	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2,6-Dinitrotoluene	150.000	J	44	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2-Chloronaphthalene	150.000	J	26	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2-Chlorophenol	150.000	J	23	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2-Methylnaphthalene	160.000	J	23	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2-Methylphenol	140.000	J	39	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2-Nitroaniline	130.000	J	41	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	2-Nitrophenol	150.000	J	31	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	3,3-Dichlorobenzidine	110.000	J	48	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	3-Nitroaniline	130.000	J	44	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4,6-Dinitro-2-methylphenol	140.000	J	77	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4-Bromophenyl-phenylether	150.000	J	29	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4-Chloro-3-methylphenol	130.000	J	49	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4-Chloroaniline	140.000	J	24	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4-Chlorophenyl-phenylether	170.000		20	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4-Methylphenol	140.000	J	37	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4-Nitroaniline	150.000	J	31	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	4-Nitrophenol	160.000	J	44	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Acenaphthene	160.000	J	29	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Acenaphthylene	160.000	J	32	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Acetophenone	140.000	J	40	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Anthracene	150.000	J	25	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Atrazine	170.000	J	71	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Benzaldehyde	180.000	J	45	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Benzo(a)anthracene	150.000	J	27	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Benzo(a)pyrene	160.000	J	32	170	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP051624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Benzo(b)fluoranthene	160.000	J	33	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Benzo(g,h,i)perylene	160.000	J	26	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Benzo(k)fluoranthene	150.000	J	38	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Bis(2-Chloroethoxy)methane	140.000	J	43	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Bis(2-Chloroethyl)ether	140.000	J	40	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Bis(2-ethylhexyl)phthalate	150.000	J	96	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Butylbenzylphthalate	140.000	J	84	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Caprolactam	160.000	J	72	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Carbazole	150.000	J	28	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Chrysene	160.000	J	31	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Di-n-butylphthalate	160.000	J	61	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Di-n-octyl phthalate	140.000	J	76	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Dibenzo(a,h)anthracene	160.000	J	28	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Dibenzofuran	170.000		32	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Diethylphthalate	170.000		30	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Dimethylphthalate	160.000	J	29	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Fluoranthene	140.000	J	54	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Fluorene	170.000		25	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Hexachlorobenzene	160.000	J	32	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Hexachlorobutadiene	160.000	J	44	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Hexachlorocyclopentadiene	180.000	J	95	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Hexachloroethane	160.000	J	18	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Indeno(1,2,3-cd)pyrene	150.000	J	31	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Isophorone	140.000	J	48	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	N-Nitroso-di-n-propylamine	140.000	J	51	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	N-Nitrosodiphenylamine	150.000	J	33	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Naphthalene	160.000	J	25	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Nitrobenzene	160.000	J	31	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Pentachlorobenzene	160.000	J	52	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Pentachlorophenol	160.000	J	74	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Phenanthrene	160.000	J	29	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Phenol	130.000	J	43	330	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Pyrene	140.000	J	49	170	ug/Kg
P2409-03	MDL-SOIL-QT2-2024-0	Solid	Pyridine	140.000	J	33	330	ug/Kg
Total Svoc :				10,804.00				
Total Concentration:				10,804.00				

Client ID : MDL-MED-SOIL-QT2-2024-03

P2409-05	MDL-MED-SOIL-QT2-2	Solid	Total Alkanes	*	0.000	670	4800	ug/Kg
Total Tics :					0.00			
P2409-05	MDL-MED-SOIL-QT2-2	Solid	1,1-Biphenyl		4,300.000	J 670	4800	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP051624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-05	MDL-MED-SOIL-QT2-2	Solid	1,2,3,4-Tetrachlorobenzene	4,000.000	J	1600	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	1,2,4,5-Tetrachlorobenzene	4,300.000	J	610	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	1,4-Dioxane	1,200.000	J	260	1900	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	1-Methylnaphthalene	4,800.000		1100	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,2-oxybis(1-Chloropropane)	4,300.000	J	1900	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,3,4,6-Tetrachlorophenol	4,800.000		920	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,4,5-Trichlorophenol	3,800.000	J	720	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,4,6-Trichlorophenol	4,000.000	J	1100	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,4-Dichlorophenol	4,400.000	J	610	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,4-Dimethylphenol	3,400.000	J	680	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,4-Dinitrophenol	3,500.000	J	2800	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,4-Dinitrotoluene	4,600.000	J	920	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2,6-Dinitrotoluene	4,200.000	J	1200	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2-Chloronaphthalene	4,400.000	J	670	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2-Chlorophenol	4,400.000	J	740	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2-Methylnaphthalene	4,600.000	J	610	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2-Methylphenol	3,800.000	J	830	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2-Nitroaniline	3,500.000	J	1500	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	2-Nitrophenol	4,200.000	J	670	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	3,3-Dichlorobenzidine	3,800.000	J	1500	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	3-Nitroaniline	3,600.000	J	810	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4,6-Dinitro-2-methylphenol	4,200.000	J	2100	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4-Bromophenyl-phenylether	4,700.000	J	680	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4-Chloro-3-methylphenol	3,700.000	J	1200	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4-Chloroaniline	4,100.000	J	530	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4-Chlorophenyl-phenylether	4,900.000		680	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4-Methylphenol	4,000.000	J	810	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4-Nitroaniline	3,900.000	J	730	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	4-Nitrophenol	4,500.000	J	1000	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Acenaphthene	4,600.000	J	780	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Acenaphthylene	4,700.000	J	750	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Acetophenone	4,400.000	J	920	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Anthracene	4,400.000	J	650	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Atrazine	5,100.000	J	1900	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Benzaldehyde	5,000.000	J	1300	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Benzo(a)anthracene	4,500.000	J	520	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Benzo(a)pyrene	4,300.000	J	1000	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Benzo(b)fluoranthene	4,400.000	J	1000	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Benzo(g,h,i)perylene	4,500.000	J	880	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Benzo(k)fluoranthene	4,600.000	J	730	4800	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP051624

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Bis(2-Chloroethoxy)methane	4,000.000	J	1200	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Bis(2-Chloroethyl)ether	4,200.000	J	1000	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Bis(2-ethylhexyl)phthalate	4,200.000	J	2500	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Butylbenzylphthalate	4,100.000	J	2300	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Caprolactam	4,300.000	J	2700	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Carbazole	4,100.000	J	580	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Chrysene	4,600.000	J	740	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Di-n-butylphthalate	4,600.000	J	1400	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Di-n-octyl phthalate	3,900.000	J	2600	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Dibenzo(a,h)anthracene	4,400.000	J	730	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Dibenzofuran	4,700.000	J	690	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Diethylphthalate	4,800.000		780	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Dimethylphthalate	4,700.000	J	700	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Fluoranthene	4,200.000	J	1300	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Fluorene	4,800.000		680	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Hexachlorobenzene	4,800.000		770	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Hexachlorobutadiene	4,600.000	J	1300	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Hexachlorocyclopentadiene	5,200.000	J	2600	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Hexachloroethane	4,600.000	J	460	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Indeno(1,2,3-cd)pyrene	4,400.000	J	870	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Isophorone	4,200.000	J	1000	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	N-Nitroso-di-n-propylamine	4,200.000	J	1600	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	N-Nitrosodiphenylamine	4,500.000	J	700	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Naphthalene	4,600.000	J	670	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Nitrobenzene	4,200.000	J	900	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Pentachlorobenzene	4,900.000		1500	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Pentachlorophenol	4,300.000	J	1700	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Phenanthrene	4,600.000	J	800	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Phenol	3,900.000	J	1100	9500	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Pyrene	4,300.000	J	1000	4800	ug/Kg
P2409-05	MDL-MED-SOIL-QT2-2	Solid	Pyridine	3,800.000	J	1600	9500	ug/Kg
Total Svoc :				309,100.00				
Total Concentration:				309,100.00				

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.: BP051624 SAS No.: BP051624 SDG NO.: BP051624

EPA Sample No.: SSTD020632 Date Analyzed: May 16 2024 12:00AM

Lab File ID: BP020134.D Time Analyzed: 10:37

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 SBLK893	63751	7.59	260821	10.36	178976	14.27
02 MDL-WATER-QT2-2024-03	77465	7.58	328046	10.35	237061	14.26
03 MDL-SOIL-QT2-2024-03	74188	7.58	312907	10.35	228318	14.26
04 MDL-MED-SOIL-QT2-2024-03	78761	7.59	339277	10.36	260807	14.26
05 SBLK896	74246	7.57	306335	10.35	220860	14.27
06 SBLK897	69435	7.59	279428	10.36	196843	14.27

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.: BP051624 SAS No.: BP051624 SDG NO.: BP051624

EPA Sample No.: SSTD020654 Date Analyzed: May 16 2024 12:00AM

Lab File ID: BP020406.D Time Analyzed: 10:37

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	76360	7.587	319023	10.35	231484	14.28
UPPER LIMIT	152720	8.087	638046	10.851	462968	14.775
LOWER LIMIT	38180	7.087	159511.5	9.851	115742	13.775
EPA SAMPLE NO.						
01 SBLK893	63751	7.59	260821	10.36	178976	14.27
02 MDL-WATER-QT2-2024-03	77465	7.58	328046	10.35	237061	14.26
03 MDL-SOIL-QT2-2024-03	74188	7.58	312907	10.35	228318	14.26
04 MDL-MED-SOIL-QT2-2024-03	78761	7.59	339277	10.36	260807	14.26
05 SBLK896	74246	7.57	306335	10.35	220860	14.27
06 SBLK897	69435	7.59	279428	10.36	196843	14.27

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.: BP051624 SAS No.: BP051624 SDG NO.: BP051624

EPA Sample No.: SSTD020632 Date Analyzed: May 16 2024 12:00AM

Lab File ID: BP020134.D Time Analyzed: 10:37

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 SBLK893	400707	17.12	450196	21.62	523121	24.96
02 MDL-WATER-QT2-2024-03	575421	17.10	591268	21.62	639752	24.98
03 MDL-SOIL-QT2-2024-03	563079	17.10	615506	21.60	650307	24.97
04 MDL-MED-SOIL-QT2-2024-03	598511	17.10	597397	21.60	643612	24.95
05 SBLK896	536367	17.12	578386	21.62	628043	24.98
06 SBLK897	483748	17.12	507341	21.61	558243	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.: BP051624 SAS No.: BP051624 SDG NO.: BP051624

EPA Sample No.: SSTD020654 Date Analyzed: May 16 2024 12:00AM

Lab File ID: BP020406.D Time Analyzed: 10:37

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	537150	17.122	552753	21.627	620594	24.986
UPPER LIMIT	1074300	17.622	1105506	22.127	1241188	25.486
LOWER LIMIT	268575	16.622	276376.5	21.127	310297	24.486
EPA SAMPLE NO.						
01 SBLK893	400707	17.12	450196	21.62	523121	24.96
02 MDL-WATER-QT2-2024-03	575421	17.10	591268	21.62	639752	24.98
03 MDL-SOIL-QT2-2024-03	563079	17.10	615506	21.60	650307	24.97
04 MDL-MED-SOIL-QT2-2024-03	598511	17.10	597397	21.60	643612	24.95
05 SBLK896	536367	17.12	578386	21.62	628043	24.98
06 SBLK897	483748	17.12	507341	21.61	558243	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.

SBLK893

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP051624

SAS No.: BP051624 SDG NO.: BP051624

Lab File ID: BP020407.D

Lab Sample ID: PB160893BL

Instrument ID: BNA_P

Date Extracted: 05/13/2024

Matrix: (soil/water) Water

Date Analyzed: 05/16/2024

Level: (low/med) LOW

Time Analyzed: 10:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-WATER-QT2-2024-03	P2409-01	BP020408.D	05/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK896

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP051624

SAS No.: BP051624 SDG NO.: BP051624

Lab File ID: BP020411.D

Lab Sample ID: PB160896BL

Instrument ID: BNA_P

Date Extracted: 05/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/16/2024

Level: (low/med) LOW

Time Analyzed: 14:57

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
MDL-SOIL-QT2-2024-03	P2409-03	BP020409.D	05/16/2024

COMMENTS: _____

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK897

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP051624

SAS No.: BP051624 SDG NO.: BP051624

Lab File ID: BP020412.D

Lab Sample ID: PB160897BL

Instrument ID: BNA_P

Date Extracted: 05/13/2024

Matrix: (soil/water) Solid

Date Analyzed: 05/16/2024

Level: (low/med) MED

Time Analyzed: 15:40

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-QT2-2024-03	P2409-05	BP020410.D	05/16/2024

COMMENTS: _____

Surrogate Summary

SW-846

SDG No.: BP051624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2409-01	MDL-WATER-QT2BP020408.D		1,4-Dioxane-d8	8	4.34	54		15	120
			Pyridine-d5	40	17.36	43		20	120
			Phenol-d5	40	20.48	51		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.61	52		25	120
			2-Chlorophenol-d4	40	22.90	57		20	130
			4-Methylphenol-d8	40	19.99	50		25	125
			Nitrobenzene-d5	40	21.51	54		20	125
			2-Nitrophenol-d4	40	21.17	53		20	130
			2,4-Dichlorophenol-d3	40	20.18	50		20	120
			4-Chloroaniline-d4	40	19.26	48		1	146
			Dimethylphthalate-d6	40	22.95	57		25	130
			Acenaphthylene-d8	40	22.87	57		10	130
			4-Nitrophenol-d4	40	21.61	54		10	150
			Fluorene-d10	40	24.07	60		25	125
			4,6-Dinitro-2-methylphenol-d2	40	16.87	42		10	130
			Anthracene-d10	40	21.17	53		25	130
			Pyrene-d10	40	20.79	52		15	130
			Benzo(a)pyrene-d12	40	23.05	58		20	130
PB160893BL	PB160893BL	BP020407.D	Pyridine-d5	40	21.78	54		20	120
			1,4-Dioxane-d8	8	5.29	66		15	120
			Phenol-d5	40	24.51	61		10	130
			Bis(2-Chloroethyl)ether-d8	40	24.81	62		25	120
			2-Chlorophenol-d4	40	28.45	71		20	130
			4-Methylphenol-d8	40	24.35	61		25	125
			Nitrobenzene-d5	40	26.27	66		20	125
			2-Nitrophenol-d4	40	25.05	63		20	130
			2,4-Dichlorophenol-d3	40	24.45	61		20	120
			4-Chloroaniline-d4	40	23.65	59		1	146
			Dimethylphthalate-d6	40	27.92	70		25	130
			Acenaphthylene-d8	40	26.85	67		10	130
			4-Nitrophenol-d4	40	19.77	49		10	150
			Fluorene-d10	40	28.58	71		25	125
			4,6-Dinitro-2-methylphenol-d2	40	19.05	48		10	130
			Anthracene-d10	40	29.92	75		25	130
			Pyrene-d10	40	25.53	64		15	130
			Benzo(a)pyrene-d12	40	29.24	73		20	130

Surrogate Summary

SW-846

SDG No.: BP051624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2409-03	MDL-SOIL-QT2-2(BP020409.D		1,4-Dioxane-d8	8	5.19	65		15	120
			Pyridine-d5	40	19.88	50		20	120
			Phenol-d5	40	20.63	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.10	50		10	150
			2-Chlorophenol-d4	40	22.47	56		15	120
			4-Methylphenol-d8	40	19.77	49		10	140
			Nitrobenzene-d5	40	21.87	55		10	135
			2-Nitrophenol-d4	40	21.60	54		10	120
			2,4-Dichlorophenol-d3	40	21.59	54		10	140
			4-Chloroaniline-d4	40	19.90	50		1	145
			Dimethylphthalate-d6	40	23.86	60		10	145
			Acenaphthylene-d8	40	22.75	57		15	120
			4-Nitrophenol-d4	40	23.60	59		10	150
			Fluorene-d10	40	24.68	62		20	140
			4,6-Dinitro-2-methylphenol-d2	40	17.94	45		10	130
			Anthracene-d10	40	21.27	53		10	150
			Pyrene-d10	40	19.75	49		10	130
			Benzo(a)pyrene-d12	40	23.16	58		10	140
PB160896BL	PB160896BL	BP020411.D	1,4-Dioxane-d8	8	5.41	68		15	120
			Pyridine-d5	40	23.03	58		20	120
			Phenol-d5	40	22.00	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	22.74	57		10	150
			2-Chlorophenol-d4	40	25.32	63		15	120
			4-Methylphenol-d8	40	22.72	57		10	140
			Nitrobenzene-d5	40	23.42	59		10	135
			2-Nitrophenol-d4	40	23.36	58		10	120
			2,4-Dichlorophenol-d3	40	22.56	56		10	140
			4-Chloroaniline-d4	40	22.29	56		1	145
			Dimethylphthalate-d6	40	27.20	68		10	145
			Acenaphthylene-d8	40	24.83	62		15	120
			4-Nitrophenol-d4	40	22.11	55		10	150
			Fluorene-d10	40	26.86	67		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.81	50		10	130
			Anthracene-d10	40	27.27	68		10	150
			Pyrene-d10	40	24.17	60		10	130
			Benzo(a)pyrene-d12	40	26.48	66		10	140

Surrogate Summary

SW-846

SDG No.: BP051624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P2409-05	MDL-MED-SOIL-(BP020410.D		Pyridine-d5	40	19.94	50		20	120
			1,4-Dioxane-d8	8	4.58	57		15	120
			Phenol-d5	40	20.65	52		10	130
			Bis(2-Chloroethyl)ether-d8	40	20.29	51		10	150
			2-Chlorophenol-d4	40	22.16	55		15	120
			4-Methylphenol-d8	40	20.45	51		10	140
			Nitrobenzene-d5	40	21.48	54		10	135
			2-Nitrophenol-d4	40	22.24	56		10	120
			2,4-Dichlorophenol-d3	40	21.87	55		10	140
			4-Chloroaniline-d4	40	18.27	46		1	145
			Dimethylphthalate-d6	40	23.08	58		10	145
			Acenaphthylene-d8	40	22.09	55		15	120
			4-Nitrophenol-d4	40	21.89	55		10	150
			Fluorene-d10	40	24.29	61		20	140
			4,6-Dinitro-2-methylphenol-d2	40	18.29	46		10	130
			Anthracene-d10	40	21.83	55		10	150
			Pyrene-d10	40	21.11	53		10	130
			Benzo(a)pyrene-d12	40	23.02	58		10	140
PB160897BL	PB160897BL	BP020412.D	1,4-Dioxane-d8	8	5.89	74		15	120
			Pyridine-d5	40	22.23	56		20	120
			Phenol-d5	40	22.11	55		10	130
			Bis(2-Chloroethyl)ether-d8	40	23.01	58		10	150
			2-Chlorophenol-d4	40	25.85	65		15	120
			4-Methylphenol-d8	40	23.55	59		10	140
			Nitrobenzene-d5	40	24.27	61		10	135
			2-Nitrophenol-d4	40	24.13	60		10	120
			2,4-Dichlorophenol-d3	40	23.44	59		10	140
			4-Chloroaniline-d4	40	22.75	57		1	145
			Dimethylphthalate-d6	40	28.40	71		10	145
			Acenaphthylene-d8	40	26.50	66		15	120
			4-Nitrophenol-d4	40	21.64	54		10	150
			Fluorene-d10	40	28.24	71		20	140
			4,6-Dinitro-2-methylphenol-d2	40	19.71	49		10	130
			Anthracene-d10	40	28.05	70		10	150
			Pyrene-d10	40	25.37	63		10	130
			Benzo(a)pyrene-d12	40	27.85	70		10	140

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP051624

Lab Code: CHEM

SAS No.: BP051624

SDG NO.: BP051624

Lab File ID: BP020405.D

DFTPP Injection Date: 05/16/2024

Instrument ID: BNA_P

DFTPP Injection Time: 09:11

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.4
68	Less than 2.0% of mass 69	0.8 (2) 1
69	Mass 69 relative abundance	37.4
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43.1
197	Less than 2.0% of mass 198	0.0
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.9
275	10.0 - 60.0% of mass 198	29.3
365	Greater than 1% of mass 198	3.6
441	Present, but less than mass 443	12.9
442	Greater than 50% of mass 198	80.9
443	15.0 - 24.0% of mass 442	15.9 (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
SSTD020654	SSTDCCC020	BP020406.D	05/16/2024	09:54
SBLK893	PB160893BL	BP020407.D	05/16/2024	10:37
MDL-WATER-QT2-2024-03	P2409-01	BP020408.D	05/16/2024	12:12
MDL-SOIL-QT2-2024-03	P2409-03	BP020409.D	05/16/2024	12:59
MDL-MED-SOIL-QT2-2024-03	P2409-05	BP020410.D	05/16/2024	13:43
SBLK896	PB160896BL	BP020411.D	05/16/2024	14:57
SBLK897	PB160897BL	BP020412.D	05/16/2024	15:40
SSTD020655	SSTDCCC020EC	BP020413.D	05/16/2024	16:29