

7C

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP062624 SAS No.: BP062624 SDG No.: BP062624

Instrument ID: BNA_P Calibration Date/Time: 6/26/2024 11:13

Lab File ID: BP020645.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020658 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.521	0.513	0.010	-1.5582	40.0
Benzaldehyde	0.830	0.947	0.010	14.1748	40.0
Pyridine	1.406	1.369	0.010	-2.6547	40.0
Phenol	1.673	1.627	0.080	-2.7409	20.0
Bis(2-Chloroethyl) ether	1.385	1.358	0.100	-1.9506	20.0
2-Chlorophenol	1.348	1.321	0.200	-1.9609	20.0
2-Methylphenol	1.283	1.223	0.010	-4.73	20.0
2,2-oxybis(1-Chloropropane)	2.105	2.004	0.010	-4.8008	40.0
Acetophenone	2.128	2.038	0.060	-4.2284	20.0
4-Methylphenol	1.359	1.288	0.010	-5.2012	20.0
N-Nitroso-di-n-propylamine	1.131	1.025	0.050	-9.3463	30.0
Hexachloroethane	0.585	0.594	0.100	1.5614	20.0
Nitrobenzene	0.383	0.387	0.050	1.0881	25.0
Isophorone	0.758	0.710	0.050	-6.3427	25.0
2-Nitrophenol	0.160	0.173	0.050	8.1403	25.0
2,4-Dimethylphenol	0.372	0.366	0.050	-1.6506	25.0
Bis(2-Chloroethoxy) methane	0.451	0.430	0.050	-4.6729	20.0
2,4-Dichlorophenol	0.301	0.302	0.060	0.3627	20.0
Naphthalene	1.070	1.071	0.200	0.0747	20.0
4-Chloroaniline	0.411	0.394	0.010	-4.0297	40.0
Hexachlorobutadiene	0.225	0.230	0.040	1.97	30.0
Caprolactam	0.092	0.082	0.010	-10.4359	40.0
4-Chloro-3-methylphenol	0.333	0.315	0.040	-5.3211	25.0
1-Methylnaphthalene	0.733	0.710	0.100	-3.1055	20.0
2-Methylnaphthalene	0.717	0.691	0.100	-3.5895	20.0
Hexachlorocyclopentadiene	0.398	0.408	0.010	2.5877	40.0
2,4,6-Trichlorophenol	0.381	0.392	0.090	2.8554	25.0
2,4,5-Trichlorophenol	0.396	0.407	0.100	2.8431	25.0
1,1-Biphenyl	1.496	1.488	0.200	-0.5207	20.0
2-Chloronaphthalene	1.178	1.180	0.300	0.1453	20.0
2-Nitroaniline	0.297	0.303	0.050	2.0621	40.0
Dimethylphthalate	1.417	1.377	0.300	-2.7611	20.0
2,6-Dinitrotoluene	0.253	0.263	0.080	4.0066	30.0
Acenaphthylene	1.874	1.816	0.400	-3.0849	20.0
3-Nitroaniline	0.235	0.243	0.010	3.5099	40.0
Acenaphthene	1.243	1.204	0.200	-3.153	20.0
2,4-Dinitrophenol	0.131	0.113	0.010	-13.4917	40.0
4-Nitrophenol	0.190	0.181	0.010	-4.5864	40.0
Dibenzofuran	1.675	1.645	0.300	-1.8137	20.0

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Lab Name: CHEMTECH Contract: _____
Lab Code: CHEM Case No.: BP062624 SAS No.: BP062624 SDG No.: BP062624
Instrument ID: BNA_P Calibration Date/Time: 6/26/2024 11:13
Lab File ID: BP020645.D Init. Calib. Date(s): _____
EPA Sample No.: SSTD020658 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.349	0.355	0.070	1.9103	30.0
Diethylphthalate	1.397	1.321	0.300	-5.4407	20.0
Fluorene	1.346	1.314	0.200	-2.3896	20.0
4-Chlorophenyl-phenylether	0.702	0.681	0.100	-3.0295	20.0
4-Nitroaniline	0.223	0.233	0.010	4.3786	40.0
4,6-Dinitro-2-methylphenol	0.108	0.107	0.010	-1.2189	40.0
N-Nitrosodiphenylamine	0.590	0.592	0.050	0.3622	20.0
1,2,4,5-Tetrachlorobenzene	0.639	0.655	0.100	2.3811	20.0
4-Bromophenyl-phenylether	0.223	0.223	0.070	0.0518	20.0
Hexachlorobenzene	0.250	0.250	0.050	0.1113	25.0
Atrazine	0.208	0.205	0.010	-1.4052	25.0
Pentachlorophenol	0.144	0.143	0.010	-0.2717	40.0
Phenanthrene	1.047	1.044	0.200	-0.2973	20.0
Pentachlorobenzene	0.309	0.319	0.050	3.1763	20.0
Anthracene	1.077	1.067	0.200	-0.9855	20.0
1,2,3,4-Tetrachlorobenzene	0.325	0.345	0.050	6.2622	20.0
Carbazole	0.889	0.909	0.050	2.2185	40.0
Di-n-butylphthalate	1.155	1.148	0.500	-0.5432	25.0
Fluoranthene	1.468	1.319	0.400	-10.1548	25.0
Pyrene	1.505	1.359	0.400	-9.6898	25.0
Butylbenzylphthalate	0.559	0.552	0.100	-1.2271	40.0
3,3-Dichlorobenzidine	0.442	0.465	0.010	5.1557	40.0
Benzo (a) anthracene	1.402	1.350	0.300	-3.6951	30.0
Chrysene	1.325	1.261	0.200	-4.8183	30.0
Bis(2-ethylhexyl)phthalate	0.868	0.856	0.200	-1.3766	40.0
Di-n-octyl phthalate	1.284	1.228	0.010	-4.3414	40.0
Benzo (b) fluoranthene	1.212	1.159	0.200	-4.3514	25.0
Benzo (k) fluoranthene	1.226	1.190	0.200	-2.9168	25.0
Benzo (a) pyrene	1.144	1.131	0.200	-1.0802	20.0
Indeno (1,2,3-cd) pyrene	1.467	1.467	0.200	-0.0112	25.0
Dibenzo (a,h) anthracene	1.206	1.229	0.200	1.9168	30.0
Benzo (g,h,i) perylene	1.198	1.195	0.200	-0.2558	30.0
2,3,4,6-Tetrachlorophenol	0.327	0.330	0.040	0.8704	20.0
1,4-Dioxane-d8	0.466	0.470	0.010	0.9971	25.0
Pyridine-d5	1.357	1.294	0.010	-4.6929	40.0
Phenol-d5	1.640	1.568	0.010	-4.4132	25.0
Bis- (2-Chloroethyl) ether-d8	1.040	1.015	0.050	-2.4091	25.0
2-Chlorophenol-d4	1.341	1.319	0.200	-1.5895	20.0
4-Methylphenol-d8	1.332	1.271	0.010	-4.633	20.0

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Instrument ID: BNA_P Calibration Date/Time: 6/26/2024 11:13

Lab File ID: BP020645.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020658 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.148	0.155	0.050	4.9217	20.0
2-Nitrophenol-d4	0.148	0.158	0.050	6.9625	30.0
2,4-Dichlorophenol-d3	0.304	0.310	0.060	1.9441	20.0
4-Chloroaniline-d4	0.427	0.418	0.010	-2.0411	40.0
Dimethylphthalate-d6	1.391	1.352	0.300	-2.7838	20.0
Acenaphthylene-d8	1.659	1.612	0.400	-2.8593	20.0
4-Nitrophenol-d4	0.212	0.202	0.010	-4.8177	40.0
Fluorene-d10	1.170	1.143	0.100	-2.3151	20.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.096	0.010	-4.4159	40.0
Anthracene-d10	0.898	0.903	0.300	0.561	20.0
Pyrene-d10	1.202	1.107	0.300	-7.8925	25.0
Benzo(a)pyrene-d12	0.973	0.966	0.010	-0.6655	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.: BP062624 SAS No.: BP062624 SDG No.: BP062624

Instrument ID: BNA_P Calibration Date/Time: 6/26/2024 1:17:41

Lab File ID: BP020654.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020659 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.521	0.507	0.010	-2.7948	50.0
Benzaldehyde	0.830	0.996	0.010	20.0717	50.0
Pyridine	1.406	1.380	0.010	-1.8185	50.0
Phenol	1.673	1.678	0.080	0.2893	50.0
Bis(2-Chloroethyl) ether	1.385	1.388	0.100	0.2484	50.0
2-Chlorophenol	1.348	1.366	0.200	1.3677	50.0
2-Methylphenol	1.283	1.319	0.010	2.7723	50.0
2,2-oxybis(1-Chloropropane)	2.105	2.050	0.010	-2.6131	50.0
Acetophenone	2.128	2.179	0.060	2.4178	50.0
4-Methylphenol	1.359	1.400	0.010	3.0243	50.0
N-Nitroso-di-n-propylamine	1.131	1.115	0.050	-1.4334	50.0
Hexachloroethane	0.585	0.584	0.100	-0.1432	50.0
Nitrobenzene	0.383	0.384	0.050	0.3666	50.0
Isophorone	0.758	0.742	0.050	-2.2124	50.0
2-Nitrophenol	0.160	0.182	0.050	14.2823	50.0
2,4-Dimethylphenol	0.372	0.371	0.050	-0.2701	50.0
Bis(2-Chloroethoxy) methane	0.451	0.444	0.050	-1.6915	50.0
2,4-Dichlorophenol	0.301	0.311	0.060	3.1485	50.0
Naphthalene	1.070	1.051	0.200	-1.7781	50.0
4-Chloroaniline	0.411	0.427	0.010	3.9153	50.0
Hexachlorobutadiene	0.225	0.228	0.040	1.1224	50.0
Caprolactam	0.092	0.102	0.010	10.9965	50.0
4-Chloro-3-methylphenol	0.333	0.355	0.040	6.8572	50.0
1-Methylnaphthalene	0.733	0.748	0.100	2.0091	50.0
2-Methylnaphthalene	0.717	0.728	0.100	1.4807	50.0
Hexachlorocyclopentadiene	0.398	0.400	0.010	0.4647	50.0
2,4,6-Trichlorophenol	0.381	0.403	0.090	5.5224	50.0
2,4,5-Trichlorophenol	0.396	0.426	0.100	7.6153	50.0
1,1-Biphenyl	1.496	1.435	0.200	-4.0556	50.0
2-Chloronaphthalene	1.178	1.157	0.300	-1.7979	50.0
2-Nitroaniline	0.297	0.331	0.050	11.5942	50.0
Dimethylphthalate	1.417	1.474	0.300	4.0851	50.0
2,6-Dinitrotoluene	0.253	0.297	0.080	17.6062	50.0
Acenaphthylene	1.874	1.848	0.400	-1.408	50.0
3-Nitroaniline	0.235	0.275	0.010	17.2354	50.0
Acenaphthene	1.243	1.228	0.200	-1.2611	50.0
2,4-Dinitrophenol	0.131	0.144	0.010	10.1717	50.0
4-Nitrophenol	0.190	0.207	0.010	9.0882	50.0
Dibenzofuran	1.675	1.684	0.300	0.5395	50.0

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EPA Sample No.: SSTD020659 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
2,4-Dinitrotoluene	0.349	0.421	0.070	20.8508	50.0
Diethylphthalate	1.397	1.488	0.300	6.5152	50.0
Fluorene	1.346	1.376	0.200	2.192	50.0
4-Chlorophenyl-phenylether	0.702	0.718	0.100	2.259	50.0
4-Nitroaniline	0.223	0.266	0.010	19.5236	50.0
4,6-Dinitro-2-methylphenol	0.108	0.119	0.010	10.5456	50.0
N-Nitrosodiphenylamine	0.590	0.562	0.050	-4.7151	50.0
1,2,4,5-Tetrachlorobenzene	0.639	0.625	0.100	-2.2776	50.0
4-Bromophenyl-phenylether	0.223	0.218	0.070	-2.4494	50.0
Hexachlorobenzene	0.250	0.248	0.050	-0.7497	50.0
Atrazine	0.208	0.220	0.010	5.7271	50.0
Pentachlorophenol	0.144	0.152	0.010	6.0211	50.0
Phenanthrene	1.047	1.032	0.200	-1.4294	50.0
Pentachlorobenzene	0.309	0.290	0.050	-6.3071	50.0
Anthracene	1.077	1.060	0.200	-1.5823	50.0
1,2,3,4-Tetrachlorobenzene	0.325	0.293	0.050	-9.7917	50.0
Carbazole	0.889	0.911	0.050	2.4769	50.0
Di-n-butylphthalate	1.155	1.219	0.500	5.5617	50.0
Fluoranthene	1.468	1.530	0.400	4.2652	50.0
Pyrene	1.505	1.560	0.400	3.6537	50.0
Butylbenzylphthalate	0.559	0.635	0.100	13.6072	50.0
3,3-Dichlorobenzidine	0.442	0.421	0.010	-4.6993	50.0
Benzo (a) anthracene	1.402	1.380	0.300	-1.5309	50.0
Chrysene	1.325	1.276	0.200	-3.7087	50.0
Bis(2-ethylhexyl)phthalate	0.868	0.889	0.200	2.458	50.0
Di-n-octyl phthalate	1.284	1.496	0.010	16.5	50.0
Benzo (b) fluoranthene	1.212	1.233	0.200	1.7934	50.0
Benzo (k) fluoranthene	1.226	1.271	0.200	3.7353	50.0
Benzo (a) pyrene	1.144	1.127	0.200	-1.4479	50.0
Indeno (1,2,3-cd) pyrene	1.467	1.258	0.200	-14.2668	50.0
Dibenzo (a,h) anthracene	1.206	1.044	0.200	-13.4151	50.0
Benzo (g,h,i) perylene	1.198	1.014	0.200	-15.3282	50.0
2,3,4,6-Tetrachlorophenol	0.327	0.370	0.040	13.3631	50.0
1,4-Dioxane-d8	0.466	0.456	0.010	-2.0305	50.0
Pyridine-d5	1.357	1.354	0.010	-0.274	50.0
Phenol-d5	1.640	1.646	0.010	0.3364	50.0
Bis- (2-Chloroethyl) ether-d8	1.040	1.031	0.050	-0.8893	50.0
2-Chlorophenol-d4	1.341	1.354	0.200	1.0266	50.0
4-Methylphenol-d8	1.332	1.389	0.010	4.2316	50.0

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Instrument ID: BNA_P Calibration Date/Time: 6/26/2024 1:17:41

Lab File ID: BP020654.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020659 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Nitrobenzene-d5	0.148	0.156	0.050	5.6379	50.0
2-Nitrophenol-d4	0.148	0.169	0.050	14.1033	50.0
2,4-Dichlorophenol-d3	0.304	0.319	0.060	4.9528	50.0
4-Chloroaniline-d4	0.427	0.444	0.010	4.0126	50.0
Dimethylphthalate-d6	1.391	1.456	0.300	4.6928	50.0
Acenaphthylene-d8	1.659	1.662	0.400	0.1397	50.0
4-Nitrophenol-d4	0.212	0.234	0.010	9.991	50.0
Fluorene-d10	1.170	1.214	0.100	3.7128	50.0
4,6-Dinitro-2-methylphenol-d2	0.101	0.111	0.010	10.0462	50.0
Anthracene-d10	0.898	0.906	0.300	0.9218	50.0
Pyrene-d10	1.202	1.265	0.300	5.3071	50.0
Benzo(a)pyrene-d12	0.973	0.973	0.010	0.0007	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SBLK716	SDG No.:	BP062624
Lab Sample ID:	PB161716BL	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
BP020646.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

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:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SBLK716	SDG No.:	BP062624
Lab Sample ID:	PB161716BL	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
BP020646.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

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:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SBLK716	SDG No.:	BP062624
Lab Sample ID:	PB161716BL	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
BP020646.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

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	5.702		15-120		71	SPK: -8
7291-22-7	Pyridine-d5	25.349		20-120		63	SPK: -40
4165-62-2	Phenol-d5	28.275		10-130		71	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.536		25-120		71	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.856		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	28.303		25-125		71	SPK: -40
4165-60-0	Nitrobenzene-d5	29.89		20-125		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.836		20-130		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	28.119		20-120		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	24.599		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	31.477		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	29.118		10-130		73	SPK: -40
93951-79-2	4-Nitrophenol-d4	27.972		10-150		70	SPK: -40
81103-79-9	Fluorene-d10	31.48		25-125		79	SPK: -40

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SBLK716	SDG No.:	BP062624
Lab Sample ID:	PB161716BL	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
BP020646.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.972		10-130		70	SPK: -40
1719-06-8	Anthracene-d10	30.343		25-130		76	SPK: -40
1718-52-1	Pyrene-d10	31.369		15-130		78	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.446		20-130		79	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	197321	7.752				
1146-65-2	Naphthalene-d8	843607	10.516				
15067-26-2	Acenaphthene-d10	580776	14.369				
1517-22-2	Phenanthrene-d10	1247292	17.181				
1719-03-5	Chrysene-d12	1064962	21.633				
1520-96-3	Perylene-d12	1006659	24.986				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6538			SDG No.:	BP062624		
Lab Sample ID:	SP6538			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000		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
BP020647.D	1		6/26/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	28000		350	500	2000	ug/L
110-86-1	Pyridine	73000		1700	10000	10000	ug/L
100-52-7	Benzaldehyde	100000		1100	5000	10000	ug/L
108-95-2	Phenol	83000		1600	5000	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	76000		1400	5000	10000	ug/L
95-57-8	2-Chlorophenol	82000	E	910	2500	5000	ug/L
95-48-7	2-Methylphenol	81000		1500	5000	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	73000		1900	5000	10000	ug/L
98-86-2	Acetophenone	77000		1500	5000	10000	ug/L
106-44-5	4-Methylphenol	83000		1700	5000	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	74000		1900	2500	5000	ug/L
67-72-1	Hexachloroethane	77000		1100	2500	5000	ug/L
98-95-3	Nitrobenzene	78000		1400	2500	5000	ug/L
78-59-1	Isophorone	76000		1700	2500	5000	ug/L
88-75-5	2-Nitrophenol	88000	E	1200	2500	5000	ug/L
105-67-9	2,4-Dimethylphenol	81000	E	690	2500	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	76000		1500	2500	5000	ug/L
120-83-2	2,4-Dichlorophenol	85000	E	1100	2500	5000	ug/L
91-20-3	Naphthalene	76000		940	2500	5000	ug/L
106-47-8	4-Chloroaniline	68000		940	2500	10000	ug/L
87-68-3	Hexachlorobutadiene	80000		1500	2500	5000	ug/L
105-60-2	Caprolactam	85000		2600	5000	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	85000	E	1600	2500	5000	ug/L
90-12-0	1-Methylnaphthalene	75000		910	2500	5000	ug/L
91-57-6	2-Methylnaphthalene	76000		1100	2500	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	81000		3100	5000	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	86000	E	2000	2500	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	88000	E	1600	2500	5000	ug/L

Report of Analysis

Client:		Date Collected:	
Project:		Date Received:	
Client Sample ID:	SP6538	SDG No.:	BP062624
Lab Sample ID:	SP6538	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 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
BP020647.D	1		6/26/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	76000		1100	2500	5000	ug/L
91-58-7	2-Chloronaphthalene	75000		1100	2500	5000	ug/L
88-74-4	2-Nitroaniline	92000	E	1800	2500	5000	ug/L
131-11-3	Dimethylphthalate	77000		1100	2500	5000	ug/L
606-20-2	2,6-Dinitrotoluene	90000	E	1700	2500	5000	ug/L
208-96-8	Acenaphthylene	74000		1200	2500	5000	ug/L
99-09-2	3-Nitroaniline	89000		1600	5000	10000	ug/L
83-32-9	Acenaphthene	75000		960	2500	5000	ug/L
51-28-5	2,4-Dinitrophenol	100000		1800	5000	10000	ug/L
100-02-7	4-Nitrophenol	84000		1400	5000	10000	ug/L
132-64-9	Dibenzofuran	76000		1100	2500	5000	ug/L
121-14-2	2,4-Dinitrotoluene	91000	E	1500	2500	5000	ug/L
84-66-2	Diethylphthalate	78000		1300	2500	5000	ug/L
86-73-7	Fluorene	74000		940	2500	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	76000		1100	2500	5000	ug/L
100-01-6	4-Nitroaniline	99000		830	5000	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	88000		2400	5000	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	79000		1300	2500	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	79000		1400	2500	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	82000	E	950	2500	5000	ug/L
118-74-1	Hexachlorobenzene	81000	E	1200	2500	5000	ug/L
1912-24-9	Atrazine	83000		1800	5000	10000	ug/L
87-86-5	Pentachlorophenol	90000		1900	5000	10000	ug/L
85-01-8	Phenanthrene	77000		1200	2500	5000	ug/L
608-93-5	Pentachlorobenzene	79000		1700	2500	5000	ug/L
120-12-7	Anthracene	75000		1100	2500	5000	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	81000	E	1700	2500	5000	ug/L
86-74-8	Carbazole	77000		1100	5000	10000	ug/L
84-74-2	Di-n-butylphthalate	75000		1900	2500	5000	ug/L
206-44-0	Fluoranthene	81000	E	1900	5000	5000	ug/L

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6538			SDG No.:	BP062624		
Lab Sample ID:	SP6538			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BP020647.D	1		6/26/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	81000	E	1800	2500	5000	ug/L
85-68-7	Butylbenzylphthalate	88000	E	2700	2500	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	81000		1400	5000	10000	ug/L
56-55-3	Benzo(a)anthracene	78000		1100	2500	5000	ug/L
218-01-9	Chrysene	76000		1100	2500	5000	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	79000		3000	2500	5000	ug/L
117-84-0	Di-n-octyl phthalate	79000		2400	5000	10000	ug/L
205-99-2	Benzo(b)fluoranthene	78000		1400	2500	5000	ug/L
207-08-9	Benzo(k)fluoranthene	76000		1400	2500	5000	ug/L
50-32-8	Benzo(a)pyrene	74000		1100	2500	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	80000	E	1400	2500	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	78000		1300	2500	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	77000		1200	2500	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	87000	E	1500	2500	5000	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	0	U	15-120		0	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0	U	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0	U	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0	U	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0	U	25-125		0	SPK: -40

Report of Analysis

Client:				Date Collected:			
Project:				Date Received:			
Client Sample ID:	SP6538			SDG No.:	BP062624		
Lab Sample ID:	SP6538			Matrix:	Water		
Analytical Method:	SFAM_SVOC			% Moisture:	100		
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1000000	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
BP020647.D	1		6/26/2024 12:00:00 AM	

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0	U	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	196901	7.751				
1146-65-2	Naphthalene-d8	810934	10.516				
15067-26-2	Acenaphthene-d10	512745	14.374				
1517-22-2	Phenanthrene-d10	954180	17.174				
1719-03-5	Chrysene-d12	667140	21.633				
1520-96-3	Perylene-d12	761882	24.974				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1100	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/23/2024 12:00:00 AM
Project:		Date Received:	6/23/2024 12:00:00 AM
Client Sample ID:	E08C7	SDG No.:	BP062624
Lab Sample ID:	P3055-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020648.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

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

Report of Analysis

Client:		Date Collected:	6/23/2024 12:00:00 AM
Project:		Date Received:	6/23/2024 12:00:00 AM
Client Sample ID:	E08C7	SDG No.:	BP062624
Lab Sample ID:	P3055-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020648.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	1.1	U	1.1	2.5	5.1	ug/L
91-58-7	2-Chloronaphthalene	1.1	U	1.1	2.5	5.1	ug/L
88-74-4	2-Nitroaniline	1.8	U	1.8	2.5	5.1	ug/L
131-11-3	Dimethylphthalate	1.1	U	1.1	2.5	5.1	ug/L
606-20-2	2,6-Dinitrotoluene	1.7	U	1.7	2.5	5.1	ug/L
208-96-8	Acenaphthylene	1.2	U	1.2	2.5	5.1	ug/L
99-09-2	3-Nitroaniline	1.6	U	1.6	5.1	10	ug/L
83-32-9	Acenaphthene	0.97	U	0.97	2.5	5.1	ug/L
51-28-5	2,4-Dinitrophenol	1.8	U	1.8	5.1	10	ug/L
100-02-7	4-Nitrophenol	1.4	U	1.4	5.1	10	ug/L
132-64-9	Dibenzofuran	1.1	U	1.1	2.5	5.1	ug/L
121-14-2	2,4-Dinitrotoluene	1.5	U	1.5	2.5	5.1	ug/L
84-66-2	Diethylphthalate	1.3	U	1.3	2.5	5.1	ug/L
86-73-7	Fluorene	0.95	U	0.95	2.5	5.1	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.1	U	1.1	2.5	5.1	ug/L
100-01-6	4-Nitroaniline	0.84	U	0.84	5.1	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.4	U	2.4	5.1	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.3	U	1.3	2.5	5.1	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.4	U	1.4	2.5	5.1	ug/L
101-55-3	4-Bromophenyl-phenylether	0.96	U	0.96	2.5	5.1	ug/L
118-74-1	Hexachlorobenzene	1.2	U	1.2	2.5	5.1	ug/L
1912-24-9	Atrazine	1.8	U	1.8	5.1	10	ug/L
87-86-5	Pentachlorophenol	1.9	U	1.9	5.1	10	ug/L
85-01-8	Phenanthrene	1.2	U	1.2	2.5	5.1	ug/L
608-93-5	Pentachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
120-12-7	Anthracene	1.1	U	1.1	2.5	5.1	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	1.7	U	1.7	2.5	5.1	ug/L
86-74-8	Carbazole	1.1	U	1.1	5.1	10	ug/L
84-74-2	Di-n-butylphthalate	1.9	U	1.9	2.5	5.1	ug/L
206-44-0	Fluoranthene	1.9	U	1.9	5.1	5.1	ug/L

Report of Analysis

Client:		Date Collected:	6/23/2024 12:00:00 AM
Project:		Date Received:	6/23/2024 12:00:00 AM
Client Sample ID:	E08C7	SDG No.:	BP062624
Lab Sample ID:	P3055-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020648.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	1.8	U	1.8	2.5	5.1	ug/L
85-68-7	Butylbenzylphthalate	2.7	U	2.7	2.5	5.1	ug/L
91-94-1	3,3-Dichlorobenzidine	1.4	U	1.4	5.1	10	ug/L
56-55-3	Benzo(a)anthracene	1.1	U	1.1	2.5	5.1	ug/L
218-01-9	Chrysene	1.1	U	1.1	2.5	5.1	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3	U	3	2.5	5.1	ug/L
117-84-0	Di-n-octyl phthalate	2.4	U	2.4	5.1	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
207-08-9	Benzo(k)fluoranthene	1.4	U	1.4	2.5	5.1	ug/L
50-32-8	Benzo(a)pyrene	1.1	U	1.1	2.5	5.1	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.4	U	1.4	2.5	5.1	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.3	U	1.3	2.5	5.1	ug/L
191-24-2	Benzo(g,h,i)perylene	1.2	U	1.2	2.5	5.1	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.5	U	1.5	2.5	5.1	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	2.455		15-120		31	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0.025	*	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.026	*	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0.019	*	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0.048	*	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0.031	*	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0.057	*	25-125		0	SPK: -40

Report of Analysis

Client:		Date Collected:	6/23/2024 12:00:00 AM
Project:		Date Received:	6/23/2024 12:00:00 AM
Client Sample ID:	E08C7	SDG No.:	BP062624
Lab Sample ID:	P3055-01	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020648.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0.068	*	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	184305	7.746				
1146-65-2	Naphthalene-d8	772685	10.516				
15067-26-2	Acenaphthene-d10	529410	14.381				
1517-22-2	Phenanthrene-d10	1071183	17.186				
1719-03-5	Chrysene-d12	785165	21.639				
1520-96-3	Perylene-d12	784016	24.986				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J			3.017	
000095-16-9	Benzothiazole	6.2	J			11.175	
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	2.2	J			13.204	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/23/2024 12:00:00 AM
Project:		Date Received:	6/23/2024 12:00:00 AM
Client Sample ID:	E08C9	SDG No.:	BP062624
Lab Sample ID:	P3055-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :		Decanted :	Level : LOW
Injection Volume :		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020649.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

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:	6/23/2024 12:00:00 AM
Project:		Date Received:	6/23/2024 12:00:00 AM
Client Sample ID:	E08C9	SDG No.:	BP062624
Lab Sample ID:	P3055-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020649.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

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:	6/23/2024 12:00:00 AM
Project:		Date Received:	6/23/2024 12:00:00 AM
Client Sample ID:	E08C9	SDG No.:	BP062624
Lab Sample ID:	P3055-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020649.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

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	2.569		15-120		32	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0.041	*	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0.047	*	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0.036	*	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0.063	*	25-125		0	SPK: -40

Report of Analysis

Client:		Date Collected:	6/23/2024 12:00:00 AM
Project:		Date Received:	6/23/2024 12:00:00 AM
Client Sample ID:	E08C9	SDG No.:	BP062624
Lab Sample ID:	P3055-03	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020649.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0.076	*	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0.045	*	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0.031	*	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	163744	7.746				
1146-65-2	Naphthalene-d8	681807	10.51				
15067-26-2	Acenaphthene-d10	470145	14.369				
1517-22-2	Phenanthrene-d10	1004247	17.186				
1719-03-5	Chrysene-d12	852422	21.633				
1520-96-3	Perylene-d12	773808	24.986				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	140	J			3.011	
000095-16-9	Benzothiazole	7.1	J			11.157	
000080-46-6	Phenol, 4-(1,1-dimethylpropyl)-	2.4	J			13.204	
E966796	Total Alkanes	1.1	U			99	ug/L



Client:				Date Collected:	6/23/2024 12:00:00 AM	
Project:				Date Received:	6/23/2024 12:00:00 AM	
Client Sample ID:	E08D4			SDG No.:	BP062624	
Lab Sample ID:	P3055-05			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
BP020650.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

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:	6/23/2024 12:00:00 AM
Project:		Date Received:	6/23/2024 12:00:00 AM
Client Sample ID:	E08D4	SDG No.:	BP062624
Lab Sample ID:	P3055-05	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
BP020650.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

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:	6/23/2024 12:00:00 AM
Project:		Date Received:	6/23/2024 12:00:00 AM
Client Sample ID:	E08D4	SDG No.:	BP062624
Lab Sample ID:	P3055-05	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
BP020650.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

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	2.691		15-120		34	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0.016	*	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0.025	*	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0.045	*	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0.036	*	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0.062	*	25-125		0	SPK: -40

Report of Analysis

Client:		Date Collected:	6/23/2024 12:00:00 AM
Project:		Date Received:	6/23/2024 12:00:00 AM
Client Sample ID:	E08D4	SDG No.:	BP062624
Lab Sample ID:	P3055-05	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
BP020650.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0.049	*	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	140085	7.746				
1146-65-2	Naphthalene-d8	569213	10.511				
15067-26-2	Acenaphthene-d10	358465	14.381				
1517-22-2	Phenanthrene-d10	709385	17.181				
1719-03-5	Chrysene-d12	537913	21.633				
1520-96-3	Perylene-d12	608076	24.98				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J			3.011	
054446-78-5	Ethanol, 1-(2-butoxyethoxy)-	2.3	J			10.299	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E08D7	SDG No.:	BP062624
Lab Sample ID:	P3055-07	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
BP020651.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

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	1.8	J	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:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E08D7	SDG No.:	BP062624
Lab Sample ID:	P3055-07	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
BP020651.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

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:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E08D7	SDG No.:	BP062624
Lab Sample ID:	P3055-07	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
BP020651.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

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	2.637		15-120		33	SPK: -8
7291-22-7	Pyridine-d5	0.022	U	20-120		0	SPK: -40
4165-62-2	Phenol-d5	0	U	10-130		0	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	0.037	*	25-120		0	SPK: -40
93951-73-6	2-Chlorophenol-d4	0	U	20-130		0	SPK: -40
190780-66-6	4-Methylphenol-d8	0	U	25-125		0	SPK: -40
4165-60-0	Nitrobenzene-d5	0	U	20-125		0	SPK: -40
93951-78-1	2-Nitrophenol-d4	0	U	20-130		0	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	0	U	20-120		0	SPK: -40
191656-33-4	4-Chloroaniline-d4	0	U	1-146		0	SPK: -40
85448-30-2	Dimethylphthalate-d6	0.026	*	25-130		0	SPK: -40
93951-97-4	Acenaphthylene-d8	0.036	*	10-130		0	SPK: -40
93951-79-2	4-Nitrophenol-d4	0	U	10-150		0	SPK: -40
81103-79-9	Fluorene-d10	0.051	*	25-125		0	SPK: -40

Report of Analysis

Client:		Date Collected:	6/24/2024 12:00:00 AM
Project:		Date Received:	6/24/2024 12:00:00 AM
Client Sample ID:	E08D7	SDG No.:	BP062624
Lab Sample ID:	P3055-07	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
BP020651.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	0	U	10-130		0	SPK: -40
1719-06-8	Anthracene-d10	0	U	25-130		0	SPK: -40
1718-52-1	Pyrene-d10	0.047	*	15-130		0	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	0	U	20-130		0	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	121797	7.746				
1146-65-2	Naphthalene-d8	490621	10.51				
15067-26-2	Acenaphthene-d10	319339	14.375				
1517-22-2	Phenanthrene-d10	637141	17.186				
1719-03-5	Chrysene-d12	507901	21.639				
1520-96-3	Perylene-d12	532319	24.998				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	130	J			3.011	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	C0TB2	SDG No.:	BP062624
Lab Sample ID:	P3026-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020652.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

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:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	C0TB2	SDG No.:	BP062624
Lab Sample ID:	P3026-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020652.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

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:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	C0TB2	SDG No.:	BP062624
Lab Sample ID:	P3026-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020652.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

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	5.223		15-120		65	SPK: -8
7291-22-7	Pyridine-d5	5.365	*	20-120		13	SPK: -40
4165-62-2	Phenol-d5	9.708		10-130		24	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.426		25-120		94	SPK: -40
93951-73-6	2-Chlorophenol-d4	34.001		20-130		85	SPK: -40
190780-66-6	4-Methylphenol-d8	23.309		25-125		58	SPK: -40
4165-60-0	Nitrobenzene-d5	41.947		20-125		105	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.713		20-130		109	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	38.852		20-120		97	SPK: -40
191656-33-4	4-Chloroaniline-d4	4.944		1-146		12	SPK: -40
85448-30-2	Dimethylphthalate-d6	45.497		25-130		114	SPK: -40
93951-97-4	Acenaphthylene-d8	42.249		10-130		106	SPK: -40
93951-79-2	4-Nitrophenol-d4	6.873		10-150		17	SPK: -40
81103-79-9	Fluorene-d10	45.014		25-125		113	SPK: -40

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	C0TB2	SDG No.:	BP062624
Lab Sample ID:	P3026-02	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	
Extraction Type :	Decanted :	Level :	LOW
Injection Volume :	GPC Factor :	GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP020652.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	42.086		10-130		105	SPK: -40
1719-06-8	Anthracene-d10	48.415		25-130		121	SPK: -40
1718-52-1	Pyrene-d10	49.726		15-130		124	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	49.169		20-130		123	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	123983	7.74				
1146-65-2	Naphthalene-d8	481881	10.516				
15067-26-2	Acenaphthene-d10	288739	14.381				
1517-22-2	Phenanthrene-d10	527963	17.186				
1719-03-5	Chrysene-d12	407307	21.645				
1520-96-3	Perylene-d12	479638	24.998				
TENTATIVE IDENTIFIED COMPOUNDS							
000994-05-8	Butane, 2-methoxy-2-methyl-	120	J			3.011	
000110-43-0	2-Heptanone	2.6	J			5.622	
	unknown-01	2.3	J			11.775	
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SLCS716	SDG No.:	BP062624
Lab Sample ID:	PB161716BS	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
BP020653.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	12		0.35	0.5	2	ug/L
100-52-7	Benzaldehyde	34		1.1	5	10	ug/L
110-86-1	Pyridine	32		1.7	10	10	ug/L
108-95-2	Phenol	33		1.6	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	32		1.4	5	10	ug/L
95-57-8	2-Chlorophenol	34		0.91	2.5	5	ug/L
95-48-7	2-Methylphenol	32		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	31		1.9	5	10	ug/L
98-86-2	Acetophenone	32		1.5	5	10	ug/L
106-44-5	4-Methylphenol	32		1.7	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	30		1.9	2.5	5	ug/L
67-72-1	Hexachloroethane	34		1.1	2.5	5	ug/L
98-95-3	Nitrobenzene	36		1.4	2.5	5	ug/L
78-59-1	Isophorone	33		1.7	2.5	5	ug/L
88-75-5	2-Nitrophenol	40		1.2	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	30		0.69	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	33		1.5	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	37		1.1	2.5	5	ug/L
91-20-3	Naphthalene	35		0.94	2.5	5	ug/L
106-47-8	4-Chloroaniline	29		0.94	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	37		1.5	2.5	5	ug/L
105-60-2	Caprolactam	34		2.6	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	35		1.6	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	33		0.91	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	34		1.1	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	34		3.1	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	37		2	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	39		1.6	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SLCS716	SDG No.:	BP062624
Lab Sample ID:	PB161716BS	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
BP020653.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-52-4	1,1-Biphenyl	37		1.1	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	37		1.1	2.5	5	ug/L
88-74-4	2-Nitroaniline	41		1.8	2.5	5	ug/L
131-11-3	Dimethylphthalate	37		1.1	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	40		1.7	2.5	5	ug/L
208-96-8	Acenaphthylene	36		1.2	2.5	5	ug/L
99-09-2	3-Nitroaniline	42		1.6	5	10	ug/L
83-32-9	Acenaphthene	36		0.96	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	41		1.8	5	10	ug/L
100-02-7	4-Nitrophenol	42		1.4	5	10	ug/L
132-64-9	Dibenzofuran	37		1.1	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	42		1.5	2.5	5	ug/L
84-66-2	Diethylphthalate	37		1.3	2.5	5	ug/L
86-73-7	Fluorene	37		0.94	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	36		1.1	2.5	5	ug/L
100-01-6	4-Nitroaniline	48		0.83	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	41		2.4	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	37		1.3	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	38		1.4	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	36		0.95	2.5	5	ug/L
118-74-1	Hexachlorobenzene	36		1.2	2.5	5	ug/L
1912-24-9	Atrazine	14		1.8	5	10	ug/L
87-86-5	Pentachlorophenol	34		1.9	5	10	ug/L
85-01-8	Phenanthrene	37		1.2	2.5	5	ug/L
608-93-5	Pentachlorobenzene	36		1.7	2.5	5	ug/L
120-12-7	Anthracene	36		1.1	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	38		1.7	2.5	5	ug/L
86-74-8	Carbazole	40		1.1	5	10	ug/L
84-74-2	Di-n-butylphthalate	38		1.9	2.5	5	ug/L
206-44-0	Fluoranthene	33		1.9	5	5	ug/L

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SLCS716	SDG No.:	BP062624
Lab Sample ID:	PB161716BS	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
BP020653.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
129-00-0	Pyrene	34		1.8	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	38		2.7	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	38		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	37		1.1	2.5	5	ug/L
218-01-9	Chrysene	37		1.1	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	36		3	2.5	5	ug/L
117-84-0	Di-n-octyl phthalate	35		2.4	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	36		1.4	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	36		1.4	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	34		1.1	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	39		1.4	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	38		1.3	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	38		1.2	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	36		1.5	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	8.341		15-120		104	SPK: -8
7291-22-7	Pyridine-d5	31.105		20-120		78	SPK: -40
4165-62-2	Phenol-d5	33.021		10-130		83	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	32.051		25-120		80	SPK: -40
93951-73-6	2-Chlorophenol-d4	33.215		20-130		83	SPK: -40
190780-66-6	4-Methylphenol-d8	31.192		25-125		78	SPK: -40
4165-60-0	Nitrobenzene-d5	37.678		20-125		94	SPK: -40
93951-78-1	2-Nitrophenol-d4	40.163		20-130		100	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.089		20-120		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	29.604		1-146		74	SPK: -40
85448-30-2	Dimethylphthalate-d6	37.354		25-130		93	SPK: -40
93951-97-4	Acenaphthylene-d8	37.371		10-130		93	SPK: -40
93951-79-2	4-Nitrophenol-d4	41.018		10-150		103	SPK: -40
81103-79-9	Fluorene-d10	37.501		25-125		94	SPK: -40

Report of Analysis

Client:		Date Collected:	6/25/2024 12:00:00 AM
Project:		Date Received:	6/25/2024 12:00:00 AM
Client Sample ID:	SLCS716	SDG No.:	BP062624
Lab Sample ID:	PB161716BS	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
BP020653.D	1	6/25/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	40.589		10-130		101	SPK: -40
1719-06-8	Anthracene-d10	37.244		25-130		93	SPK: -40
1718-52-1	Pyrene-d10	34.264		15-130		86	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	38.352		20-130		96	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	141199	7.74				
1146-65-2	Naphthalene-d8	514353	10.516				
15067-26-2	Acenaphthene-d10	290801	14.375				
1517-22-2	Phenanthrene-d10	569410	17.186				
1719-03-5	Chrysene-d12	533820	21.633				
1520-96-3	Perylene-d12	665907	24.992				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.1	U			99	ug/L

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK614	SDG No.:	BP062624
Lab Sample ID:	PB161614BL	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
BP020655.D	1	6/20/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161614

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:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK614	SDG No.:	BP062624
Lab Sample ID:	PB161614BL	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
BP020655.D	1	6/20/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161614

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:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK614	SDG No.:	BP062624
Lab Sample ID:	PB161614BL	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
BP020655.D	1	6/20/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161614

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	5.463		15-120		68	SPK: -8
7291-22-7	Pyridine-d5	26.834		20-120		67	SPK: -40
4165-62-2	Phenol-d5	27.067		10-130		68	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.245		10-150		68	SPK: -40
93951-73-6	2-Chlorophenol-d4	27.242		15-120		68	SPK: -40
190780-66-6	4-Methylphenol-d8	27.136		10-140		68	SPK: -40
4165-60-0	Nitrobenzene-d5	30.029		10-135		75	SPK: -40
93951-78-1	2-Nitrophenol-d4	32.609		10-120		82	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	27.997		10-140		70	SPK: -40
191656-33-4	4-Chloroaniline-d4	28.378		1-145		71	SPK: -40
85448-30-2	Dimethylphthalate-d6	30.927		10-145		77	SPK: -40
93951-97-4	Acenaphthylene-d8	29.569		15-120		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	23.989		10-150		60	SPK: -40
81103-79-9	Fluorene-d10	29.877		20-140		75	SPK: -40

Report of Analysis

Client:		Date Collected:	6/20/2024 12:00:00 AM
Project:		Date Received:	6/20/2024 12:00:00 AM
Client Sample ID:	SBLK614	SDG No.:	BP062624
Lab Sample ID:	PB161614BL	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
BP020655.D	1	6/20/2024 12:00:00 AM	6/26/2024 12:00:00 AM	PB161614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.448		10-130		69	SPK: -40
1719-06-8	Anthracene-d10	30.742		10-150		77	SPK: -40
1718-52-1	Pyrene-d10	32.304		10-130		81	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	31.942		10-140		80	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	192398	7.74				
1146-65-2	Naphthalene-d8	777780	10.51				
15067-26-2	Acenaphthene-d10	481545	14.369				
1517-22-2	Phenanthrene-d10	879429	17.187				
1719-03-5	Chrysene-d12	644185	21.639				
1520-96-3	Perylene-d12	738106	24.986				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	24	U			99	ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP062624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : C0TB2								
P3026-02	C0TB2	Water	2-Heptanone	*	2.600	J		
P3026-02	C0TB2	Water	Butane, 2-methoxy-2-methyl-	*	120.000	J		
P3026-02	C0TB2	Water	unknown-01	*	2.300	J		
P3026-02	C0TB2	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :					124.90			
Total Concentration:					124.90			
Client ID : E08C7								
P3055-01	E08C7	Water	Benzothiazole	*	6.200	J		
P3055-01	E08C7	Water	Butane, 2-methoxy-2-methyl-	*	130.000	J		
P3055-01	E08C7	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	2.200	J		
P3055-01	E08C7	Water	Total Alkanes	*	0.000	1.1	5.1	ug/L
Total Tics :					138.40			
Total Concentration:					138.40			
Client ID : E08C9								
P3055-03	E08C9	Water	Benzothiazole	*	7.100	J		
P3055-03	E08C9	Water	Butane, 2-methoxy-2-methyl-	*	140.000	J		
P3055-03	E08C9	Water	Phenol, 4-(1,1-dimethylpropyl)-	*	2.400	J		
P3055-03	E08C9	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :					149.50			
Total Concentration:					149.50			
Client ID : E08D4								
P3055-05	E08D4	Water	Butane, 2-methoxy-2-methyl-	*	120.000	J		
P3055-05	E08D4	Water	Ethanol, 1-(2-butoxyethoxy)-	*	2.300	J		
P3055-05	E08D4	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :					122.30			
Total Concentration:					122.30			
Client ID : E08D7								
P3055-07	E08D7	Water	Butane, 2-methoxy-2-methyl-	*	130.000	J		
P3055-07	E08D7	Water	Total Alkanes	*	0.000	1.1	5	ug/L
Total Tics :					130.00			
P3055-07	E08D7	Water	Benzaldehyde		1.800	J 1.1	10	ug/L
Total Svoc :					1.80			
Total Concentration:					131.80			
Client ID : SP6538								
SP6538	SP6538	Water	Total Alkanes	*	0.000	1100	5000	ug/L
Total Tics :					0.00			

Hit Summary Sheet SW-846

SDG No.: BP062624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SP6538	SP6538	Water	1,1-Biphenyl	76,000.000		1100	5000	ug/L
SP6538	SP6538	Water	1,2,3,4-Tetrachlorobenzene	81,000.000	E	1700	5000	ug/L
SP6538	SP6538	Water	1,2,4,5-Tetrachlorobenzene	79,000.000		1400	5000	ug/L
SP6538	SP6538	Water	1,4-Dioxane	28,000.000		350	2000	ug/L
SP6538	SP6538	Water	1-Methylnaphthalene	75,000.000		910	5000	ug/L
SP6538	SP6538	Water	2,2-oxybis(1-Chloropropane)	73,000.000		1900	10000	ug/L
SP6538	SP6538	Water	2,3,4,6-Tetrachlorophenol	87,000.000	E	1500	5000	ug/L
SP6538	SP6538	Water	2,4,5-Trichlorophenol	88,000.000	E	1600	5000	ug/L
SP6538	SP6538	Water	2,4,6-Trichlorophenol	86,000.000	E	2000	5000	ug/L
SP6538	SP6538	Water	2,4-Dichlorophenol	85,000.000	E	1100	5000	ug/L
SP6538	SP6538	Water	2,4-Dimethylphenol	81,000.000	E	690	5000	ug/L
SP6538	SP6538	Water	2,4-Dinitrophenol	100,000.000		1800	10000	ug/L
SP6538	SP6538	Water	2,4-Dinitrotoluene	91,000.000	E	1500	5000	ug/L
SP6538	SP6538	Water	2,6-Dinitrotoluene	90,000.000	E	1700	5000	ug/L
SP6538	SP6538	Water	2-Chloronaphthalene	75,000.000		1100	5000	ug/L
SP6538	SP6538	Water	2-Chlorophenol	82,000.000	E	910	5000	ug/L
SP6538	SP6538	Water	2-Methylnaphthalene	76,000.000		1100	5000	ug/L
SP6538	SP6538	Water	2-Methylphenol	81,000.000		1500	10000	ug/L
SP6538	SP6538	Water	2-Nitroaniline	92,000.000	E	1800	5000	ug/L
SP6538	SP6538	Water	2-Nitrophenol	88,000.000	E	1200	5000	ug/L
SP6538	SP6538	Water	3,3-Dichlorobenzidine	81,000.000		1400	10000	ug/L
SP6538	SP6538	Water	3-Nitroaniline	89,000.000		1600	10000	ug/L
SP6538	SP6538	Water	4,6-Dinitro-2-methylphenol	88,000.000		2400	10000	ug/L
SP6538	SP6538	Water	4-Bromophenyl-phenylether	82,000.000	E	950	5000	ug/L
SP6538	SP6538	Water	4-Chloro-3-methylphenol	85,000.000	E	1600	5000	ug/L
SP6538	SP6538	Water	4-Chloroaniline	68,000.000		940	10000	ug/L
SP6538	SP6538	Water	4-Chlorophenyl-phenylether	76,000.000		1100	5000	ug/L
SP6538	SP6538	Water	4-Methylphenol	83,000.000		1700	10000	ug/L
SP6538	SP6538	Water	4-Nitroaniline	99,000.000		830	10000	ug/L
SP6538	SP6538	Water	4-Nitrophenol	84,000.000		1400	10000	ug/L
SP6538	SP6538	Water	Acenaphthene	75,000.000		960	5000	ug/L
SP6538	SP6538	Water	Acenaphthylene	74,000.000		1200	5000	ug/L
SP6538	SP6538	Water	Acetophenone	77,000.000		1500	10000	ug/L
SP6538	SP6538	Water	Anthracene	75,000.000		1100	5000	ug/L
SP6538	SP6538	Water	Atrazine	83,000.000		1800	10000	ug/L
SP6538	SP6538	Water	Benzaldehyde	100,000.000		1100	10000	ug/L
SP6538	SP6538	Water	Benzo(a)anthracene	78,000.000		1100	5000	ug/L
SP6538	SP6538	Water	Benzo(a)pyrene	74,000.000		1100	5000	ug/L
SP6538	SP6538	Water	Benzo(b)fluoranthene	78,000.000		1400	5000	ug/L
SP6538	SP6538	Water	Benzo(g,h,i)perylene	77,000.000		1200	5000	ug/L

Hit Summary Sheet SW-846

SDG No.: BP062624

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
SP6538	SP6538	Water	Benzo(k)fluoranthene	76,000.000		1400	5000	ug/L
SP6538	SP6538	Water	Bis(2-Chloroethoxy)methane	76,000.000		1500	5000	ug/L
SP6538	SP6538	Water	Bis(2-Chloroethyl)ether	76,000.000		1400	10000	ug/L
SP6538	SP6538	Water	Bis(2-ethylhexyl)phthalate	79,000.000		3000	5000	ug/L
SP6538	SP6538	Water	Butylbenzylphthalate	88,000.000	E	2700	5000	ug/L
SP6538	SP6538	Water	Caprolactam	85,000.000		2600	10000	ug/L
SP6538	SP6538	Water	Carbazole	77,000.000		1100	10000	ug/L
SP6538	SP6538	Water	Chrysene	76,000.000		1100	5000	ug/L
SP6538	SP6538	Water	Di-n-butylphthalate	75,000.000		1900	5000	ug/L
SP6538	SP6538	Water	Di-n-octyl phthalate	79,000.000		2400	10000	ug/L
SP6538	SP6538	Water	Dibenzo(a,h)anthracene	78,000.000		1300	5000	ug/L
SP6538	SP6538	Water	Dibenzofuran	76,000.000		1100	5000	ug/L
SP6538	SP6538	Water	Diethylphthalate	78,000.000		1300	5000	ug/L
SP6538	SP6538	Water	Dimethylphthalate	77,000.000		1100	5000	ug/L
SP6538	SP6538	Water	Fluoranthene	81,000.000	E	1900	5000	ug/L
SP6538	SP6538	Water	Fluorene	74,000.000		940	5000	ug/L
SP6538	SP6538	Water	Hexachlorobenzene	81,000.000	E	1200	5000	ug/L
SP6538	SP6538	Water	Hexachlorobutadiene	80,000.000		1500	5000	ug/L
SP6538	SP6538	Water	Hexachlorocyclopentadiene	81,000.000		3100	10000	ug/L
SP6538	SP6538	Water	Hexachloroethane	77,000.000		1100	5000	ug/L
SP6538	SP6538	Water	Indeno(1,2,3-cd)pyrene	80,000.000	E	1400	5000	ug/L
SP6538	SP6538	Water	Isophorone	76,000.000		1700	5000	ug/L
SP6538	SP6538	Water	N-Nitroso-di-n-propylamine	74,000.000		1900	5000	ug/L
SP6538	SP6538	Water	N-Nitrosodiphenylamine	79,000.000		1300	5000	ug/L
SP6538	SP6538	Water	Naphthalene	76,000.000		940	5000	ug/L
SP6538	SP6538	Water	Nitrobenzene	78,000.000		1400	5000	ug/L
SP6538	SP6538	Water	Pentachlorobenzene	79,000.000		1700	5000	ug/L
SP6538	SP6538	Water	Pentachlorophenol	90,000.000		1900	10000	ug/L
SP6538	SP6538	Water	Phenanthrene	77,000.000		1200	5000	ug/L
SP6538	SP6538	Water	Phenol	83,000.000		1600	10000	ug/L
SP6538	SP6538	Water	Pyrene	81,000.000	E	1800	5000	ug/L
SP6538	SP6538	Water	Pyridine	73,000.000		1700	10000	ug/L
Total Svoc :				5,756,000.00				
Total Concentration:				5,756,000.00				

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP062524 SAS No.: BP062524 SDG No.: BP062524

Instrument ID: _____ Calibration Date(s): 6/25/2024 : _____

Calibration Time(s): 14:05 _____

LAB FILE ID:		RRFAL1 = BP020637.D		RRFAL2 = BP020638.D		RRFAL3 = BP020639.D		
		RRFAL4 = BP020640.D		RRFAL5 = BP020641.D		RRFAL6 = BP020642.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.558	0.521	0.529	0.517	0.481		0.521	5.3
Benzaldehyde		0.921	0.982	1.000	0.721	0.523	0.830	24.6
Pyridine		1.435	1.409	1.448	1.363	1.375	1.406	2.6
Hexachloroethane	0.577	0.587	0.584	0.605	0.572		0.585	2.2
Nitrobenzene	0.360	0.375	0.384	0.408	0.387		0.383	4.6
Isophorone	0.760	0.770	0.754	0.766	0.742		0.758	1.5
2-Nitrophenol	0.134	0.144	0.159	0.180	0.180		0.160	13.0
2,4-Dimethylphenol	0.360	0.370	0.370	0.387	0.370		0.372	2.7
Bis(2-Chloroethoxy)methane	0.461	0.450	0.447	0.463	0.435		0.451	2.5
2,4-Dichlorophenol	0.289	0.292	0.302	0.321	0.303		0.301	4.1
Naphthalene	1.116	1.080	1.063	1.088	1.006		1.070	3.8
4-Chloroaniline		0.420	0.411	0.426	0.415	0.382	0.411	4.1
Hexachlorobutadiene	0.228	0.222	0.224	0.232	0.220		0.225	2.1
Phenol		1.650	1.650	1.769	1.700	1.595	1.673	3.9
Caprolactam		0.088	0.090	0.090	0.101	0.089	0.092	6.0
4-Chloro-3-methylphenol	0.311	0.331	0.330	0.341	0.350		0.333	4.3
1-Methylnaphthalene	0.741	0.743	0.742	0.744	0.694		0.733	2.9
2-Methylnaphthalene	0.720	0.734	0.711	0.728	0.693		0.717	2.2
Hexachlorocyclopentadiene		0.326	0.362	0.426	0.412	0.464	0.398	13.6
2,4,6-Trichlorophenol	0.352	0.372	0.383	0.408	0.391		0.381	5.5
2,4,5-Trichlorophenol	0.352	0.386	0.395	0.425	0.419		0.396	7.3
1,1-Biphenyl	1.529	1.543	1.498	1.549	1.360		1.496	5.3
2-Chloronaphthalene	1.187	1.203	1.181	1.220	1.100		1.178	3.9
2-Nitroaniline	0.241	0.270	0.301	0.329	0.342		0.297	14.0
Bis(2-Chloroethyl)ether		1.417	1.389	1.443	1.364	1.312	1.385	3.6
Dimethylphthalate	1.435	1.452	1.415	1.390	1.390		1.417	1.9
2,6-Dinitrotoluene	0.200	0.238	0.257	0.273	0.295		0.253	14.2
Acenaphthylene	1.893	1.947	1.901	1.896	1.734		1.874	4.3
3-Nitroaniline		0.219	0.237	0.248	0.245	0.225	0.235	5.4
Acenaphthene	1.285	1.293	1.239	1.248	1.151		1.243	4.5
2,4-Dinitrophenol		0.100	0.110	0.121	0.157	0.167	0.131	22.6
4-Nitrophenol		0.171	0.181	0.185	0.209	0.204	0.190	8.4
Dibenzofuran	1.737	1.744	1.670	1.664	1.561		1.675	4.4
2,4-Dinitrotoluene	0.278	0.338	0.359	0.364	0.404		0.349	13.2
Diethylphthalate	1.387	1.438	1.413	1.351	1.397		1.397	2.3
2-Chlorophenol	1.313	1.350	1.333	1.407	1.335		1.348	2.7

All other compounds must meet a minimum RRF of 0.010.

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP062524 SAS No.: BP062524 SDG No.: BP062524

Instrument ID: _____ Calibration Date(s): 6/25/2024 : _____

Calibration Time(s): 14:05 _____

LAB FILE ID:	RRFAL1 = BP020637.D			RRFAL2 = BP020638.D		RRFAL3 = BP020639.D		
	RRFAL4 = BP020640.D			RRFAL5 = BP020641.D		RRFAL6 = BP020642.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.420	1.433	1.341	1.313	1.224		1.346	6.3
4-Chlorophenyl-phenylether	0.731	0.740	0.701	0.688	0.652		0.702	5.0
4-Nitroaniline		0.214	0.228	0.237	0.229	0.206	0.223	5.6
4,6-Dinitro-2-methylphenol		0.086	0.096	0.111	0.119	0.128	0.108	15.7
N-Nitrosodiphenylamine	0.602	0.587	0.597	0.621	0.543		0.590	4.9
1,2,4,5-Tetrachlorobenzene	0.636	0.637	0.637	0.679	0.608		0.639	4.0
4-Bromophenyl-phenylether	0.220	0.219	0.220	0.235	0.221		0.223	2.9
Hexachlorobenzene	0.248	0.247	0.248	0.260	0.245		0.250	2.3
Atrazine		0.203	0.202	0.214	0.210	0.211	0.208	2.6
Pentachlorophenol		0.123	0.133	0.148	0.152	0.162	0.144	10.7
2-Methylphenol		1.283	1.271	1.355	1.300	1.209	1.283	4.1
Phenanthrene	1.094	1.087	1.053	1.053	0.951		1.047	5.5
Pentachlorobenzene	0.310	0.299	0.309	0.339	0.291		0.309	5.8
Anthracene	1.127	1.113	1.066	1.096	0.985		1.077	5.3
1,2,3,4-Tetrachlorobenzene	0.319	0.309	0.328	0.369	0.299		0.325	8.2
Carbazole		0.932	0.906	0.898	0.842	0.868	0.889	3.9
Di-n-butylphthalate	1.153	1.166	1.151	1.170	1.133		1.155	1.2
Fluoranthene	1.420	1.422	1.376	1.443	1.676		1.468	8.1
Pyrene	1.484	1.466	1.434	1.491	1.651		1.505	5.6
Butylbenzylphthalate	0.487	0.519	0.539	0.596	0.654		0.559	11.8
3,3-Dichlorobenzidine		0.440	0.444	0.474	0.420	0.432	0.442	4.5
2,2-oxybis(1-Chloropropane)		2.198	2.142	2.218	2.051	1.914	2.105	5.9
Benzo(a)anthracene	1.485	1.428	1.361	1.384	1.352		1.402	3.9
Chrysene	1.436	1.337	1.295	1.312	1.245		1.325	5.3
Bis(2-ethylhexyl)phthalate	0.854	0.826	0.857	0.892	0.910		0.868	3.8
Di-n-octyl phthalate		1.234	1.270	1.301	1.409	1.206	1.284	6.1
Benzo(b)fluoranthene	1.248	1.242	1.194	1.197	1.178		1.212	2.6
Benzo(k)fluoranthene	1.317	1.227	1.171	1.214	1.200		1.226	4.5
Benzo(a)pyrene	1.173	1.140	1.126	1.162	1.118		1.144	2.1
Indeno(1,2,3-cd)pyrene	1.496	1.456	1.406	1.521	1.456		1.467	3.0
Dibenzo(a,h)anthracene	1.210	1.194	1.174	1.264	1.186		1.206	2.9
Benzo(g,h,i)perylene	1.229	1.187	1.147	1.233	1.193		1.198	2.9
Acetophenone		2.238	2.174	2.246	2.091	1.889	2.128	6.9
2,3,4,6-Tetrachlorophenol	0.298	0.330	0.324	0.333	0.349		0.327	5.7
1,4-Dioxane-d8	0.487	0.471	0.467	0.466	0.438		0.466	3.8
Pyridine-d5		1.378	1.337	1.413	1.324	1.334	1.357	2.8

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.: BP062524 SAS No.: BP062524 SDG No.: BP062524
Instrument ID: _____ Calibration Date(s): 6/25/2024 : _____
Calibration Time(s): 14:05 : _____

LAB FILE ID:		RRFAL1 = BP020637.D			RRFAL2 = BP020638.D		RRFAL3 = BP020639.D	
		RRFAL4 = BP020640.D			RRFAL5 = BP020641.D		RRFAL6 = BP020642.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.593	1.615	1.725	1.674	1.595	1.640	3.5
Bis-(2-Chloroethyl)ether-d8		1.057	1.057	1.088	1.024	0.974	1.040	4.2
2-Chlorophenol-d4	1.283	1.323	1.337	1.409	1.352		1.341	3.4
4-Methylphenol-d8		1.325	1.324	1.406	1.365	1.241	1.332	4.6
Nitrobenzene-d5	0.128	0.140	0.151	0.162	0.158		0.148	9.3
2-Nitrophenol-d4	0.123	0.132	0.148	0.166	0.170		0.148	13.8
2,4-Dichlorophenol-d3	0.286	0.287	0.307	0.326	0.315		0.304	5.7
4-Chloroaniline-d4		0.425	0.429	0.442	0.434	0.404	0.427	3.4
4-Methylphenol		1.359	1.357	1.428	1.383	1.266	1.359	4.4
Dimethylphthalate-d6	1.351	1.423	1.416	1.394	1.368		1.391	2.2
Acenaphthylene-d8	1.636	1.691	1.668	1.711	1.591		1.659	2.9
4-Nitrophenol-d4		0.180	0.206	0.208	0.235	0.233	0.212	10.7
Fluorene-d10	1.168	1.216	1.186	1.162	1.118		1.170	3.0
4,6-Dinitro-2-methylphenol		0.079	0.089	0.102	0.112	0.122	0.101	17.2
Anthracene-d10	0.902	0.912	0.908	0.917	0.848		0.898	3.1
Pyrene-d10	1.111	1.173	1.146	1.205	1.373		1.202	8.5
Benzo(a)pyrene-d12	0.963	0.964	0.968	1.005	0.965		0.973	1.8
N-Nitroso-di-n-propylamine	1.127	1.162	1.123	1.161	1.082		1.131	2.9

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.: BP062624 SAS No.: BP062624 SDG NO.: BP062624

EPA Sample No.: SSTD020639 Date Analyzed: Jun 26 2024 12:00AM

Lab File ID: BP020639.D Time Analyzed: 11:55

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	164085	7.752	684225	10.52	426295	14.37
UPPER LIMIT	328170	8.252	1368450	11.022	852590	14.869
LOWER LIMIT	82042.5	7.252	342112.5	10.022	213147.5	13.869
EPA SAMPLE NO.						
01 SBLK716	197321	7.75	843607	10.52	580776	14.37
02 SP6538	196901	7.75	810934	10.52	512745	14.37
03 E08C7	184305	7.75	772685	10.52	529410	14.38
04 E08C9	163744	7.75	681807	10.51	470145	14.37
05 E08D4	140085	7.75	569213	10.51	358465	14.38
06 E08D7	121797	7.75	490621	10.51	319339	14.38
07 C0TB2	123983	7.74	481881	10.52	288739	14.38
08 SLCS716	141199	7.74	514353	10.52	290801	14.38
09 SBLK614	192398	7.74	777780	10.51	481545	14.37

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP062624 SAS No.: BP062624 SDG NO.: BP062624

EPA Sample No.: SSTD020658 Date Analyzed: Jun 26 2024 12:00AM

Lab File ID: BP020645.D Time Analyzed: 11:55

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	190430	7.74	757063	10.52	453541	14.38
UPPER LIMIT	380860	8.24	1514126	11.016	907082	14.875
LOWER LIMIT	95215	7.24	378531.5	10.016	226770.5	13.875
EPA SAMPLE NO.						
01 SBLK716	197321	7.75	843607	10.52	580776	14.37
02 SP6538	196901	7.75	810934	10.52	512745	14.37
03 E08C7	184305	7.75	772685	10.52	529410	14.38
04 E08C9	163744	7.75	681807	10.51	470145	14.37
05 E08D4	140085	7.75	569213	10.51	358465	14.38
06 E08D7	121797	7.75	490621	10.51	319339	14.38
07 C0TB2	123983	7.74	481881	10.52	288739	14.38
08 SLCS716	141199	7.74	514353	10.52	290801	14.38

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.



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

8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP062624 SAS No.: BP062624 SDG NO.: BP062624

EPA Sample No.: SSTD020659 Date Analyzed: Jun 26 2024 12:00AM

Lab File ID: BP020654.D Time Analyzed: 18:25

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	241379	7.746	1.03303e+01	10.51	687029	14.37
UPPER LIMIT	482758	8.246	2066060	11.01	1374058	14.869
LOWER LIMIT	120689.5	7.246	516515	10.01	343514.5	13.869
EPA SAMPLE NO.						
01 SBLK614	192398	7.74	777780	10.51	481545	14.37

IS1 (DCB) = 1,4-Dichlorobenzene-d4

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP062624 SAS No.: BP062624 SDG NO.: BP062624

EPA Sample No.: SSTD020639 Date Analyzed: Jun 26 2024 12:00AM

Lab File ID: BP020639.D Time Analyzed: 11:55

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	811162	17.186	668166	21.639	756069	24.998
UPPER LIMIT	1622324	17.686	1336332	22.139	1512138	25.498
LOWER LIMIT	405581	16.686	334083	21.139	378034.5	24.498
EPA SAMPLE NO.						
01 SBLK716	1.24729	17.18	1.06496e+	21.63	1.00666e+	24.99
02 SP6538	954180	17.17	667140	21.63	761882	24.97
03 E08C7	1.07118	17.19	785165	21.64	784016	24.99
04 E08C9	1.00425	17.19	852422	21.63	773808	24.99
05 E08D4	709385	17.18	537913	21.63	608076	24.98
06 E08D7	637141	17.19	507901	21.64	532319	25.00
07 C0TB2	527963	17.19	407307	21.65	479638	25.00
08 SLCS716	569410	17.19	533820	21.63	665907	24.99
09 SBLK614	879429	17.19	644185	21.64	738106	24.99

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.: BP062624 SAS No.: BP062624 SDG NO.: BP062624

EPA Sample No.: SSTD020658 Date Analyzed: Jun 26 2024 12:00AM

Lab File ID: BP020645.D Time Analyzed: 11:55

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	834871	17.175	746750	21.627	891701	24.98
UPPER LIMIT	1669742	17.675	1493500	22.127	1783402	25.48
LOWER LIMIT	417435.5	16.675	373375	21.127	445850.5	24.48
EPA SAMPLE NO.						
01 SBLK716	1.24729	17.18	1.06496e+	21.63	1.00666e+	24.99
02 SP6538	954180	17.17	667140	21.63	761882	24.97
03 E08C7	1.07118	17.19	785165	21.64	784016	24.99
04 E08C9	1.00425	17.19	852422	21.63	773808	24.99
05 E08D4	709385	17.18	537913	21.63	608076	24.98
06 E08D7	637141	17.19	507901	21.64	532319	25.00
07 C0TB2	527963	17.19	407307	21.65	479638	25.00
08 SLCS716	569410	17.19	533820	21.63	665907	24.99

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.: BP062624 SAS No.: BP062624 SDG NO.: BP062624

EPA Sample No.: SSTD020659 Date Analyzed: Jun 26 2024 12:00AM

Lab File ID: BP020654.D Time Analyzed: 18:25

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.44442e+01	17.18	1.14314e+	21.645	1.02553e+01	24.998
UPPER LIMIT	2888840	17.68	2286280	22.145	2051060	25.498
LOWER LIMIT	722210	16.68	571570	21.145	512765	24.498
EPA SAMPLE NO.						
01 SBLK614	879429	17.19	644185	21.64	738106	24.99

IS4 (PHN) = Phenanthrene-d10

IS5 (CRY) = Chrysene-d12

IS6 (PRY) = Perylene-d12

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP062624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB161716BS	1,4-Dioxane	16	12	ug/L	75				0	0		
	Benzaldehyde	40	34	ug/L	85				0	0		
	Pyridine	40	32	ug/L	80				0	0		
	Phenol	40	33	ug/L	83				0	0		
	Bis(2-chloroethyl)ether	40	32	ug/L	80				0	0		
	2-Chlorophenol	40	34	ug/L	85				0	0		
	2-Methylphenol	40	32	ug/L	80				0	0		
	2,2-oxybis(1-Chloropropane)	40	31	ug/L	78				0	0		
	Acetophenone	40	32	ug/L	80				0	0		
	4-Methylphenol	40	32	ug/L	80				0	0		
	N-Nitroso-di-n-propylamine	40	30	ug/L	75				0	0		
	Hexachloroethane	40	34	ug/L	85				0	0		
	Nitrobenzene	40	36	ug/L	90				0	0		
	Isophorone	40	33	ug/L	83				0	0		
	2-Nitrophenol	40	40	ug/L	100				0	0		
	2,4-Dimethylphenol	40	30	ug/L	75				0	0		
	Bis(2-chloroethoxy)methane	40	33	ug/L	83				0	0		
	2,4-Dichlorophenol	40	37	ug/L	93				0	0		
	Naphthalene	40	35	ug/L	88				0	0		
	4-Chloroaniline	40	29	ug/L	73				0	0		
	Hexachlorobutadiene	40	37	ug/L	93				0	0		
	Caprolactam	40	34	ug/L	85				0	0		
	4-Chloro-3-methylphenol	40	35	ug/L	88				0	0		
	1-Methylnaphthalene	40	33	ug/L	83				0	0		
	2-Methylnaphthalene	40	34	ug/L	85				0	0		
	Hexachlorocyclopentadiene	40	34	ug/L	85				0	0		
	2,4,6-Trichlorophenol	40	37	ug/L	93				0	0		
	2,4,5-Trichlorophenol	40	39	ug/L	98				0	0		
	1,1'-Biphenyl	40	37	ug/L	93				0	0		
	2-Chloronaphthalene	40	37	ug/L	93				0	0		
	2-Nitroaniline	40	41	ug/L	103				0	0		
	Dimethylphthalate	40	37	ug/L	93				0	0		
	2,6-Dinitrotoluene	40	40	ug/L	100				0	0		
	Acenaphthylene	40	36	ug/L	90				0	0		
	3-Nitroaniline	40	42	ug/L	105				0	0		
	Acenaphthene	40	36	ug/L	90				0	0		
	2,4-Dinitrophenol	40	41	ug/L	103				0	0		
	4-Nitrophenol	40	42	ug/L	105				0	0		
	Dibenzofuran	40	37	ug/L	93				0	0		
	2,4-Dinitrotoluene	40	42	ug/L	105				0	0		
	Diethylphthalate	40	37	ug/L	93				0	0		
	Fluorene	40	37	ug/L	93				0	0		
	4-Chlorophenyl-phenylether	40	36	ug/L	90				0	0		
	4-Nitroaniline	40	48	ug/L	120				0	0		

Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: BP062624

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB161716BS	4,6-Dinitro-2-methylphenol	40	41	ug/L	103				0	0	
	N-Nitrosodiphenylamine	40	37	ug/L	93				0	0	
	1,2,4,5-Tetrachlorobenzene	40	38	ug/L	95				0	0	
	4-Bromophenyl-phenylether	40	36	ug/L	90				0	0	
	Hexachlorobenzene	40	36	ug/L	90				0	0	
	Atrazine	40	14	ug/L	35				0	0	
	Pentachlorophenol	40	34	ug/L	85				0	0	
	Phenanthrene	40	37	ug/L	93				0	0	
	Pentachlorobenzene	40	36	ug/L	90				0	0	
	Anthracene	40	36	ug/L	90				0	0	
	1,2,3,4-Tetrachlorobenzene	40	38	ug/L	95				0	0	
	Carbazole	40	40	ug/L	100				0	0	
	Di-n-butylphthalate	40	38	ug/L	95				0	0	
	Fluoranthene	40	33	ug/L	83				0	0	
	Pyrene	40	34	ug/L	85				0	0	
	Butylbenzylphthalate	40	38	ug/L	95				0	0	
	3,3'-Dichlorobenzidine	40	38	ug/L	95				0	0	
	Benzo(a)anthracene	40	37	ug/L	93				0	0	
	Chrysene	40	37	ug/L	93				0	0	
	Bis(2-ethylhexyl)phthalate	40	36	ug/L	90				0	0	
	Di-n-octylphthalate	40	35	ug/L	88				0	0	
	Benzo(b)fluoranthene	40	36	ug/L	90				0	0	
	Benzo(k)fluoranthene	40	36	ug/L	90				0	0	
	Benzo(a)pyrene	40	34	ug/L	85				0	0	
	Indeno(1,2,3-cd)pyrene	40	39	ug/L	98				0	0	
	Dibenzo(a,h)anthracene	40	38	ug/L	95				0	0	
	Benzo(g,h,i)perylene	40	38	ug/L	95				0	0	
	2,3,4,6-Tetrachlorophenol	40	36	ug/L	90				0	0	

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SP6538

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP062624

SAS No.: BP062624 SDG NO.: BP062624

Lab File ID: BP020647.D

Lab Sample ID: SP6538

Instrument ID: BNA_P

Date Extracted: _____

Matrix: (soil/water) Water

Date Analyzed: 06/26/2024

Level: (low/med) LOW

Time Analyzed: 12:37

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
SP6538	SP6538	BP020647.D	06/26/2024

COMMENTS: _____



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

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK614

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP062624

SAS No.: BP062624 SDG NO.: BP062624

Lab File ID: BP020655.D

Lab Sample ID: PB161614BL

Instrument ID: BNA_P

Date Extracted: 06/20/2024

Matrix: (soil/water) Solid

Date Analyzed: 06/26/2024

Level: (low/med) LOW

Time Analyzed: 18:25

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED

COMMENTS:

4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK716

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP062624

SAS No.: BP062624 SDG NO.: BP062624

Lab File ID: BP020646.D

Lab Sample ID: PB161716BL

Instrument ID: BNA_P

Date Extracted: 06/25/2024

Matrix: (soil/water) Water

Date Analyzed: 06/26/2024

Level: (low/med) LOW

Time Analyzed: 11:55

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
E08C7	P3055-01	BP020648.D	06/26/2024
E08C9	P3055-03	BP020649.D	06/26/2024
E08D4	P3055-05	BP020650.D	06/26/2024
E08D7	P3055-07	BP020651.D	06/26/2024
C0TB2	P3026-02	BP020652.D	06/26/2024
PB161716BS	PB161716BS	BP020653.D	06/26/2024

COMMENTS: _____



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

Surrogate Summary

SW-846

SDG No.: BP062624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
SP6538	SP6538	BP020647.D	1,4-Dioxane-d8	8	0.00	0	*	15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.00	0	*	25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.00	0	*	25	130
			Acenaphthylene-d8	40	0.00	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.00	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	25	130
			Pyrene-d10	40	0.00	0	*	15	130
			Benzo(a)pyrene-d12	40	0.00	0	*	20	130



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

Surrogate Summary

SW-846

SDG No.: BP062624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161614BL	PB161614BL	BP020655.D	1,4-Dioxane-d8	8	5.46	68		15	120
			Pyridine-d5	40	26.83	67		20	120
			Phenol-d5	40	27.07	68		10	130
			Bis(2-Chloroethyl)ether-d8	40	27.25	68		10	150
			2-Chlorophenol-d4	40	27.24	68		15	120
			4-Methylphenol-d8	40	27.14	68		10	140
			Nitrobenzene-d5	40	30.03	75		10	135
			2-Nitrophenol-d4	40	32.61	82		10	120
			2,4-Dichlorophenol-d3	40	28.00	70		10	140
			4-Chloroaniline-d4	40	28.38	71		1	145
			Dimethylphthalate-d6	40	30.93	77		10	145
			Acenaphthylene-d8	40	29.57	74		15	120
			4-Nitrophenol-d4	40	23.99	60		10	150
			Fluorene-d10	40	29.88	75		20	140
			4,6-Dinitro-2-methylphenol-d2	40	27.45	69		10	130
			Anthracene-d10	40	30.74	77		10	150
			Pyrene-d10	40	32.30	81		10	130
			Benzo(a)pyrene-d12	40	31.94	80		10	140

Surrogate Summary

SW-846

SDG No.: BP062624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3026-02	C0TB2	BP020652.D	Pyridine-d5	40	5.37	13	*	20	120
			1,4-Dioxane-d8	8	5.22	65		15	120
			Phenol-d5	40	9.71	24		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.43	94		25	120
			2-Chlorophenol-d4	40	34.00	85		20	130
			4-Methylphenol-d8	40	23.31	58		25	125
			Nitrobenzene-d5	40	41.95	105		20	125
			2-Nitrophenol-d4	40	43.71	109		20	130
			2,4-Dichlorophenol-d3	40	38.85	97		20	120
			4-Chloroaniline-d4	40	4.94	12		1	146
			Dimethylphthalate-d6	40	45.50	114		25	130
			Acenaphthylene-d8	40	42.25	106		10	130
			4-Nitrophenol-d4	40	6.87	17		10	150
			Fluorene-d10	40	45.01	113		25	125
			4,6-Dinitro-2-methylphenol-d2	40	42.09	105		10	130
			Anthracene-d10	40	48.42	121		25	130
			Pyrene-d10	40	49.73	124		15	130
			Benzo(a)pyrene-d12	40	49.17	123		20	130
P3055-01	E08C7	BP020648.D	1,4-Dioxane-d8	8	2.46	31		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.03	0	*	25	120
			2-Chlorophenol-d4	40	0.03	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.02	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.05	0	*	25	130
			Acenaphthylene-d8	40	0.03	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.06	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	25	130
			Pyrene-d10	40	0.07	0	*	15	130
			Benzo(a)pyrene-d12	40	0.00	0	*	20	130
P3055-03	E08C9	BP020649.D	1,4-Dioxane-d8	8	2.57	32		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.04	0	*	25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.05	0	*	25	130
			Acenaphthylene-d8	40	0.04	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150

Surrogate Summary

SW-846

SDG No.: BP062624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P3055-03	E08C9	BP020649.D	Fluorene-d10	40	0.06	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.08	0	*	25	130
			Pyrene-d10	40	0.05	0	*	15	130
			Benzo(a)pyrene-d12	40	0.03	0	*	20	130
P3055-05	E08D4	BP020650.D	1,4-Dioxane-d8	8	2.69	34		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.02	0	*	25	120
			2-Chlorophenol-d4	40	0.03	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.05	0	*	25	130
			Acenaphthylene-d8	40	0.04	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.06	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	25	130
			Pyrene-d10	40	0.05	0	*	15	130
			Benzo(a)pyrene-d12	40	0.00	0	*	20	130
P3055-07	E08D7	BP020651.D	1,4-Dioxane-d8	8	2.64	33		15	120
			Pyridine-d5	40	0.00	0	*	20	120
			Phenol-d5	40	0.00	0	*	10	130
			Bis(2-Chloroethyl)ether-d8	40	0.04	0	*	25	120
			2-Chlorophenol-d4	40	0.00	0	*	20	130
			4-Methylphenol-d8	40	0.00	0	*	25	125
			Nitrobenzene-d5	40	0.00	0	*	20	125
			2-Nitrophenol-d4	40	0.00	0	*	20	130
			2,4-Dichlorophenol-d3	40	0.00	0	*	20	120
			4-Chloroaniline-d4	40	0.00	0	*	1	146
			Dimethylphthalate-d6	40	0.03	0	*	25	130
			Acenaphthylene-d8	40	0.04	0	*	10	130
			4-Nitrophenol-d4	40	0.00	0	*	10	150
			Fluorene-d10	40	0.05	0	*	25	125
			4,6-Dinitro-2-methylphenol-d2	40	0.00	0	*	10	130
			Anthracene-d10	40	0.00	0	*	25	130
			Pyrene-d10	40	0.05	0	*	15	130
			Benzo(a)pyrene-d12	40	0.00	0	*	20	130
PB161716BL	PB161716BL	BP020646.D	Pyridine-d5	40	25.35	63		20	120
			1,4-Dioxane-d8	8	5.70	71		15	120
			Phenol-d5	40	28.28	71		10	130
			Bis(2-Chloroethyl)ether-d8	40	28.54	71		25	120
			2-Chlorophenol-d4	40	27.86	70		20	130
			4-Methylphenol-d8	40	28.30	71		25	125
			Nitrobenzene-d5	40	29.89	75		20	125
			2-Nitrophenol-d4	40	32.84	82		20	130

Surrogate Summary

SW-846

SDG No.: BP062624

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB161716BL	PB161716BL	BP020646.D	2,4-Dichlorophenol-d3	40	28.12	70		20	120
			4-Chloroaniline-d4	40	24.60	61		1	146
			Dimethylphthalate-d6	40	31.48	79		25	130
			Acenaphthylene-d8	40	29.12	73		10	130
			4-Nitrophenol-d4	40	27.97	70		10	150
			Fluorene-d10	40	31.48	79		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.97	70		10	130
			Anthracene-d10	40	30.34	76		25	130
			Pyrene-d10	40	31.37	78		15	130
			Benzo(a)pyrene-d12	40	31.45	79		20	130
PB161716BS	PB161716BS	BP020653.D	1,4-Dioxane-d8	8	8.34	104		15	120
			Pyridine-d5	40	31.11	78		20	120
			Phenol-d5	40	33.02	83		10	130
			Bis(2-Chloroethyl)ether-d8	40	32.05	80		25	120
			2-Chlorophenol-d4	40	33.22	83		20	130
			4-Methylphenol-d8	40	31.19	78		25	125
			Nitrobenzene-d5	40	37.68	94		20	125
			2-Nitrophenol-d4	40	40.16	100		20	130
			2,4-Dichlorophenol-d3	40	37.09	93		20	120
			4-Chloroaniline-d4	40	29.60	74		1	146
			Dimethylphthalate-d6	40	37.35	93		25	130
			Acenaphthylene-d8	40	37.37	93		10	130
			4-Nitrophenol-d4	40	41.02	103		10	150
			Fluorene-d10	40	37.50	94		25	125
			4,6-Dinitro-2-methylphenol-d2	40	40.59	101		10	130
			Anthracene-d10	40	37.24	93		25	130
			Pyrene-d10	40	34.26	86		15	130
			Benzo(a)pyrene-d12	40	38.35	96		20	130

5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP062624

Lab Code: CHEM

SAS No.: BP062624

SDG NO.: BP062624

Lab File ID: BP020644.D

DFTPP Injection Date: 06/26/2024

Instrument ID: BNA_P

DFTPP Injection Time: 10:31

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	34
68	Less than 2.0% of mass 69	0.7 (2) 1
69	Mass 69 relative abundance	34.8
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	43.6
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	29.8
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	14.6
442	Greater than 50% of mass 198	90.6
443	15.0 - 24.0% of mass 442	17.6 (19.5) 2

1-Value is % mass 69

2-Value is % mass 442

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
SSTD020658	SSTDCCC020	BP020645.D	06/26/2024	11:13
SBLK716	PB161716BL	BP020646.D	06/26/2024	11:55
SP6538	SP6538	BP020647.D	06/26/2024	12:37
E08C7	P3055-01	BP020648.D	06/26/2024	13:19
E08C9	P3055-03	BP020649.D	06/26/2024	14:04
E08D4	P3055-05	BP020650.D	06/26/2024	14:47
E08D7	P3055-07	BP020651.D	06/26/2024	15:31
C0TB2	P3026-02	BP020652.D	06/26/2024	16:14
SLCS716	PB161716BS	BP020653.D	06/26/2024	16:58
SSTD020659	SSTDCCC020EC	BP020654.D	06/26/2024	17:41
SBLK614	PB161614BL	BP020655.D	06/26/2024	18:25