

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BN032124 SAS No.: BN032124 SDG No.: BN032124

Instrument ID: BNA_N Calibration Date/Time: 3/21/2024 1:10:21

Lab File ID: BN030440.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020327 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.561	0.551	0.010	-1.7462	40.0
Benzaldehyde	0.911	1.138	0.010	24.9086	40.0
Pyridine	1.599	1.586	0.010	-0.7778	40.0
Phenol	1.982	1.971	0.080	-0.5455	20.0
Bis(2-Chloroethyl)ether	1.617	1.653	0.100	2.254	20.0
2-Chlorophenol	1.482	1.543	0.200	4.1587	20.0
2-Methylphenol	1.498	1.512	0.010	0.925	20.0
2,2-oxybis(1-Chloropropane)	2.129	2.171	0.010	1.9506	40.0
Acetophenone	2.396	2.525	0.060	5.3655	20.0
4-Methylphenol	1.626	1.654	0.010	1.7225	20.0
N-Nitroso-di-n-propylamine	1.253	1.300	0.050	3.7769	30.0
Hexachloroethane	0.608	0.626	0.100	2.9825	20.0
Nitrobenzene	0.387	0.404	0.050	4.3811	25.0
Isophorone	0.830	0.834	0.050	0.393	25.0
2-Nitrophenol	0.160	0.175	0.050	9.3846	25.0
2,4-Dimethylphenol	0.370	0.372	0.050	0.692	25.0
Bis(2-Chloroethoxy)methane	0.499	0.507	0.050	1.6152	20.0
2,4-Dichlorophenol	0.305	0.317	0.060	3.7546	20.0
Naphthalene	1.138	1.152	0.200	1.2031	20.0
4-Chloroaniline	0.480	0.490	0.010	2.0489	40.0
Hexachlorobutadiene	0.187	0.188	0.040	0.616	30.0
Caprolactam	0.120	0.118	0.010	-1.2651	40.0
4-Chloro-3-methylphenol	0.360	0.369	0.040	2.4681	25.0
1-Methylnaphthalene	0.760	0.783	0.100	3.0197	20.0
2-Methylnaphthalene	0.773	0.788	0.100	1.9658	20.0
Hexachlorocyclopentadiene	0.340	0.324	0.010	-4.5413	40.0
2,4,6-Trichlorophenol	0.379	0.385	0.090	1.4593	25.0
2,4,5-Trichlorophenol	0.411	0.418	0.100	1.6198	25.0
1,1-Biphenyl	1.598	1.577	0.200	-1.3232	20.0
2-Chloronaphthalene	1.262	1.259	0.300	-0.2417	20.0
2-Nitroaniline	0.330	0.349	0.050	5.9033	40.0
Dimethylphthalate	1.591	1.574	0.300	-1.0744	20.0
2,6-Dinitrotoluene	0.273	0.295	0.080	7.8455	30.0
Acenaphthylene	2.107	2.100	0.400	-0.3383	20.0
3-Nitroaniline	0.315	0.327	0.010	3.7145	40.0
Acenaphthene	1.376	1.364	0.200	-0.8068	20.0
2,4-Dinitrophenol	0.123	0.094	0.010	-23.6784	40.0
4-Nitrophenol	0.229	0.221	0.010	-3.265	40.0
Dibenzofuran	1.858	1.868	0.300	0.5487	20.0
2,4-Dinitrotoluene	0.397	0.430	0.070	8.2574	30.0
Diethylphthalate	1.615	1.586	0.300	-1.7917	20.0



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Instrument ID: BNA_N Calibration Date/Time: 3/21/2024 1:10:21

Lab File ID: BN030440.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020327 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.495	1.502	0.200	0.5053	20.0
4-Chlorophenyl-phenylether	0.718	0.731	0.100	1.84	20.0
4-Nitroaniline	0.304	0.329	0.010	8.1477	40.0
4,6-Dinitro-2-methylphenol	0.103	0.095	0.010	-8.2043	40.0
N-Nitrosodiphenylamine	0.624	0.659	0.050	5.5319	20.0
1,2,4,5-Tetrachlorobenzene	0.602	0.614	0.100	1.9049	20.0
4-Bromophenyl-phenylether	0.206	0.224	0.070	8.6742	20.0
Hexachlorobenzene	0.246	0.255	0.050	3.4826	25.0
Atrazine	0.201	0.218	0.010	8.4835	25.0
Pentachlorophenol	0.152	0.153	0.010	0.644	40.0
Phenanthrene	1.137	1.186	0.200	4.3106	20.0
Pentachlorobenzene	0.276	0.283	0.050	2.5238	20.0
Anthracene	1.155	1.207	0.200	4.5633	20.0
1,2,3,4-Tetrachlorobenzene	0.281	0.295	0.050	4.901	20.0
Carbazole	1.025	1.097	0.050	7.0074	40.0
Di-n-butylphthalate	1.289	1.359	0.500	5.4471	25.0
Fluoranthene	1.476	1.550	0.400	4.9857	25.0
Pyrene	1.525	1.539	0.400	0.8775	25.0
Butylbenzylphthalate	0.587	0.622	0.100	5.9646	40.0
3,3-Dichlorobenzidine	0.450	0.447	0.010	-0.832	40.0
Benzo(a)anthracene	1.488	1.472	0.300	-1.0704	30.0
Chrysene	1.375	1.381	0.200	0.4192	30.0
Bis(2-ethylhexyl)phthalate	0.899	0.941	0.200	4.6203	40.0
Di-n-octyl phthalate	1.464	1.449	0.010	-1.0042	40.0
Benzo(b)fluoranthene	1.324	1.316	0.200	-0.6381	25.0
Benzo(k)fluoranthene	1.337	1.377	0.200	2.9494	25.0
Benzo(a)pyrene	1.239	1.250	0.200	0.8812	20.0
Indeno(1,2,3-cd)pyrene	1.334	1.313	0.200	-1.6012	25.0
Dibenzo(a,h)anthracene	1.115	1.095	0.200	-1.7942	30.0
Benzo(g,h,i)perylene	1.053	1.041	0.200	-1.1347	30.0
2,3,4,6-Tetrachlorophenol	0.338	0.341	0.040	0.7541	20.0
1,4-Dioxane-d8	0.546	0.532	0.010	-2.6162	25.0
Pyridine-d5	1.582	1.557	0.010	-1.5958	40.0
Phenol-d5	1.955	1.916	0.010	-1.9692	25.0
Bis-(2-Chloroethyl)ether-d8	1.184	1.214	0.050	2.5693	25.0
2-Chlorophenol-d4	1.427	1.474	0.200	3.3393	20.0
4-Methylphenol-d8	1.530	1.549	0.010	1.2948	20.0
Nitrobenzene-d5	0.153	0.161	0.050	5.6655	20.0
2-Nitrophenol-d4	0.135	0.147	0.050	8.4998	30.0
2,4-Dichlorophenol-d3	0.306	0.315	0.060	3.1145	20.0
4-Chloroaniline-d4	0.498	0.507	0.010	1.7532	40.0



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EPA Sample No.: SSTD020327 Init. Calib. Time(s): _____
GC Column: ZB-GR ID: 0.25 (mm)

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.567	1.546	0.300	-1.3247	20.0
Acenaphthylene-d8	1.826	1.836	0.400	0.5212	20.0
4-Nitrophenol-d4	0.296	0.288	0.010	-2.9717	40.0
Fluorene-d10	1.335	1.309	0.100	-1.948	20.0
4,6-Dinitro-2-methylphenol-d2	0.089	0.081	0.010	-9.5249	40.0
Anthracene-d10	0.971	1.005	0.300	3.4979	20.0
Pyrene-d10	1.226	1.266	0.300	3.3335	25.0
Benzo(a)pyrene-d12	1.061	1.074	0.010	1.2116	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.: BN032124 SAS No.: BN032124 SDG No.: BN032124

Instrument ID: BNA_N Calibration Date/Time: 3/21/2024 1:15:48

Lab File ID: BN030448.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020328 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
1,4-Dioxane	0.561	0.556	0.010	-0.9148	50.0
Benzaldehyde	0.911	1.126	0.010	23.5425	50.0
Pyridine	1.599	1.600	0.010	0.0649	50.0
Phenol	1.982	1.949	0.080	-1.6975	50.0
Bis(2-Chloroethyl) ether	1.617	1.604	0.100	-0.7715	50.0
2-Chlorophenol	1.482	1.504	0.200	1.4872	50.0
2-Methylphenol	1.498	1.476	0.010	-1.5107	50.0
2,2-oxybis(1-Chloropropane)	2.129	2.083	0.010	-2.1676	50.0
Acetophenone	2.396	2.453	0.060	2.3557	50.0
4-Methylphenol	1.626	1.621	0.010	-0.2614	50.0
N-Nitroso-di-n-propylamine	1.253	1.263	0.050	0.8002	50.0
Hexachloroethane	0.608	0.612	0.100	0.628	50.0
Nitrobenzene	0.387	0.399	0.050	3.2287	50.0
Isophorone	0.830	0.823	0.050	-0.9035	50.0
2-Nitrophenol	0.160	0.174	0.050	8.9538	50.0
2,4-Dimethylphenol	0.370	0.367	0.050	-0.6094	50.0
Bis(2-Chloroethoxy) methane	0.499	0.502	0.050	0.6104	50.0
2,4-Dichlorophenol	0.305	0.315	0.060	3.0661	50.0
Naphthalene	1.138	1.139	0.200	0.0883	50.0
4-Chloroaniline	0.480	0.494	0.010	2.9996	50.0
Hexachlorobutadiene	0.187	0.189	0.040	1.1887	50.0
Caprolactam	0.120	0.121	0.010	1.3095	50.0
4-Chloro-3-methylphenol	0.360	0.371	0.040	3.0009	50.0
1-Methylnaphthalene	0.760	0.769	0.100	1.079	50.0
2-Methylnaphthalene	0.773	0.781	0.100	0.9984	50.0
Hexachlorocyclopentadiene	0.340	0.291	0.010	-14.4366	50.0
2,4,6-Trichlorophenol	0.379	0.385	0.090	1.5494	50.0
2,4,5-Trichlorophenol	0.411	0.414	0.100	0.5862	50.0
1,1-Biphenyl	1.598	1.574	0.200	-1.5003	50.0
2-Chloronaphthalene	1.262	1.234	0.300	-2.2144	50.0
2-Nitroaniline	0.330	0.346	0.050	4.951	50.0
Dimethylphthalate	1.591	1.581	0.300	-0.6475	50.0
2,6-Dinitrotoluene	0.273	0.298	0.080	8.9554	50.0
Acenaphthylene	2.107	2.068	0.400	-1.8277	50.0
3-Nitroaniline	0.315	0.331	0.010	4.8065	50.0
Acenaphthene	1.376	1.342	0.200	-2.4677	50.0
2,4-Dinitrophenol	0.123	0.087	0.010	-29.1586	50.0
4-Nitrophenol	0.229	0.225	0.010	-1.6745	50.0
Dibenzofuran	1.858	1.800	0.300	-3.1306	50.0
2,4-Dinitrotoluene	0.397	0.431	0.070	8.4947	50.0
Diethylphthalate	1.615	1.583	0.300	-2.0102	50.0



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EPA Sample No.: SSTD020328 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Fluorene	1.495	1.527	0.200	2.1657	50.0
4-Chlorophenyl-phenylether	0.718	0.722	0.100	0.6747	50.0
4-Nitroaniline	0.304	0.344	0.010	13.2742	50.0
4,6-Dinitro-2-methylphenol	0.103	0.090	0.010	-13.0872	50.0
N-Nitrosodiphenylamine	0.624	0.625	0.050	0.1621	50.0
1,2,4,5-Tetrachlorobenzene	0.602	0.584	0.100	-2.9881	50.0
4-Bromophenyl-phenylether	0.206	0.215	0.070	4.4856	50.0
Hexachlorobenzene	0.246	0.258	0.050	4.8501	50.0
Atrazine	0.201	0.219	0.010	8.8598	50.0
Pentachlorophenol	0.152	0.147	0.010	-3.4976	50.0
Phenanthrene	1.137	1.173	0.200	3.1635	50.0
Pentachlorobenzene	0.276	0.282	0.050	1.9951	50.0
Anthracene	1.155	1.195	0.200	3.4812	50.0
1,2,3,4-Tetrachlorobenzene	0.281	0.283	0.050	0.8066	50.0
Carbazole	1.025	1.112	0.050	8.5385	50.0
Di-n-butylphthalate	1.289	1.330	0.500	3.2126	50.0
Fluoranthene	1.476	1.462	0.400	-0.9819	50.0
Pyrene	1.525	1.519	0.400	-0.4187	50.0
Butylbenzylphthalate	0.587	0.596	0.100	1.5984	50.0
3,3-Dichlorobenzidine	0.450	0.444	0.010	-1.4323	50.0
Benzo(a)anthracene	1.488	1.510	0.300	1.4449	50.0
Chrysene	1.375	1.375	0.200	-0.0486	50.0
Bis(2-ethylhexyl)phthalate	0.899	0.919	0.200	2.1818	50.0
Di-n-octyl phthalate	1.464	1.374	0.010	-6.118	50.0
Benzo(b)fluoranthene	1.324	1.369	0.200	3.4036	50.0
Benzo(k)fluoranthene	1.337	1.309	0.200	-2.1518	50.0
Benzo(a)pyrene	1.239	1.281	0.200	3.4268	50.0
Indeno(1,2,3-cd)pyrene	1.334	1.411	0.200	5.7957	50.0
Dibenzo(a,h)anthracene	1.115	1.191	0.200	6.8209	50.0
Benzo(g,h,i)perylene	1.053	1.131	0.200	7.4601	50.0
2,3,4,6-Tetrachlorophenol	0.338	0.335	0.040	-0.7676	50.0
1,4-Dioxane-d8	0.546	0.547	0.010	0.1795	50.0
Pyridine-d5	1.582	1.581	0.010	-0.077	50.0
Phenol-d5	1.955	1.908	0.010	-2.3833	50.0
Bis-(2-Chloroethyl)ether-d8	1.184	1.162	0.050	-1.7954	50.0
2-Chlorophenol-d4	1.427	1.428	0.200	0.1228	50.0
4-Methylphenol-d8	1.530	1.524	0.010	-0.3909	50.0
Nitrobenzene-d5	0.153	0.161	0.050	5.2048	50.0
2-Nitrophenol-d4	0.135	0.148	0.050	9.0476	50.0
2,4-Dichlorophenol-d3	0.306	0.316	0.060	3.3882	50.0
4-Chloroaniline-d4	0.498	0.510	0.010	2.2406	50.0



7C

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Instrument ID: BNA_N Calibration Date/Time: 3/21/2024 1:15:48

Lab File ID: BN030448.D Init. Calib. Date(s): _____

EPA Sample No.: SSTD020328 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRFCAL	MIN RRF	%D	MAX%D
Dimethylphthalate-d6	1.567	1.537	0.300	-1.9548	50.0
Acenaphthylene-d8	1.826	1.754	0.400	-3.9691	50.0
4-Nitrophenol-d4	0.296	0.288	0.010	-2.9182	50.0
Fluorene-d10	1.335	1.310	0.100	-1.9185	50.0
4,6-Dinitro-2-methylphenol-d2	0.089	0.076	0.010	-14.8867	50.0
Anthracene-d10	0.971	0.984	0.300	1.2469	50.0
Pyrene-d10	1.226	1.214	0.300	-0.9271	50.0
Benzo(a)pyrene-d12	1.061	1.075	0.010	1.2779	50.0

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	SBLK692	SDG No.:	BN032124
Lab Sample ID:	PB159692BL	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
BN030441.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	0.31	U	0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	1.4	U	1.4	5	10	ug/L
110-86-1	Pyridine	0.85	U	0.85	10	10	ug/L
108-95-2	Phenol	1.7	U	1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.5	U	1.5	5	10	ug/L
95-57-8	2-Chlorophenol	1.1	U	1.1	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)	1.4	U	1.4	5	10	ug/L
98-86-2	Acetophenone	2.1	U	2.1	5	10	ug/L
106-44-5	4-Methylphenol	1.6	U	1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.4	U	1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	0.89	U	0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	1.3	U	1.3	2.5	5	ug/L
78-59-1	Isophorone	1.4	U	1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	1.4	U	1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	0.72	U	0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.4	U	1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	1.4	U	1.4	2.5	5	ug/L
91-20-3	Naphthalene	1.5	U	1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	1.7	U	1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	1.1	U	1.1	2.5	5	ug/L
105-60-2	Caprolactam	1.3	U	1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.4	U	1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	0.97	U	0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	1.5	U	1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	1.4	U	1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.9	U	1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.7	U	1.7	2.5	5	ug/L
92-52-4	1,1-Biphenyl	1.9	U	1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	1.8	U	1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	1.2	U	1.2	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	SBLK692	SDG No.:	BN032124
Lab Sample ID:	PB159692BL	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
BN030441.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	1.6	U	1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	1.3	U	1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	1.8	U	1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	0.86	U	0.86	5	10	ug/L
83-32-9	Acenaphthene	1.9	U	1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	1.9	U	1.9	5	10	ug/L
100-02-7	4-Nitrophenol	1.5	U	1.5	5	10	ug/L
132-64-9	Dibenzofuran	1.7	U	1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	0.97	U	0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	1.5	U	1.5	2.5	5	ug/L
86-73-7	Fluorene	2	U	2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.9	U	1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	0.6	U	0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.7	U	1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	1.7	U	1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.8	U	1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2.7	U	2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	2.5	5	ug/L
1912-24-9	Atrazine	1.2	U	1.2	5	10	ug/L
87-86-5	Pentachlorophenol	1.7	U	1.7	5	10	ug/L
85-01-8	Phenanthrene	1.8	U	1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	1.3	U	1.3	2.5	5	ug/L
120-12-7	Anthracene	1.7	U	1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	0.75	U	0.75	2.5	5	ug/L
86-74-8	Carbazole	2	U	2	5	10	ug/L
84-74-2	Di-n-butylphthalate	1.7	U	1.7	2.5	5	ug/L
206-44-0	Fluoranthene	1.7	U	1.7	5	5	ug/L
129-00-0	Pyrene	1.7	U	1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	1.5	U	1.5	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	1.5	U	1.5	2.5	5	ug/L
218-01-9	Chrysene	1.7	U	1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	1.5	U	1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	SBLK692	SDG No.:	BN032124
Lab Sample ID:	PB159692BL	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
BN030441.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	1.3	U	1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.6	U	1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	2.2	U	2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	2	U	2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.9	U	1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.8	U	1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	7.559		15-120		94	SPK: -8
7291-22-7	Pyridine-d5	38.383		20-120		96	SPK: -40
4165-62-2	Phenol-d5	35.791		10-130		89	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.687		25-120		94	SPK: -40
93951-73-6	2-Chlorophenol-d4	37.898		20-130		95	SPK: -40
190780-66-6	4-Methylphenol-d8	36.058		25-125		90	SPK: -40
4165-60-0	Nitrobenzene-d5	41.319		20-125		103	SPK: -40
93951-78-1	2-Nitrophenol-d4	43.413		20-130		109	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	37.198		20-120		93	SPK: -40
191656-33-4	4-Chloroaniline-d4	38.753		1-146		97	SPK: -40
85448-30-2	Dimethylphthalate-d6	39.267		25-130		98	SPK: -40
93951-97-4	Acenaphthylene-d8	37.807		10-130		95	SPK: -40
93951-79-2	4-Nitrophenol-d4	32.705		10-150		82	SPK: -40
81103-79-9	Fluorene-d10	37.938		25-125		95	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	27.092		10-130		68	SPK: -40
1719-06-8	Anthracene-d10	40.092		25-130		100	SPK: -40
1718-52-1	Pyrene-d10	40.16		15-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	40.766		20-130		102	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	322064	7.722				
1146-65-2	Naphthalene-d8	1399629	10.511				
15067-26-2	Acenaphthene-d10	915201	14.369				
1517-22-2	Phenanthrene-d10	1880510	17.116				



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Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	SBLK692	SDG No.:	BN032124
Lab Sample ID:	PB159692BL	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030441.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	1658371	21.357				
1520-96-3	Perylene-d12	1780446	24.327				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	SLEB672	SDG No.:	BN032124
Lab Sample ID:	PB159672TB	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
BN030442.D	10	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.1	U	3.1	5	20	ug/L
100-52-7	Benzaldehyde	14	U	14	50	100	ug/L
110-86-1	Pyridine	8.5	U	8.5	100	100	ug/L
108-95-2	Phenol	17	U	17	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	15	U	15	50	100	ug/L
95-57-8	2-Chlorophenol	11	U	11	25	50	ug/L
95-48-7	2-Methylphenol	15	U	15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	14	U	14	50	100	ug/L
98-86-2	Acetophenone	21	U	21	50	100	ug/L
106-44-5	4-Methylphenol	16	U	16	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	14	U	14	25	50	ug/L
67-72-1	Hexachloroethane	8.9	U	8.9	25	50	ug/L
98-95-3	Nitrobenzene	13	U	13	25	50	ug/L
78-59-1	Isophorone	14	U	14	25	50	ug/L
88-75-5	2-Nitrophenol	14	U	14	25	50	ug/L
105-67-9	2,4-Dimethylphenol	7.2	U	7.2	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	14	U	14	25	50	ug/L
120-83-2	2,4-Dichlorophenol	14	U	14	25	50	ug/L
91-20-3	Naphthalene	15	U	15	25	50	ug/L
106-47-8	4-Chloroaniline	17	U	17	25	100	ug/L
87-68-3	Hexachlorobutadiene	11	U	11	25	50	ug/L
105-60-2	Caprolactam	13	U	13	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	14	U	14	25	50	ug/L
90-12-0	1-Methylnaphthalene	9.7	U	9.7	25	50	ug/L
91-57-6	2-Methylnaphthalene	15	U	15	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	14	U	14	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	19	U	19	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	17	U	17	25	50	ug/L
92-52-4	1,1-Biphenyl	19	U	19	25	50	ug/L
91-58-7	2-Chloronaphthalene	18	U	18	25	50	ug/L
88-74-4	2-Nitroaniline	12	U	12	25	50	ug/L

Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	SLEB672	SDG No.:	BN032124
Lab Sample ID:	PB159672TB	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
BN030442.D	10	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	16	U	16	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	13	U	13	25	50	ug/L
208-96-8	Acenaphthylene	18	U	18	25	50	ug/L
99-09-2	3-Nitroaniline	8.6	U	8.6	50	100	ug/L
83-32-9	Acenaphthene	19	U	19	25	50	ug/L
51-28-5	2,4-Dinitrophenol	19	U	19	50	100	ug/L
100-02-7	4-Nitrophenol	15	U	15	50	100	ug/L
132-64-9	Dibenzofuran	17	U	17	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	9.7	U	9.7	25	50	ug/L
84-66-2	Diethylphthalate	15	U	15	25	50	ug/L
86-73-7	Fluorene	20	U	20	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	19	U	19	25	50	ug/L
100-01-6	4-Nitroaniline	6	U	6	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	17	U	17	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	17	U	17	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	18	U	18	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	27	U	27	25	50	ug/L
118-74-1	Hexachlorobenzene	19	U	19	25	50	ug/L
1912-24-9	Atrazine	12	U	12	50	100	ug/L
87-86-5	Pentachlorophenol	17	U	17	50	100	ug/L
85-01-8	Phenanthrene	18	U	18	25	50	ug/L
608-93-5	Pentachlorobenzene	13	U	13	25	50	ug/L
120-12-7	Anthracene	17	U	17	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	7.5	U	7.5	25	50	ug/L
86-74-8	Carbazole	20	U	20	50	100	ug/L
84-74-2	Di-n-butylphthalate	17	U	17	25	50	ug/L
206-44-0	Fluoranthene	17	U	17	50	50	ug/L
129-00-0	Pyrene	17	U	17	25	50	ug/L
85-68-7	Butylbenzylphthalate	15	U	15	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	50	100	ug/L
56-55-3	Benzo(a)anthracene	15	U	15	25	50	ug/L
218-01-9	Chrysene	17	U	17	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	15	U	15	25	50	ug/L

Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	SLEB672	SDG No.:	BN032124
Lab Sample ID:	PB159672TB	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
BN030442.D	10	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	13	U	13	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	16	U	16	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	22	U	22	25	50	ug/L
50-32-8	Benzo(a)pyrene	20	U	20	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	19	U	19	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	20	U	20	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19	U	19	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	18	U	18	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	75.83		15-120		94	SPK: -8
7291-22-7	Pyridine-d5	375.54		20-120		93	SPK: -40
4165-62-2	Phenol-d5	353.6		10-130		88	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	377.07		25-120		94	SPK: -40
93951-73-6	2-Chlorophenol-d4	370.84		20-130		92	SPK: -40
190780-66-6	4-Methylphenol-d8	358.36		25-125		89	SPK: -40
4165-60-0	Nitrobenzene-d5	408.08		20-125		102	SPK: -40
93951-78-1	2-Nitrophenol-d4	418.7		20-130		104	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	368.23		20-120		92	SPK: -40
191656-33-4	4-Chloroaniline-d4	384.2		1-146		96	SPK: -40
85448-30-2	Dimethylphthalate-d6	385.91		25-130		96	SPK: -40
93951-97-4	Acenaphthylene-d8	377.87		10-130		94	SPK: -40
93951-79-2	4-Nitrophenol-d4	326.24		10-150		81	SPK: -40
81103-79-9	Fluorene-d10	379.62		25-125		94	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	255.01		10-130		63	SPK: -40
1719-06-8	Anthracene-d10	396.07		25-130		99	SPK: -40
1718-52-1	Pyrene-d10	403.03		15-130		100	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	400.93		20-130		100	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	335790	7.722				
1146-65-2	Naphthalene-d8	1468666	10.51				
15067-26-2	Acenaphthene-d10	977019	14.369				
1517-22-2	Phenanthrene-d10	2024285	17.116				



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Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	SLEB672	SDG No.:	BN032124
Lab Sample ID:	PB159672TB	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030442.D	10	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	1724943	21.357				
1520-96-3	Perylene-d12	1875161	24.321				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	19	U			99	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0732	SDG No.:	BN032124
Lab Sample ID:	P1743-05	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
BN030443.D	10	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.1	U	3.1	5	20	ug/L
100-52-7	Benzaldehyde	14	U	14	50	100	ug/L
110-86-1	Pyridine	8.5	U	8.5	100	100	ug/L
108-95-2	Phenol	17	U	17	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	15	U	15	50	100	ug/L
95-57-8	2-Chlorophenol	11	U	11	25	50	ug/L
95-48-7	2-Methylphenol	15	U	15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	14	U	14	50	100	ug/L
98-86-2	Acetophenone	21	U	21	50	100	ug/L
106-44-5	4-Methylphenol	16	U	16	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	14	U	14	25	50	ug/L
67-72-1	Hexachloroethane	8.9	U	8.9	25	50	ug/L
98-95-3	Nitrobenzene	13	U	13	25	50	ug/L
78-59-1	Isophorone	14	U	14	25	50	ug/L
88-75-5	2-Nitrophenol	14	U	14	25	50	ug/L
105-67-9	2,4-Dimethylphenol	7.2	U	7.2	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	14	U	14	25	50	ug/L
120-83-2	2,4-Dichlorophenol	14	U	14	25	50	ug/L
91-20-3	Naphthalene	15	U	15	25	50	ug/L
106-47-8	4-Chloroaniline	17	U	17	25	100	ug/L
87-68-3	Hexachlorobutadiene	11	U	11	25	50	ug/L
105-60-2	Caprolactam	13	U	13	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	14	U	14	25	50	ug/L
90-12-0	1-Methylnaphthalene	9.7	U	9.7	25	50	ug/L
91-57-6	2-Methylnaphthalene	15	U	15	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	14	U	14	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	19	U	19	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	17	U	17	25	50	ug/L
92-52-4	1,1-Biphenyl	19	U	19	25	50	ug/L
91-58-7	2-Chloronaphthalene	18	U	18	25	50	ug/L
88-74-4	2-Nitroaniline	12	U	12	25	50	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0732	SDG No.:	BN032124
Lab Sample ID:	P1743-05	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
BN030443.D	10	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	16	U	16	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	13	U	13	25	50	ug/L
208-96-8	Acenaphthylene	18	U	18	25	50	ug/L
99-09-2	3-Nitroaniline	8.6	U	8.6	50	100	ug/L
83-32-9	Acenaphthene	19	U	19	25	50	ug/L
51-28-5	2,4-Dinitrophenol	19	U	19	50	100	ug/L
100-02-7	4-Nitrophenol	15	U	15	50	100	ug/L
132-64-9	Dibenzofuran	17	U	17	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	9.7	U	9.7	25	50	ug/L
84-66-2	Diethylphthalate	15	U	15	25	50	ug/L
86-73-7	Fluorene	20	U	20	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	19	U	19	25	50	ug/L
100-01-6	4-Nitroaniline	6	U	6	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	17	U	17	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	17	U	17	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	18	U	18	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	27	U	27	25	50	ug/L
118-74-1	Hexachlorobenzene	19	U	19	25	50	ug/L
1912-24-9	Atrazine	12	U	12	50	100	ug/L
87-86-5	Pentachlorophenol	17	U	17	50	100	ug/L
85-01-8	Phenanthrene	18	U	18	25	50	ug/L
608-93-5	Pentachlorobenzene	13	U	13	25	50	ug/L
120-12-7	Anthracene	17	U	17	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	7.5	U	7.5	25	50	ug/L
86-74-8	Carbazole	20	U	20	50	100	ug/L
84-74-2	Di-n-butylphthalate	17	U	17	25	50	ug/L
206-44-0	Fluoranthene	17	U	17	50	50	ug/L
129-00-0	Pyrene	17	U	17	25	50	ug/L
85-68-7	Butylbenzylphthalate	15	U	15	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	50	100	ug/L
56-55-3	Benzo(a)anthracene	15	U	15	25	50	ug/L
218-01-9	Chrysene	17	U	17	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	15	U	15	25	50	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0732	SDG No.:	BN032124
Lab Sample ID:	P1743-05	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
BN030443.D	10	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	13	U	13	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	16	U	16	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	22	U	22	25	50	ug/L
50-32-8	Benzo(a)pyrene	20	U	20	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	19	U	19	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	20	U	20	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19	U	19	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	18	U	18	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	20.26		15-120		25	SPK: -8
7291-22-7	Pyridine-d5	96.46		20-120		24	SPK: -40
4165-62-2	Phenol-d5	54.48		10-130		13	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	293.96		25-120		73	SPK: -40
93951-73-6	2-Chlorophenol-d4	215.72		20-130		53	SPK: -40
190780-66-6	4-Methylphenol-d8	133.74		25-125		33	SPK: -40
4165-60-0	Nitrobenzene-d5	321.82		20-125		80	SPK: -40
93951-78-1	2-Nitrophenol-d4	305.03		20-130		76	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	259.24		20-120		64	SPK: -40
191656-33-4	4-Chloroaniline-d4	246.52		1-146		61	SPK: -40
85448-30-2	Dimethylphthalate-d6	318.72		25-130		79	SPK: -40
93951-97-4	Acenaphthylene-d8	308.73		10-130		77	SPK: -40
93951-79-2	4-Nitrophenol-d4	41.32		10-150		10	SPK: -40
81103-79-9	Fluorene-d10	322.04		25-125		80	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	217.24		10-130		54	SPK: -40
1719-06-8	Anthracene-d10	344.06		25-130		86	SPK: -40
1718-52-1	Pyrene-d10	337.1		15-130		84	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	359.3		20-130		89	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	410352	7.728				
1146-65-2	Naphthalene-d8	1790927	10.51				
15067-26-2	Acenaphthene-d10	1167005	14.369				
1517-22-2	Phenanthrene-d10	2474426	17.116				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0732	SDG No.:	BN032124
Lab Sample ID:	P1743-05	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030443.D	10	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	2253038	21.357				
1520-96-3	Perylene-d12	2347281	24.321				
TENTATIVE IDENTIFIED COMPOUNDS							
000106-36-5	Propanoic acid, propyl ester	23	J			4.387	
000638-11-9	Isopropyl butyrate	39	J			4.84	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	48	J			13.281	
E966796	Total Alkanes	19	U			99	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0737	SDG No.:	BN032124
Lab Sample ID:	P1743-06	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
BN030444.D	10	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	3.1	U	3.1	5	20	ug/L
100-52-7	Benzaldehyde	14	U	14	50	100	ug/L
110-86-1	Pyridine	8.5	U	8.5	100	100	ug/L
108-95-2	Phenol	17	U	17	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	15	U	15	50	100	ug/L
95-57-8	2-Chlorophenol	11	U	11	25	50	ug/L
95-48-7	2-Methylphenol	15	U	15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	14	U	14	50	100	ug/L
98-86-2	Acetophenone	21	U	21	50	100	ug/L
106-44-5	4-Methylphenol	16	U	16	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	14	U	14	25	50	ug/L
67-72-1	Hexachloroethane	8.9	U	8.9	25	50	ug/L
98-95-3	Nitrobenzene	13	U	13	25	50	ug/L
78-59-1	Isophorone	14	U	14	25	50	ug/L
88-75-5	2-Nitrophenol	14	U	14	25	50	ug/L
105-67-9	2,4-Dimethylphenol	7.2	U	7.2	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	14	U	14	25	50	ug/L
120-83-2	2,4-Dichlorophenol	14	U	14	25	50	ug/L
91-20-3	Naphthalene	15	U	15	25	50	ug/L
106-47-8	4-Chloroaniline	17	U	17	25	100	ug/L
87-68-3	Hexachlorobutadiene	11	U	11	25	50	ug/L
105-60-2	Caprolactam	13	U	13	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	14	U	14	25	50	ug/L
90-12-0	1-Methylnaphthalene	9.7	U	9.7	25	50	ug/L
91-57-6	2-Methylnaphthalene	15	U	15	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	14	U	14	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	19	U	19	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	17	U	17	25	50	ug/L
92-52-4	1,1-Biphenyl	19	U	19	25	50	ug/L
91-58-7	2-Chloronaphthalene	18	U	18	25	50	ug/L
88-74-4	2-Nitroaniline	12	U	12	25	50	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0737	SDG No.:	BN032124
Lab Sample ID:	P1743-06	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
BN030444.D	10	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	16	U	16	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	13	U	13	25	50	ug/L
208-96-8	Acenaphthylene	18	U	18	25	50	ug/L
99-09-2	3-Nitroaniline	8.6	U	8.6	50	100	ug/L
83-32-9	Acenaphthene	19	U	19	25	50	ug/L
51-28-5	2,4-Dinitrophenol	19	U	19	50	100	ug/L
100-02-7	4-Nitrophenol	15	U	15	50	100	ug/L
132-64-9	Dibenzofuran	17	U	17	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	9.7	U	9.7	25	50	ug/L
84-66-2	Diethylphthalate	15	U	15	25	50	ug/L
86-73-7	Fluorene	20	U	20	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	19	U	19	25	50	ug/L
100-01-6	4-Nitroaniline	6	U	6	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	17	U	17	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	17	U	17	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	18	U	18	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	27	U	27	25	50	ug/L
118-74-1	Hexachlorobenzene	19	U	19	25	50	ug/L
1912-24-9	Atrazine	12	U	12	50	100	ug/L
87-86-5	Pentachlorophenol	17	U	17	50	100	ug/L
85-01-8	Phenanthrene	18	U	18	25	50	ug/L
608-93-5	Pentachlorobenzene	13	U	13	25	50	ug/L
120-12-7	Anthracene	17	U	17	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	7.5	U	7.5	25	50	ug/L
86-74-8	Carbazole	20	U	20	50	100	ug/L
84-74-2	Di-n-butylphthalate	17	U	17	25	50	ug/L
206-44-0	Fluoranthene	17	U	17	50	50	ug/L
129-00-0	Pyrene	17	U	17	25	50	ug/L
85-68-7	Butylbenzylphthalate	15	U	15	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	14	U	14	50	100	ug/L
56-55-3	Benzo(a)anthracene	15	U	15	25	50	ug/L
218-01-9	Chrysene	17	U	17	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	15	U	15	25	50	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0737	SDG No.:	BN032124
Lab Sample ID:	P1743-06	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
BN030444.D	10	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	13	U	13	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	16	U	16	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	22	U	22	25	50	ug/L
50-32-8	Benzo(a)pyrene	20	U	20	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	19	U	19	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	20	U	20	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19	U	19	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	18	U	18	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	24.09		15-120		30	SPK: -8
7291-22-7	Pyridine-d5	112.83		20-120		28	SPK: -40
4165-62-2	Phenol-d5	60.56		10-130		15	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	354.6		25-120		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	258.06		20-130		64	SPK: -40
190780-66-6	4-Methylphenol-d8	135.53		25-125		33	SPK: -40
4165-60-0	Nitrobenzene-d5	389.29		20-125		97	SPK: -40
93951-78-1	2-Nitrophenol-d4	379.33		20-130		94	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	324.89		20-120		81	SPK: -40
191656-33-4	4-Chloroaniline-d4	52.19		1-146		13	SPK: -40
85448-30-2	Dimethylphthalate-d6	379.04		25-130		94	SPK: -40
93951-97-4	Acenaphthylene-d8	296.51		10-130		74	SPK: -40
93951-79-2	4-Nitrophenol-d4	50.11		10-150		12	SPK: -40
81103-79-9	Fluorene-d10	381.35		25-125		95	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	290.45		10-130		72	SPK: -40
1719-06-8	Anthracene-d10	401.77		25-130		100	SPK: -40
1718-52-1	Pyrene-d10	412.84		15-130		103	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	414.88		20-130		103	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	304158	7.722				
1146-65-2	Naphthalene-d8	1317889	10.51				
15067-26-2	Acenaphthene-d10	889496	14.369				
1517-22-2	Phenanthrene-d10	1803075	17.116				

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0737	SDG No.:	BN032124
Lab Sample ID:	P1743-06	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
BN030444.D	10	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	1638418	21.357				
1520-96-3	Perylene-d12	1703238	24.321				
TENTATIVE IDENTIFIED COMPOUNDS							
000503-60-6	2-Butene, 1-chloro-3-methyl-	38	J			3.122	
000617-50-5	Propanoic acid, 2-methyl-, 1-methy	20	J			4.211	
000106-36-5	Propanoic acid, propyl ester	32	J			4.387	
001985-88-2	1,1-Dimethyl-3-chloropropanol	85	J			4.452	
000638-11-9	Isopropyl butyrate	45	J			4.84	
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	170	J			13.281	
	unknown-01	34	J			17.345	
E966796	Total Alkanes	19	U			99	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0737MS	SDG No.:	BN032124
Lab Sample ID:	P1743-07MS	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
BN030445.D	10	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	63		3.1	5	20	ug/L
100-52-7	Benzaldehyde	380		14	50	100	ug/L
110-86-1	Pyridine	140		8.5	100	100	ug/L
108-95-2	Phenol	90	J	17	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	380		15	50	100	ug/L
95-57-8	2-Chlorophenol	300		11	25	50	ug/L
95-48-7	2-Methylphenol	230		15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	370		14	50	100	ug/L
98-86-2	Acetophenone	390		21	50	100	ug/L
106-44-5	4-Methylphenol	200		16	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	370		14	25	50	ug/L
67-72-1	Hexachloroethane	350		8.9	25	50	ug/L
98-95-3	Nitrobenzene	390		13	25	50	ug/L
78-59-1	Isophorone	370		14	25	50	ug/L
88-75-5	2-Nitrophenol	400		14	25	50	ug/L
105-67-9	2,4-Dimethylphenol	270		7.2	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	370		14	25	50	ug/L
120-83-2	2,4-Dichlorophenol	350		14	25	50	ug/L
91-20-3	Naphthalene	370		15	25	50	ug/L
106-47-8	4-Chloroaniline	240		17	25	100	ug/L
87-68-3	Hexachlorobutadiene	360		11	25	50	ug/L
105-60-2	Caprolactam	60	J	13	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	320		14	25	50	ug/L
90-12-0	1-Methylnaphthalene	370		9.7	25	50	ug/L
91-57-6	2-Methylnaphthalene	380		15	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	270		14	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	360		19	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	370		17	25	50	ug/L
92-52-4	1,1-Biphenyl	370		19	25	50	ug/L
91-58-7	2-Chloronaphthalene	370		18	25	50	ug/L
88-74-4	2-Nitroaniline	430		12	25	50	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0737MS	SDG No.:	BN032124
Lab Sample ID:	P1743-07MS	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
BN030445.D	10	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	390		16	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	450		13	25	50	ug/L
208-96-8	Acenaphthylene	370		18	25	50	ug/L
99-09-2	3-Nitroaniline	400		8.6	50	100	ug/L
83-32-9	Acenaphthene	370		19	25	50	ug/L
51-28-5	2,4-Dinitrophenol	330		19	50	100	ug/L
100-02-7	4-Nitrophenol	93	J	15	50	100	ug/L
132-64-9	Dibenzofuran	380		17	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	450		9.7	25	50	ug/L
84-66-2	Diethylphthalate	390		15	25	50	ug/L
86-73-7	Fluorene	390		20	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	390		19	25	50	ug/L
100-01-6	4-Nitroaniline	470		6	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	400		17	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	400		17	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	370		18	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	440		27	25	50	ug/L
118-74-1	Hexachlorobenzene	420		19	25	50	ug/L
1912-24-9	Atrazine	190		12	50	100	ug/L
87-86-5	Pentachlorophenol	370		17	50	100	ug/L
85-01-8	Phenanthrene	420		18	25	50	ug/L
608-93-5	Pentachlorobenzene	400		13	25	50	ug/L
120-12-7	Anthracene	410		17	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	390		7.5	25	50	ug/L
86-74-8	Carbazole	440		20	50	100	ug/L
84-74-2	Di-n-butylphthalate	430		17	25	50	ug/L
206-44-0	Fluoranthene	400		17	50	50	ug/L
129-00-0	Pyrene	400		17	25	50	ug/L
85-68-7	Butylbenzylphthalate	440		15	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	410		14	50	100	ug/L
56-55-3	Benzo(a)anthracene	400		15	25	50	ug/L
218-01-9	Chrysene	410		17	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	430		15	25	50	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0737MS	SDG No.:	BN032124
Lab Sample ID:	P1743-07MS	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
BN030445.D	10	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	430		13	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	440		16	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	430		22	25	50	ug/L
50-32-8	Benzo(a)pyrene	430		20	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	440		19	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	440		20	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	430		19	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	370		18	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	28.31		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	131.73		20-120		32	SPK: -40
4165-62-2	Phenol-d5	79.66		10-130		19	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	352.9		25-120		88	SPK: -40
93951-73-6	2-Chlorophenol-d4	281.95		20-130		70	SPK: -40
190780-66-6	4-Methylphenol-d8	181.04		25-125		45	SPK: -40
4165-60-0	Nitrobenzene-d5	391.2		20-125		97	SPK: -40
93951-78-1	2-Nitrophenol-d4	394.6		20-130		98	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	338.81		20-120		84	SPK: -40
191656-33-4	4-Chloroaniline-d4	304.03		1-146		76	SPK: -40
85448-30-2	Dimethylphthalate-d6	373.2		25-130		93	SPK: -40
93951-97-4	Acenaphthylene-d8	362.93		10-130		90	SPK: -40
93951-79-2	4-Nitrophenol-d4	86.61		10-150		21	SPK: -40
81103-79-9	Fluorene-d10	370.81		25-125		92	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	385.18		10-130		96	SPK: -40
1719-06-8	Anthracene-d10	395.7		25-130		98	SPK: -40
1718-52-1	Pyrene-d10	389.2		15-130		97	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	426.15		20-130		106	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	331777	7.728				
1146-65-2	Naphthalene-d8	1471155	10.51				
15067-26-2	Acenaphthene-d10	937885	14.369				
1517-22-2	Phenanthrene-d10	1909495	17.116				



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Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0737MS	SDG No.:	BN032124
Lab Sample ID:	P1743-07MS	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Decanted :		Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030445.D	10	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	1758389	21.363				
1520-96-3	Perylene-d12	1781636	24.327				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	19	U			99	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0737MSD	SDG No.:	BN032124
Lab Sample ID:	P1743-08MSD	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
BN030446.D	10	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	68		3.1	5	20	ug/L
100-52-7	Benzaldehyde	410		14	50	100	ug/L
110-86-1	Pyridine	160		8.5	100	100	ug/L
108-95-2	Phenol	99	J	17	50	100	ug/L
111-44-4	Bis(2-Chloroethyl)ether	410		15	50	100	ug/L
95-57-8	2-Chlorophenol	330		11	25	50	ug/L
95-48-7	2-Methylphenol	250		15	50	100	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	400		14	50	100	ug/L
98-86-2	Acetophenone	420		21	50	100	ug/L
106-44-5	4-Methylphenol	210		16	50	100	ug/L
621-64-7	N-Nitroso-di-n-propylamine	410		14	25	50	ug/L
67-72-1	Hexachloroethane	390		8.9	25	50	ug/L
98-95-3	Nitrobenzene	430		13	25	50	ug/L
78-59-1	Isophorone	390		14	25	50	ug/L
88-75-5	2-Nitrophenol	440		14	25	50	ug/L
105-67-9	2,4-Dimethylphenol	290		7.2	25	50	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	400		14	25	50	ug/L
120-83-2	2,4-Dichlorophenol	380		14	25	50	ug/L
91-20-3	Naphthalene	400		15	25	50	ug/L
106-47-8	4-Chloroaniline	260		17	25	100	ug/L
87-68-3	Hexachlorobutadiene	390		11	25	50	ug/L
105-60-2	Caprolactam	68	J	13	50	100	ug/L
59-50-7	4-Chloro-3-methylphenol	350		14	25	50	ug/L
90-12-0	1-Methylnaphthalene	410		9.7	25	50	ug/L
91-57-6	2-Methylnaphthalene	410		15	25	50	ug/L
77-47-4	Hexachlorocyclopentadiene	300		14	50	100	ug/L
88-06-2	2,4,6-Trichlorophenol	390		19	25	50	ug/L
95-95-4	2,4,5-Trichlorophenol	410		17	25	50	ug/L
92-52-4	1,1-Biphenyl	400		19	25	50	ug/L
91-58-7	2-Chloronaphthalene	400		18	25	50	ug/L
88-74-4	2-Nitroaniline	480		12	25	50	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0737MSD	SDG No.:	BN032124
Lab Sample ID:	P1743-08MSD	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
BN030446.D	10	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	430		16	25	50	ug/L
606-20-2	2,6-Dinitrotoluene	500		13	25	50	ug/L
208-96-8	Acenaphthylene	400		18	25	50	ug/L
99-09-2	3-Nitroaniline	440		8.6	50	100	ug/L
83-32-9	Acenaphthene	410		19	25	50	ug/L
51-28-5	2,4-Dinitrophenol	370		19	50	100	ug/L
100-02-7	4-Nitrophenol	110		15	50	100	ug/L
132-64-9	Dibenzofuran	410		17	25	50	ug/L
121-14-2	2,4-Dinitrotoluene	510		9.7	25	50	ug/L
84-66-2	Diethylphthalate	440		15	25	50	ug/L
86-73-7	Fluorene	420		20	25	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	420		19	25	50	ug/L
100-01-6	4-Nitroaniline	510		6	50	100	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	440		17	50	100	ug/L
86-30-6	N-Nitrosodiphenylamine	440		17	25	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	400		18	25	50	ug/L
101-55-3	4-Bromophenyl-phenylether	460		27	25	50	ug/L
118-74-1	Hexachlorobenzene	470		19	25	50	ug/L
1912-24-9	Atrazine	210		12	50	100	ug/L
87-86-5	Pentachlorophenol	410		17	50	100	ug/L
85-01-8	Phenanthrene	450		18	25	50	ug/L
608-93-5	Pentachlorobenzene	440		13	25	50	ug/L
120-12-7	Anthracene	450		17	25	50	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	420		7.5	25	50	ug/L
86-74-8	Carbazole	480		20	50	100	ug/L
84-74-2	Di-n-butylphthalate	480		17	25	50	ug/L
206-44-0	Fluoranthene	450		17	50	50	ug/L
129-00-0	Pyrene	440		17	25	50	ug/L
85-68-7	Butylbenzylphthalate	500		15	25	50	ug/L
91-94-1	3,3-Dichlorobenzidine	460		14	50	100	ug/L
56-55-3	Benzo(a)anthracene	440		15	25	50	ug/L
218-01-9	Chrysene	450		17	25	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	490		15	25	50	ug/L

Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0737MSD	SDG No.:	BN032124
Lab Sample ID:	P1743-08MSD	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
BN030446.D	10	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	480		13	50	100	ug/L
205-99-2	Benzo(b)fluoranthene	470		16	25	50	ug/L
207-08-9	Benzo(k)fluoranthene	460		22	25	50	ug/L
50-32-8	Benzo(a)pyrene	480		20	25	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	470		19	25	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	480		20	25	50	ug/L
191-24-2	Benzo(g,h,i)perylene	470		19	25	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	430		18	25	50	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	28.03		15-120		35	SPK: -8
7291-22-7	Pyridine-d5	142.6		20-120		35	SPK: -40
4165-62-2	Phenol-d5	87.11		10-130		21	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	385.95		25-120		96	SPK: -40
93951-73-6	2-Chlorophenol-d4	311.69		20-130		77	SPK: -40
190780-66-6	4-Methylphenol-d8	199.23		25-125		49	SPK: -40
4165-60-0	Nitrobenzene-d5	423.79		20-125		105	SPK: -40
93951-78-1	2-Nitrophenol-d4	433.48		20-130		108	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	365.87		20-120		91	SPK: -40
191656-33-4	4-Chloroaniline-d4	326.63		1-146		81	SPK: -40
85448-30-2	Dimethylphthalate-d6	412.15		25-130		103	SPK: -40
93951-97-4	Acenaphthylene-d8	393.01		10-130		98	SPK: -40
93951-79-2	4-Nitrophenol-d4	97.42		10-150		24	SPK: -40
81103-79-9	Fluorene-d10	405.49		25-125		101	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	430.76		10-130		107	SPK: -40
1719-06-8	Anthracene-d10	430.22		25-130		107	SPK: -40
1718-52-1	Pyrene-d10	444.51		15-130		111	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	456.02		20-130		114	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	314190	7.728				
1146-65-2	Naphthalene-d8	1409135	10.516				
15067-26-2	Acenaphthene-d10	892562	14.369				
1517-22-2	Phenanthrene-d10	1834080	17.116				



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Report of Analysis

Client:		Date Collected:	3/12/2024 12:00:00 AM
Project:		Date Received:	3/12/2024 12:00:00 AM
Client Sample ID:	E0737MSD	SDG No.:	BN032124
Lab Sample ID:	P1743-08MSD	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
BN030446.D	10	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	1640629	21.362				
1520-96-3	Perylene-d12	1713793	24.327				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	19	U			99	ug/L

Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	SLCS692	SDG No.:	BN032124
Lab Sample ID:	PB159692BS	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
BN030447.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
123-91-1	1,4-Dioxane	13		0.31	0.5	2	ug/L
100-52-7	Benzaldehyde	32		1.4	5	10	ug/L
110-86-1	Pyridine	33		0.85	10	10	ug/L
108-95-2	Phenol	36		1.7	5	10	ug/L
111-44-4	Bis(2-Chloroethyl)ether	35		1.5	5	10	ug/L
95-57-8	2-Chlorophenol	36		1.1	2.5	5	ug/L
95-48-7	2-Methylphenol	36		1.5	5	10	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	34		1.4	5	10	ug/L
98-86-2	Acetophenone	36		2.1	5	10	ug/L
106-44-5	4-Methylphenol	36		1.6	5	10	ug/L
621-64-7	N-Nitroso-di-n-propylamine	35		1.4	2.5	5	ug/L
67-72-1	Hexachloroethane	35		0.89	2.5	5	ug/L
98-95-3	Nitrobenzene	37		1.3	2.5	5	ug/L
78-59-1	Isophorone	35		1.4	2.5	5	ug/L
88-75-5	2-Nitrophenol	39		1.4	2.5	5	ug/L
105-67-9	2,4-Dimethylphenol	35		0.72	2.5	5	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	35		1.4	2.5	5	ug/L
120-83-2	2,4-Dichlorophenol	36		1.4	2.5	5	ug/L
91-20-3	Naphthalene	35		1.5	2.5	5	ug/L
106-47-8	4-Chloroaniline	23		1.7	2.5	10	ug/L
87-68-3	Hexachlorobutadiene	35		1.1	2.5	5	ug/L
105-60-2	Caprolactam	38		1.3	5	10	ug/L
59-50-7	4-Chloro-3-methylphenol	37		1.4	2.5	5	ug/L
90-12-0	1-Methylnaphthalene	35		0.97	2.5	5	ug/L
91-57-6	2-Methylnaphthalene	35		1.5	2.5	5	ug/L
77-47-4	Hexachlorocyclopentadiene	30		1.4	5	10	ug/L
88-06-2	2,4,6-Trichlorophenol	34		1.9	2.5	5	ug/L
95-95-4	2,4,5-Trichlorophenol	35		1.7	2.5	5	ug/L
92-52-4	1,1-Biphenyl	34		1.9	2.5	5	ug/L
91-58-7	2-Chloronaphthalene	34		1.8	2.5	5	ug/L
88-74-4	2-Nitroaniline	39		1.2	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	SLCS692	SDG No.:	BN032124
Lab Sample ID:	PB159692BS	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
BN030447.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	35		1.6	2.5	5	ug/L
606-20-2	2,6-Dinitrotoluene	40		1.3	2.5	5	ug/L
208-96-8	Acenaphthylene	35		1.8	2.5	5	ug/L
99-09-2	3-Nitroaniline	35		0.86	5	10	ug/L
83-32-9	Acenaphthene	34		1.9	2.5	5	ug/L
51-28-5	2,4-Dinitrophenol	29		1.9	5	10	ug/L
100-02-7	4-Nitrophenol	36		1.5	5	10	ug/L
132-64-9	Dibenzofuran	35		1.7	2.5	5	ug/L
121-14-2	2,4-Dinitrotoluene	41		0.97	2.5	5	ug/L
84-66-2	Diethylphthalate	35		1.5	2.5	5	ug/L
86-73-7	Fluorene	36		2	2.5	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	35		1.9	2.5	5	ug/L
100-01-6	4-Nitroaniline	43		0.6	5	10	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	35		1.7	5	10	ug/L
86-30-6	N-Nitrosodiphenylamine	36		1.7	2.5	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	35		1.8	2.5	5	ug/L
101-55-3	4-Bromophenyl-phenylether	38		2.7	2.5	5	ug/L
118-74-1	Hexachlorobenzene	36		1.9	2.5	5	ug/L
1912-24-9	Atrazine	15		1.2	5	10	ug/L
87-86-5	Pentachlorophenol	33		1.7	5	10	ug/L
85-01-8	Phenanthrene	36		1.8	2.5	5	ug/L
608-93-5	Pentachlorobenzene	35		1.3	2.5	5	ug/L
120-12-7	Anthracene	37		1.7	2.5	5	ug/L
634-66-2	1,2,3,4-Tetrachlorobenzene	37		0.75	2.5	5	ug/L
86-74-8	Carbazole	38		2	5	10	ug/L
84-74-2	Di-n-butylphthalate	37		1.7	2.5	5	ug/L
206-44-0	Fluoranthene	36		1.7	5	5	ug/L
129-00-0	Pyrene	36		1.7	2.5	5	ug/L
85-68-7	Butylbenzylphthalate	40		1.5	2.5	5	ug/L
91-94-1	3,3-Dichlorobenzidine	36		1.4	5	10	ug/L
56-55-3	Benzo(a)anthracene	37		1.5	2.5	5	ug/L
218-01-9	Chrysene	37		1.7	2.5	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	39		1.5	2.5	5	ug/L

Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	SLCS692	SDG No.:	BN032124
Lab Sample ID:	PB159692BS	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
BN030447.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	37		1.3	5	10	ug/L
205-99-2	Benzo(b)fluoranthene	36		1.6	2.5	5	ug/L
207-08-9	Benzo(k)fluoranthene	37		2.2	2.5	5	ug/L
50-32-8	Benzo(a)pyrene	37		2	2.5	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	38		1.9	2.5	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	38		2	2.5	5	ug/L
191-24-2	Benzo(g,h,i)perylene	38		1.9	2.5	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	33		1.8	2.5	5	ug/L
SURROGATES							
17647-74-4	1,4-Dioxane-d8	6.65		15-120		83	SPK: -8
7291-22-7	Pyridine-d5	34.103		20-120		85	SPK: -40
4165-62-2	Phenol-d5	35		10-130		88	SPK: -40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	34.364		25-120		86	SPK: -40
93951-73-6	2-Chlorophenol-d4	35.936		20-130		90	SPK: -40
190780-66-6	4-Methylphenol-d8	35.429		25-125		89	SPK: -40
4165-60-0	Nitrobenzene-d5	38.043		20-125		95	SPK: -40
93951-78-1	2-Nitrophenol-d4	39.909		20-130		100	SPK: -40
93951-74-7	2,4-Dichlorophenol-d3	36.838		20-120		92	SPK: -40
191656-33-4	4-Chloroaniline-d4	31.534		1-146		79	SPK: -40
85448-30-2	Dimethylphthalate-d6	34.008		25-130		85	SPK: -40
93951-97-4	Acenaphthylene-d8	34.637		10-130		87	SPK: -40
93951-79-2	4-Nitrophenol-d4	36.178		10-150		90	SPK: -40
81103-79-9	Fluorene-d10	34.845		25-125		87	SPK: -40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	33.963		10-130		85	SPK: -40
1719-06-8	Anthracene-d10	36.262		25-130		91	SPK: -40
1718-52-1	Pyrene-d10	35.92		15-130		90	SPK: -40
63466-71-7	Benzo(a)pyrene-d12	37.4		20-130		94	SPK: -40
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	320106	7.728				
1146-65-2	Naphthalene-d8	1428458	10.516				
15067-26-2	Acenaphthene-d10	914525	14.369				
1517-22-2	Phenanthrene-d10	1875185	17.116				



284 Sheffield Street, Mountainside NJ 07092 (908)-789-8900 Fax : 908 789 8922

Report of Analysis

Client:		Date Collected:	3/20/2024 12:00:00 AM
Project:		Date Received:	3/20/2024 12:00:00 AM
Client Sample ID:	SLCS692	SDG No.:	BN032124
Lab Sample ID:	PB159692BS	Matrix:	water
Analytical Method:	SFAM_SVOC	% Moisture:	100
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
			uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BN030447.D	1	3/20/2024 12:00:00 AM	3/21/2024 12:00:00 AM	PB159692

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
1719-03-5	Chrysene-d12	1677160	21.357				
1520-96-3	Perylene-d12	1792194	24.327				
TENTATIVE IDENTIFIED COMPOUNDS							
E966796	Total Alkanes	1.9	U			99	ug/L

Hit Summary Sheet

SW-846

SDG No.: BN032124

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : E0732								
P1743-05	E0732	water	2,4,7,9-Tetramethyl-5-decyn-4,7-c *	48.000	J			
P1743-05	E0732	water	Isopropyl butyrate *	39.000	J			
P1743-05	E0732	water	Propanoic acid, propyl ester *	23.000	J			
P1743-05	E0732	water	Total Alkanes *	0.000	D 19		50	ug/L
Total Tics :				110.00				
Total Concentration:				110.00				
Client ID : E0737								
P1743-06	E0737	water	1,1-Dimethyl-3-chloropropanol *	85.000	J			
P1743-06	E0737	water	2,4,7,9-Tetramethyl-5-decyn-4,7-c *	170.000	J			
P1743-06	E0737	water	2-Butene, 1-chloro-3-methyl- *	38.000	J			
P1743-06	E0737	water	Isopropyl butyrate *	45.000	J			
P1743-06	E0737	water	Propanoic acid, 2-methyl-, 1-meth *	20.000	J			
P1743-06	E0737	water	Propanoic acid, propyl ester *	32.000	J			
P1743-06	E0737	water	unknown-01 *	34.000	J			
P1743-06	E0737	water	Total Alkanes *	0.000	D 19		50	ug/L
Total Tics :				424.00				
Total Concentration:				424.00				
Client ID : SLEB672								
PB159672TB	SLEB672	water	Total Alkanes *	0.000	D 19		50	ug/L
Total Tics :				0.00				
Total Concentration:				0.00				



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BN032024

SAS No.: BN032024

SDG No.: BN032024

Instrument ID:

Calibration Date(s): 3/20/2024

Calibration Time(s): 16:29

LAB FILE ID: RRFAL1 = BN030432.D RRFAL2 = BN030433.D RRFAL3 = BN030434.D								
RRFAL4 = BN030435.D RRFAL5 = BN030436.D RRFAL6 = BN030437.D								
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
1,4-Dioxane	0.537	0.548	0.553	0.585	0.582		0.561	3.9
Benzaldehyde		0.998	1.119	1.001	0.820	0.620	0.911	21.4
Pyridine		1.494	1.574	1.678	1.651	1.597	1.599	4.5
Hexachloroethane	0.562	0.572	0.607	0.650	0.649		0.608	6.8
Nitrobenzene	0.334	0.369	0.396	0.423	0.412		0.387	9.3
Isophorone	0.785	0.814	0.842	0.874	0.837		0.830	4.0
2-Nitrophenol	0.115	0.137	0.163	0.186	0.196		0.160	21.3
2,4-Dimethylphenol	0.333	0.353	0.372	0.402	0.388		0.370	7.4
Bis(2-Chloroethoxy)methane	0.474	0.487	0.503	0.524	0.507		0.499	3.8
2,4-Dichlorophenol	0.270	0.293	0.310	0.331	0.324		0.305	8.0
Naphthalene	1.090	1.131	1.152	1.190	1.128		1.138	3.2
4-Chloroaniline		0.480	0.494	0.517	0.484	0.425	0.480	7.0
Hexachlorobutadiene	0.176	0.185	0.186	0.195	0.192		0.187	3.9
Phenol		1.791	1.948	2.076	2.087	2.008	1.982	6.1
Caprolactam		0.108	0.120	0.127	0.124	0.120	0.120	5.9
4-Chloro-3-methylphenol	0.319	0.343	0.365	0.390	0.381		0.360	8.0
1-Methylnaphthalene	0.735	0.752	0.769	0.795	0.750		0.760	3.0
2-Methylnaphthalene	0.744	0.768	0.785	0.803	0.764		0.773	2.9
Hexachlorocyclopentadiene		0.291	0.308	0.363	0.378	0.359	0.340	11.1
2,4,6-Trichlorophenol	0.321	0.357	0.371	0.417	0.429		0.379	11.7
2,4,5-Trichlorophenol	0.338	0.385	0.404	0.464	0.465		0.411	13.2
1,1-Biphenyl	1.542	1.589	1.588	1.680	1.592		1.598	3.2
2-Chloronaphthalene	1.214	1.256	1.236	1.318	1.285		1.262	3.2
2-Nitroaniline	0.244	0.288	0.330	0.388	0.400		0.330	20.1
Bis(2-Chloroethyl)ether		1.531	1.618	1.699	1.665	1.572	1.617	4.2
Dimethylphthalate	1.527	1.583	1.567	1.669	1.611		1.591	3.3
2,6-Dinitrotoluene	0.192	0.234	0.271	0.327	0.342		0.273	23.0
Acenaphthylene	2.013	2.153	2.110	2.188	2.071		2.107	3.3
3-Nitroaniline		0.268	0.305	0.341	0.339	0.323	0.315	9.6
Acenaphthene	1.331	1.384	1.367	1.445	1.350		1.376	3.2
2,4-Dinitrophenol		0.064	0.085	0.120	0.156	0.188	0.123	41.3
4-Nitrophenol		0.213	0.219	0.245	0.242	0.225	0.229	6.1
Dibenzofuran	1.795	1.874	1.823	1.938	1.860		1.858	2.9
2,4-Dinitrotoluene	0.277	0.341	0.399	0.477	0.492		0.397	22.9
Diethylphthalate	1.517	1.604	1.589	1.717	1.649		1.615	4.6
2-Chlorophenol	1.338	1.389	1.491	1.584	1.605		1.482	7.9

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BN032024

SAS No.: BN032024

SDG No.: BN032024

Instrument ID:

Calibration Date(s): 3/20/2024

Calibration Time(s): 16:29

LAB FILE ID:		RRFAL1 = BN030432.D		RRFAL2 = BN030433.D		RRFAL3 = BN030434.D		
		RRFAL4 = BN030435.D		RRFAL5 = BN030436.D		RRFAL6 = BN030437.D		
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Fluorene	1.505	1.562	1.508	1.535	1.364		1.495	5.1
4-Chlorophenyl-phenylether	0.712	0.742	0.715	0.740	0.680		0.718	3.5
4-Nitroaniline		0.273	0.310	0.334	0.320	0.282	0.304	8.5
4,6-Dinitro-2-methylphenol		0.062	0.087	0.112	0.124	0.131	0.103	27.4
N-Nitrosodiphenylamine	0.583	0.617	0.647	0.664	0.610		0.624	5.1
1,2,4,5-Tetrachlorobenzene	0.562	0.599	0.594	0.634	0.624		0.602	4.7
4-Bromophenyl-phenylether	0.185	0.197	0.209	0.219	0.220		0.206	7.2
Hexachlorobenzene	0.228	0.240	0.250	0.259	0.254		0.246	5.1
Atrazine		0.207	0.216	0.223	0.191	0.168	0.201	10.9
Pentachlorophenol		0.124	0.147	0.163	0.166	0.159	0.152	11.1
2-Methylphenol		1.363	1.468	1.555	1.592	1.514	1.498	5.9
Phenanthrene	1.106	1.141	1.162	1.199	1.079		1.137	4.1
Pentachlorobenzene	0.257	0.272	0.283	0.291	0.279		0.276	4.7
Anthracene	1.103	1.173	1.199	1.217	1.082		1.155	5.1
1,2,3,4-Tetrachlorobenzene	0.254	0.272	0.283	0.304	0.290		0.281	6.7
Carbazole		1.058	1.095	1.134	1.020	0.817	1.025	12.1
Di-n-butylphthalate	1.175	1.258	1.335	1.403	1.272		1.289	6.6
Fluoranthene	1.339	1.402	1.515	1.579	1.546		1.476	6.9
Pyrene	1.422	1.491	1.577	1.606	1.530		1.525	4.8
Butylbenzylphthalate	0.429	0.503	0.600	0.693	0.710		0.587	20.6
3,3-Dichlorobenzidine		0.395	0.458	0.503	0.469	0.427	0.450	9.1
2,2-oxybis (1-Chloropropane)		2.039	2.136	2.227	2.196	2.049	2.129	4.0
Benzo (a) anthracene	1.410	1.439	1.505	1.582	1.505		1.488	4.5
Chrysene	1.324	1.312	1.417	1.471	1.352		1.375	4.9
Bis (2-ethylhexyl) phthalate	0.698	0.809	0.934	1.034	1.023		0.899	16.1
Di-n-octyl phthalate		1.086	1.426	1.608	1.774	1.425	1.464	17.5
Benzo (b) fluoranthene	1.150	1.230	1.367	1.429	1.444		1.324	9.7
Benzo (k) fluoranthene	1.178	1.260	1.391	1.419	1.439		1.337	8.5
Benzo (a) pyrene	1.081	1.144	1.284	1.358	1.327		1.239	9.7
Indeno (1,2,3-cd) pyrene	1.184	1.248	1.354	1.469	1.416		1.334	8.8
Dibenzo (a,h) anthracene	0.983	1.066	1.123	1.215	1.186		1.115	8.4
Benzo (g,h,i) perylene	0.928	0.999	1.075	1.152	1.109		1.053	8.5
Acetophenone		2.339	2.450	2.535	2.429	2.228	2.396	4.9
2,3,4,6-Tetrachlorophenol	0.277	0.313	0.331	0.385	0.384		0.338	13.8
1,4-Dioxane-d8	0.521	0.547	0.533	0.569	0.560		0.546	3.6
Pyridine-d5		1.469	1.526	1.656	1.649	1.611	1.582	5.2

All other compounds must meet a minimum RRF of 0.010.



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN032024

SAS No.: BN032024

SDG No.: BN032024

Instrument ID: _____

Calibration Date(s): 3/20/2024 : _____

Calibration Time(s): 16:29 _____

LAB FILE ID:		RRFAL1 = BN030432.D			RRFAL2 = BN030433.D		RRFAL3 = BN030434.D	
		RRFAL4 = BN030435.D			RRFAL5 = BN030436.D		RRFAL6 = BN030437.D	
COMPOUND	RRFAL1	RRFAL2	RRFAL3	RRFAL4	RRFAL5	RRFAL6	RRF	% RSD
Phenol-d5		1.749	1.886	2.042	2.066	2.030	1.955	6.9
Bis-(2-Chloroethyl) ether-d8		1.125	1.176	1.232	1.222	1.163	1.184	3.7
2-Chlorophenol-d4	1.289	1.316	1.438	1.536	1.555		1.427	8.6
4-Methylphenol-d8		1.345	1.483	1.609	1.622	1.589	1.530	7.6
Nitrobenzene-d5	0.125	0.138	0.155	0.172	0.174		0.153	14.1
2-Nitrophenol-d4	0.096	0.108	0.133	0.162	0.177		0.135	25.4
2,4-Dichlorophenol-d3	0.258	0.286	0.312	0.338	0.335		0.306	11.2
4-Chloroaniline-d4		0.497	0.507	0.527	0.506	0.455	0.498	5.4
4-Methylphenol		1.474	1.585	1.706	1.701	1.662	1.626	6.0
Dimethylphthalate-d6	1.477	1.544	1.539	1.666	1.610		1.567	4.6
Acenaphthylene-d8	1.695	1.836	1.810	1.929	1.860		1.826	4.7
4-Nitrophenol-d4		0.243	0.273	0.322	0.331	0.312	0.296	12.6
Fluorene-d10	1.277	1.346	1.325	1.390	1.337		1.335	3.0
4,6-Dinitro-2-methylphenol		0.051	0.071	0.096	0.109	0.118	0.089	30.9
Anthracene-d10	0.917	0.978	0.990	1.046	0.927		0.971	5.4
Pyrene-d10	1.110	1.185	1.278	1.276	1.278		1.226	6.2
Benzo(a)pyrene-d12	0.901	0.969	1.107	1.164	1.167		1.061	11.3
N-Nitroso-di-n-propylamine	1.185	1.216	1.279	1.327	1.256		1.253	4.4

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN032124 SAS No.: BN032124 SDG NO.: BN032124

EPA Sample No.: SSTD020248 Date Analyzed: Mar 21 2024 12:00AM

Lab File ID: BN030434.D Time Analyzed: 11:00

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	423512	7.728	1.86377e+00	10.52	1.18125e+00	14.37
UPPER LIMIT	847024	8.228	3727540	11.016	2362500	14.869
LOWER LIMIT	211756	7.228	931885	10.016	590625	13.869
EPA SAMPLE NO.						
01 SBLK692	322064	7.72	1.39963e	10.51	915201	14.37
02 SLEB672	335790	7.72	1.46867e	10.51	977019	14.37
03 E0732	410352	7.73	1.79093e	10.51	1.16701e	14.37
04 E0737	304158	7.72	1.31789e	10.51	889496	14.37
05 E0737MS	331777	7.73	1.47116e	10.51	937885	14.37
06 E0737MSD	314190	7.73	1.40914e	10.52	892562	14.37
07 SLCS692	320106	7.73	1.42846e	10.52	914525	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: CHEMTECHLab Code: CHEM Case No.: BN032124 SAS No.: BN032124 SDG NO.: BN032124EPA Sample No.: SSTD020327 Date Analyzed: Mar 21 2024 12:00AMLab File ID: BN030440.D Time Analyzed: 11:00Instrument ID: BNA_N GC Column: ZB-GR ID: 0.25 (mm)

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	470977	7.728	2.14002e+01	10.51	1.35994e+001	14.37
UPPER LIMIT	941954	8.228	4280040	11.01	2719880	14.869
LOWER LIMIT	235488.5	7.228	1070010	10.01	679970	13.869
EPA SAMPLE NO.						
01 SBLK692	322064	7.72	1.39963e	10.51	915201	14.37
02 SLEB672	335790	7.72	1.46867e	10.51	977019	14.37
03 E0732	410352	7.73	1.79093e	10.51	1.16701e	14.37
04 E0737	304158	7.72	1.31789e	10.51	889496	14.37
05 E0737MS	331777	7.73	1.47116e	10.51	937885	14.37
06 E0737MSD	314190	7.73	1.40914e	10.52	892562	14.37
07 SLCS692	320106	7.73	1.42846e	10.52	914525	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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN032124 SAS No.: BN032124 SDG NO.: BN032124

EPA Sample No.: SSTD020248 Date Analyzed: Mar 21 2024 12:00AM

Lab File ID: BN030434.D Time Analyzed: 11:00

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	2.40682e+04	17.116	2.0954e+04	21.363	2.11432e+04	24.327
UPPER LIMIT	4813640	17.616	4190800	21.863	4228640	24.827
LOWER LIMIT	1203410	16.616	1047700	20.863	1057160	23.827
EPA SAMPLE NO.						
01 SBLK692	1.88051	17.12	1.65837e+	21.36	1.78045e+	24.33
02 SLEB672	2.02429	17.12	1.72494e+	21.36	1.87516e+	24.32
03 E0732	2.47443	17.12	2.25304e+	21.36	2.34728e+	24.32
04 E0737	1.80308	17.12	1.63842e+	21.36	1.70324e+	24.32
05 E0737MS	1.9095e	17.12	1.75839e+	21.36	1.78164e+	24.33
06 E0737MSD	1.83408	17.12	1.64063e+	21.36	1.71379e+	24.33
07 SLCS692	1.87519	17.12	1.67716e+	21.36	1.79219e+	24.33

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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BN032124 SAS No.: BN032124 SDG NO.: BN032124

EPA Sample No.: SSTD020327 Date Analyzed: Mar 21 2024 12:00AM

Lab File ID: BN030440.D Time Analyzed: 11:00

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	2.71541e+04	17.116	2.35185e+	21.363	2.3233e+00	24.333
UPPER LIMIT	5430820	17.616	4703700	21.863	4646600	24.833
LOWER LIMIT	1357705	16.616	1175925	20.863	1161650	23.833
EPA SAMPLE NO.						
01 SBLK692	1.88051	17.12	1.65837e+	21.36	1.78045e+	24.33
02 SLEB672	2.02429	17.12	1.72494e+	21.36	1.87516e+	24.32
03 E0732	2.47443	17.12	2.25304e+	21.36	2.34728e+	24.32
04 E0737	1.80308	17.12	1.63842e+	21.36	1.70324e+	24.32
05 E0737MS	1.9095e	17.12	1.75839e+	21.36	1.78164e+	24.33
06 E0737MSD	1.83408	17.12	1.64063e+	21.36	1.71379e+	24.33
07 SLCS692	1.87519	17.12	1.67716e+	21.36	1.79219e+	24.33

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.: BN032124

Client: _____

Analytical Method: SFAM_SVOC

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB159692BS	1,4-Dioxane	16	13	ug/L	81				0	0		
	Benzaldehyde	40	32	ug/L	80				0	0		
	Pyridine	40	33	ug/L	83				0	0		
	Phenol	40	36	ug/L	90				0	0		
	Bis(2-chloroethyl)ether	40	35	ug/L	88				0	0		
	2-Chlorophenol	40	36	ug/L	90				0	0		
	2-Methylphenol	40	36	ug/L	90				0	0		
	2,2-oxybis(1-Chloropropane)	40	34	ug/L	85				0	0		
	Acetophenone	40	36	ug/L	90				0	0		
	4-Methylphenol	40	36	ug/L	90				0	0		
	N-Nitroso-di-n-propylamine	40	35	ug/L	88				0	0		
	Hexachloroethane	40	35	ug/L	88				0	0		
	Nitrobenzene	40	37	ug/L	93				0	0		
	Isophorone	40	35	ug/L	88				0	0		
	2-Nitrophenol	40	39	ug/L	98				0	0		
	2,4-Dimethylphenol	40	35	ug/L	88				0	0		
	Bis(2-chloroethoxy)methane	40	35	ug/L	88				0	0		
	2,4-Dichlorophenol	40	36	ug/L	90				0	0		
	Naphthalene	40	35	ug/L	88				0	0		
	4-Chloroaniline	40	23	ug/L	58				0	0		
	Hexachlorobutadiene	40	35	ug/L	88				0	0		
	Caprolactam	40	38	ug/L	95				0	0		
	4-Chloro-3-methylphenol	40	37	ug/L	93				0	0		
	1-Methylnaphthalene	40	35	ug/L	88				0	0		
	2-Methylnaphthalene	40	35	ug/L	88				0	0		
	Hexachlorocyclopentadiene	40	30	ug/L	75				0	0		
	2,4,6-Trichlorophenol	40	34	ug/L	85				0	0		
	2,4,5-Trichlorophenol	40	35	ug/L	88				0	0		
	1,1'-Biphenyl	40	34	ug/L	85				0	0		
	2-Chloronaphthalene	40	34	ug/L	85				0	0		
	2-Nitroaniline	40	39	ug/L	98				0	0		
	Dimethylphthalate	40	35	ug/L	88				0	0		
	2,6-Dinitrotoluene	40	40	ug/L	100				0	0		
	Acenaphthylene	40	35	ug/L	88				0	0		
	3-Nitroaniline	40	35	ug/L	88				0	0		
	Acenaphthene	40	34	ug/L	85				0	0		
	2,4-Dinitrophenol	40	29	ug/L	73				0	0		
	4-Nitrophenol	40	36	ug/L	90				0	0		
	Dibenzofuran	40	35	ug/L	88				0	0		
	2,4-Dinitrotoluene	40	41	ug/L	103				0	0		
	Diethylphthalate	40	35	ug/L	88				0	0		
	Fluorene	40	36	ug/L	90				0	0		
	4-Chlorophenyl-phenylether	40	35	ug/L	88				0	0		
	4-Nitroaniline	40	43	ug/L	108				0	0		
	4,6-Dinitro-2-methylphenol	40	35	ug/L	88				0	0		
	N-Nitrosodiphenylamine	40	36	ug/L	90				0	0		



Laboratory Control Sample/Laboratory Control Sample Duplicate Summary
SW-846

SDG No.: BN032124

Client:

Analytical Method: SFAM_SVOC

DataFile:

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159692BS	1,2,4,5-Tetrachlorobenzene	40	35	ug/L	88				0	0	
	4-Bromophenyl-phenylether	40	38	ug/L	95				0	0	
	Hexachlorobenzene	40	36	ug/L	90				0	0	
	Atrazine	40	15	ug/L	38				0	0	
	Pentachlorophenol	40	33	ug/L	83				0	0	
	Phenanthrene	40	36	ug/L	90				0	0	
	Pentachlorobenzene	40	35	ug/L	88				0	0	
	Anthracene	40	37	ug/L	93				0	0	
	1,2,3,4-Tetrachlorobenzene	40	37	ug/L	93				0	0	
	Carbazole	40	38	ug/L	95				0	0	
	Di-n-butylphthalate	40	37	ug/L	93				0	0	
	Fluoranthene	40	36	ug/L	90				0	0	
	Pyrene	40	36	ug/L	90				0	0	
	Butylbenzylphthalate	40	40	ug/L	100				0	0	
	3,3'-Dichlorobenzidine	40	36	ug/L	90				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	39	ug/L	98				0	0	
	Di-n-octylphthalate	40	37	ug/L	93				0	0	
	Benzo(b)fluoranthene	40	36	ug/L	90				0	0	
	Benzo(k)fluoranthene	40	37	ug/L	93				0	0	
	Benzo(a)pyrene	40	37	ug/L	93				0	0	
	Indeno(1,2,3-cd)pyrene	40	38	ug/L	95				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	33	ug/L	83				0	0	



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

SBLK692

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BN032124SAS No.: BN032124 SDG NO.: BN032124Lab File ID: BN030441.DLab Sample ID: PB159692BLInstrument ID: BNA_NDate Extracted: 03/20/2024Matrix: (soil/water) waterDate Analyzed: 03/21/2024Level: (low/med) LOWTime Analyzed: 11:00

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159672TB	PB159672TB	BN030442.D	03/21/2024
E0732	P1743-05	BN030443.D	03/21/2024
E0737	P1743-06	BN030444.D	03/21/2024
E0737MS	P1743-07MS	BN030445.D	03/21/2024
E0737MSD	P1743-08MSD	BN030446.D	03/21/2024
PB159692BS	PB159692BS	BN030447.D	03/21/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BN032124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1743-07MS	Client Sample ID:	E0737MS					DataFile:	BN030445.D		
1,4-Dioxane	160		63	ug/L	39				15	120	
Benzaldehyde	400		380	ug/L	95				0	0	
Pyridine	400		140	ug/L	35				0	0	
Phenol	400		90	ug/L	23				12	110	
Bis(2-chloroethyl)ether	400		380	ug/L	95				0	0	
2-Chlorophenol	400		300	ug/L	75				27	123	
2-Methylphenol	400		230	ug/L	58				0	0	
2,2-oxybis(1-Chloropropane)	400		370	ug/L	93				0	0	
Acetophenone	400		390	ug/L	98				0	0	
4-Methylphenol	400		200	ug/L	50				0	0	
N-Nitroso-di-n-propylamine	400		370	ug/L	93				41	116	
Hexachloroethane	400		350	ug/L	88				0	0	
Nitrobenzene	400		390	ug/L	98				0	0	
Isophorone	400		370	ug/L	93				0	0	
2-Nitrophenol	400		400	ug/L	100				0	0	
2,4-Dimethylphenol	400		270	ug/L	68				0	0	
Bis(2-chloroethoxy)methane	400		370	ug/L	93				0	0	
2,4-Dichlorophenol	400		350	ug/L	88				0	0	
Naphthalene	400		370	ug/L	93				0	0	
4-Chloroaniline	400		240	ug/L	60				0	0	
Hexachlorobutadiene	400		360	ug/L	90				0	0	
Caprolactam	400		60	ug/L	15				0	0	
4-Chloro-3-methylphenol	400		320	ug/L	80				23	97	
1-Methylnaphthalene	400		370	ug/L	93				0	0	
2-Methylnaphthalene	400		380	ug/L	95				0	0	
Hexachlorocyclopentadiene	400		270	ug/L	68				0	0	
2,4,6-Trichlorophenol	400		360	ug/L	90				0	0	
2,4,5-Trichlorophenol	400		370	ug/L	93				0	0	
1,1'-Biphenyl	400		370	ug/L	93				0	0	
2-Chloronaphthalene	400		370	ug/L	93				0	0	
2-Nitroaniline	400		430	ug/L	108				0	0	
Dimethylphthalate	400		390	ug/L	98				0	0	
2,6-Dinitrotoluene	400		450	ug/L	113				0	0	
Acenaphthylene	400		370	ug/L	93				0	0	
3-Nitroaniline	400		400	ug/L	100				0	0	
Acenaphthene	400		370	ug/L	93				46	118	
2,4-Dinitrophenol	400		330	ug/L	83				0	0	
4-Nitrophenol	400		93	ug/L	23				10	80	
Dibenzofuran	400		380	ug/L	95				0	0	
2,4-Dinitrotoluene	400		450	ug/L	113	*			24	96	
Diethylphthalate	400		390	ug/L	98				0	0	
Fluorene	400		390	ug/L	98				0	0	
4-Chlorophenyl-phenylether	400		390	ug/L	98				0	0	
4-Nitroaniline	400		470	ug/L	117				0	0	
4,6-Dinitro-2-methylphenol	400		400	ug/L	100				0	0	
N-Nitrosodiphenylamine	400		400	ug/L	100				0	0	
1,2,4,5-Tetrachlorobenzene	400		370	ug/L	93				0	0	



Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BN032124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample	Result	Units	Rec	Rec	RPD	RPD	Limits		RPD
		Result				Qual		Qual	Low	High	
4-Bromophenyl-phenylether	400		440	ug/L	110				0	0	
Hexachlorobenzene	400		420	ug/L	105				0	0	
Atrazine	400		190	ug/L	48				0	0	
Pentachlorophenol	400		370	ug/L	93				9	103	
Phenanthrene	400		420	ug/L	105				0	0	
Pentachlorobenzene	400		400	ug/L	100				0	0	
Anthracene	400		410	ug/L	103				0	0	
1,2,3,4-Tetrachlorobenzene	400		390	ug/L	98				0	0	
Carbazole	400		440	ug/L	110				0	0	
Di-n-butylphthalate	400		430	ug/L	108				0	0	
Fluoranthene	400		400	ug/L	100				0	0	
Pyrene	400		400	ug/L	100				26	127	
Butylbenzylphthalate	400		440	ug/L	110				0	0	
3,3'-Dichlorobenzidine	400		410	ug/L	103				0	0	
Benzo(a)anthracene	400		400	ug/L	100				0	0	
Chrysene	400		410	ug/L	103				0	0	
Bis(2-ethylhexyl)phthalate	400		430	ug/L	108				0	0	
Di-n-octylphthalate	400		430	ug/L	108				0	0	
Benzo(b)fluoranthene	400		440	ug/L	110				0	0	
Benzo(k)fluoranthene	400		430	ug/L	108				0	0	
Benzo(a)pyrene	400		430	ug/L	108				0	0	
Indeno(1,2,3-cd)pyrene	400		440	ug/L	110				0	0	
Dibenzo(a,h)anthracene	400		440	ug/L	110				0	0	
Benzo(g,h,i)perylene	400		430	ug/L	108				0	0	
2,3,4,6-Tetrachlorophenol	400		370	ug/L	93				0	0	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BN032124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1743-08MSD	Client Sample ID:	E0737MSD					DataFile:	BN030446.D		
1,4-Dioxane	160		68	ug/L	43		10		15	120	50
Benzaldehyde	400		410	ug/L	103		8	*	0	0	0
Pyridine	400		160	ug/L	40		13	*	0	0	0
Phenol	400		99	ug/L	25		8		12	110	42
Bis(2-chloroethyl)ether	400		410	ug/L	103		8	*	0	0	0
2-Chlorophenol	400		330	ug/L	83		10		27	123	40
2-Methylphenol	400		250	ug/L	63		8	*	0	0	0
2,2-oxybis(1-Chloropropane)	400		400	ug/L	100		7	*	0	0	0
Acetophenone	400		420	ug/L	105		7	*	0	0	0
4-Methylphenol	400		210	ug/L	52		4	*	0	0	0
N-Nitroso-di-n-propylamine	400		410	ug/L	103		10		41	116	38
Hexachloroethane	400		390	ug/L	98		11	*	0	0	0
Nitrobenzene	400		430	ug/L	108		10	*	0	0	0
Isophorone	400		390	ug/L	98		5	*	0	0	0
2-Nitrophenol	400		440	ug/L	110		10	*	0	0	0
2,4-Dimethylphenol	400		290	ug/L	73		7	*	0	0	0
Bis(2-chloroethoxy)methane	400		400	ug/L	100		7	*	0	0	0
2,4-Dichlorophenol	400		380	ug/L	95		8	*	0	0	0
Naphthalene	400		400	ug/L	100		7	*	0	0	0
4-Chloroaniline	400		260	ug/L	65		8	*	0	0	0
Hexachlorobutadiene	400		390	ug/L	98		9	*	0	0	0
Caprolactam	400		68	ug/L	17		13	*	0	0	0
4-Chloro-3-methylphenol	400		350	ug/L	88		10		23	97	42
1-Methylnaphthalene	400		410	ug/L	103		10	*	0	0	0
2-Methylnaphthalene	400		410	ug/L	103		8	*	0	0	0
Hexachlorocyclopentadiene	400		300	ug/L	75		10	*	0	0	0
2,4,6-Trichlorophenol	400		390	ug/L	98		9	*	0	0	0
2,4,5-Trichlorophenol	400		410	ug/L	103		10	*	0	0	0
1,1'-Biphenyl	400		400	ug/L	100		7	*	0	0	0
2-Chloronaphthalene	400		400	ug/L	100		7	*	0	0	0
2-Nitroaniline	400		480	ug/L	120		11	*	0	0	0
Dimethylphthalate	400		430	ug/L	108		10	*	0	0	0
2,6-Dinitrotoluene	400		500	ug/L	125		10	*	0	0	0
Acenaphthylene	400		400	ug/L	100		7	*	0	0	0
3-Nitroaniline	400		440	ug/L	110		10	*	0	0	0
Acenaphthene	400		410	ug/L	103		10		46	118	31
2,4-Dinitrophenol	400		370	ug/L	93		11	*	0	0	0
4-Nitrophenol	400		110	ug/L	28		20		10	80	50
Dibenzofuran	400		410	ug/L	103		8	*	0	0	0
2,4-Dinitrotoluene	400		510	ug/L	128	*	12		24	96	38
Diethylphthalate	400		440	ug/L	110		12	*	0	0	0
Fluorene	400		420	ug/L	105		7	*	0	0	0
4-Chlorophenyl-phenylether	400		420	ug/L	105		7	*	0	0	0
4-Nitroaniline	400		510	ug/L	128		9	*	0	0	0
4,6-Dinitro-2-methylphenol	400		440	ug/L	110		10	*	0	0	0
N-Nitrosodiphenylamine	400		440	ug/L	110		10	*	0	0	0
1,2,4,5-Tetrachlorobenzene	400		400	ug/L	100		7	*	0	0	0

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BN032124

Client: _____

Analytical Method: SFAM_SVOC

Parameter	Spike	Sample Result	Result	Units	Rec	Rec	RPD	RPD	Low	Limits	
						Qual		Qual		High	RPD
4-Bromophenyl-phenylether	400		460	ug/L	115	4	*		0	0	0
Hexachlorobenzene	400		470	ug/L	117	11	*		0	0	0
Atrazine	400		210	ug/L	52	8	*		0	0	0
Pentachlorophenol	400		410	ug/L	103	10			9	103	50
Phenanthrene	400		450	ug/L	113	7	*		0	0	0
Pentachlorobenzene	400		440	ug/L	110	10	*		0	0	0
Anthracene	400		450	ug/L	113	9	*		0	0	0
1,2,3,4-Tetrachlorobenzene	400		420	ug/L	105	7	*		0	0	0
Carbazole	400		480	ug/L	120	9	*		0	0	0
Di-n-butylphthalate	400		480	ug/L	120	11	*		0	0	0
Fluoranthene	400		450	ug/L	113	12	*		0	0	0
Pyrene	400		440	ug/L	110	10			26	127	31
Butylbenzylphthalate	400		500	ug/L	125	13	*		0	0	0
3,3'-Dichlorobenzidine	400		460	ug/L	115	11	*		0	0	0
Benzo(a)anthracene	400		440	ug/L	110	10	*		0	0	0
Chrysene	400		450	ug/L	113	9	*		0	0	0
Bis(2-ethylhexyl)phthalate	400		490	ug/L	123	13	*		0	0	0
Di-n-octylphthalate	400		480	ug/L	120	11	*		0	0	0
Benzo(b)fluoranthene	400		470	ug/L	117	6	*		0	0	0
Benzo(k)fluoranthene	400		460	ug/L	115	6	*		0	0	0
Benzo(a)pyrene	400		480	ug/L	120	11	*		0	0	0
Indeno(1,2,3-cd)pyrene	400		470	ug/L	117	6	*		0	0	0
Dibenzo(a,h)anthracene	400		480	ug/L	120	9	*		0	0	0
Benzo(g,h,i)perylene	400		470	ug/L	117	8	*		0	0	0
2,3,4,6-Tetrachlorophenol	400		430	ug/L	108	15	*		0	0	0

Surrogate Summary

SW-846

SDG No.: BN032124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1743-05	E0732	BN030443.D	1,4-Dioxane-d8	80	20.26	25		15	120
			Pyridine-d5	400	96.46	24		20	120
			Phenol-d5	400	54.48	13		10	130
			Bis(2-Chloroethyl)ether-d8	400	293.96	73		25	120
			2-Chlorophenol-d4	400	215.72	53		20	130
			4-Methylphenol-d8	400	133.74	33		25	125
			Nitrobenzene-d5	400	321.82	80		20	125
			2-Nitrophenol-d4	400	305.03	76		20	130
			2,4-Dichlorophenol-d3	400	259.24	64		20	120
			4-Chloroaniline-d4	400	246.52	61		1	146
			Dimethylphthalate-d6	400	318.72	79		25	130
			Acenaphthylene-d8	400	308.73	77		10	130
			4-Nitrophenol-d4	400	41.32	10		10	150
			Fluorene-d10	400	322.04	80		25	125
			4,6-Dinitro-2-methylphenol-d2	400	217.24	54		10	130
			Anthracene-d10	400	344.06	86		25	130
			Pyrene-d10	400	337.10	84		15	130
			Benzo(a)pyrene-d12	400	359.30	89		20	130
P1743-06	E0737	BN030444.D	1,4-Dioxane-d8	80	24.09	30		15	120
			Pyridine-d5	400	112.83	28		20	120
			Phenol-d5	400	60.56	15		10	130
			Bis(2-Chloroethyl)ether-d8	400	354.60	88		25	120
			2-Chlorophenol-d4	400	258.06	64		20	130
			4-Methylphenol-d8	400	135.53	33		25	125
			Nitrobenzene-d5	400	389.29	97		20	125
			2-Nitrophenol-d4	400	379.33	94		20	130
			2,4-Dichlorophenol-d3	400	324.89	81		20	120
			4-Chloroaniline-d4	400	52.19	13		1	146
			Dimethylphthalate-d6	400	379.04	94		25	130
			Acenaphthylene-d8	400	296.51	74		10	130
			4-Nitrophenol-d4	400	50.11	12		10	150
			Fluorene-d10	400	381.35	95		25	125
			4,6-Dinitro-2-methylphenol-d2	400	290.45	72		10	130
			Anthracene-d10	400	401.77	100		25	130
			Pyrene-d10	400	412.84	103		15	130
			Benzo(a)pyrene-d12	400	414.88	103		20	130
P1743-07MS	E0737MS	BN030445.D	1,4-Dioxane-d8	80	28.31	35		15	120
			Pyridine-d5	400	131.73	32		20	120
			Phenol-d5	400	79.66	19		10	130
			Bis(2-Chloroethyl)ether-d8	400	352.90	88		25	120
			2-Chlorophenol-d4	400	281.95	70		20	130
			4-Methylphenol-d8	400	181.04	45		25	125
			Nitrobenzene-d5	400	391.20	97		20	125
			2-Nitrophenol-d4	400	394.60	98		20	130
			2,4-Dichlorophenol-d3	400	338.81	84		20	120
			4-Chloroaniline-d4	400	304.03	76		1	146
			Dimethylphthalate-d6	400	373.20	93		25	130
			Acenaphthylene-d8	400	362.93	90		10	130
			4-Nitrophenol-d4	400	86.61	21		10	150
			Fluorene-d10	400	370.81	92		25	125
			4,6-Dinitro-2-methylphenol-d2	400	385.18	96		10	130

Surrogate Summary

SW-846

SDG No.: BN032124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1743-07MS	E0737MS	BN030445.D	Anthracene-d10	400	395.70	98		25	130
			Pyrene-d10	400	389.20	97		15	130
			Benzo(a)pyrene-d12	400	426.15	106		20	130
P1743-08MSD	E0737MSD	BN030446.D	1,4-Dioxane-d8	80	28.03	35		15	120
			Pyridine-d5	400	142.60	35		20	120
			Phenol-d5	400	87.11	21		10	130
			Bis(2-Chloroethyl)ether-d8	400	385.95	96		25	120
			2-Chlorophenol-d4	400	311.69	77		20	130
			4-Methylphenol-d8	400	199.23	49		25	125
			Nitrobenzene-d5	400	423.79	105		20	125
			2-Nitrophenol-d4	400	433.48	108		20	130
			2,4-Dichlorophenol-d3	400	365.87	91		20	120
			4-Chloroaniline-d4	400	326.63	81		1	146
			Dimethylphthalate-d6	400	412.15	103		25	130
			Acenaphthylene-d8	400	393.01	98		10	130
			4-Nitrophenol-d4	400	97.42	24		10	150
			Fluorene-d10	400	405.49	101		25	125
			4,6-Dinitro-2-methylphenol-d2	400	430.76	107		10	130
			Anthracene-d10	400	430.22	107		25	130
			Pyrene-d10	400	444.51	111		15	130
			Benzo(a)pyrene-d12	400	456.02	114		20	130
PB159672TB	PB159672TB	BN030442.D	Pyridine-d5	400	375.54	93		20	120
			1,4-Dioxane-d8	80	75.83	94		15	120
			Phenol-d5	400	353.60	88		10	130
			Bis(2-Chloroethyl)ether-d8	400	377.07	94		25	120
			2-Chlorophenol-d4	400	370.84	92		20	130
			4-Methylphenol-d8	400	358.36	89		25	125
			Nitrobenzene-d5	400	408.08	102		20	125
			2-Nitrophenol-d4	400	418.70	104		20	130
			2,4-Dichlorophenol-d3	400	368.23	92		20	120
			4-Chloroaniline-d4	400	384.20	96		1	146
			Dimethylphthalate-d6	400	385.91	96		25	130
			Acenaphthylene-d8	400	377.87	94		10	130
			4-Nitrophenol-d4	400	326.24	81		10	150
			Fluorene-d10	400	379.62	94		25	125
			4,6-Dinitro-2-methylphenol-d2	400	255.01	63		10	130
			Anthracene-d10	400	396.07	99		25	130
			Pyrene-d10	400	403.03	100		15	130
			Benzo(a)pyrene-d12	400	400.93	100		20	130
PB159692BL	PB159692BL	BN030441.D	Pyridine-d5	40	38.38	96		20	120
			1,4-Dioxane-d8	8	7.56	94		15	120
			Phenol-d5	40	35.79	89		10	130
			Bis(2-Chloroethyl)ether-d8	40	37.69	94		25	120
			2-Chlorophenol-d4	40	37.90	95		20	130
			4-Methylphenol-d8	40	36.06	90		25	125
			Nitrobenzene-d5	40	41.32	103		20	125
			2-Nitrophenol-d4	40	43.41	109		20	130
			2,4-Dichlorophenol-d3	40	37.20	93		20	120
			4-Chloroaniline-d4	40	38.75	97		1	146
			Dimethylphthalate-d6	40	39.27	98		25	130
			Acenaphthylene-d8	40	37.81	95		10	130



Surrogate Summary

SW-846

SDG No.: BN032124

Client: _____

Analytical Method: SFAM_SVOC

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB159692BL	PB159692BL	BN030441.D	4-Nitrophenol-d4	40	32.71	82		10	150
			Fluorene-d10	40	37.94	95		25	125
			4,6-Dinitro-2-methylphenol-d2	40	27.09	68		10	130
			Anthracene-d10	40	40.09	100		25	130
			Pyrene-d10	40	40.16	100		15	130
PB159692BS	PB159692BS	BN030447.D	Benzo(a)pyrene-d12	40	40.77	102		20	130
			1,4-Dioxane-d8	8	6.65	83		15	120
			Pyridine-d5	40	34.10	85		20	120
			Phenol-d5	40	35.00	88		10	130
			Bis(2-Chloroethyl)ether-d8	40	34.36	86		25	120
			2-Chlorophenol-d4	40	35.94	90		20	130
			4-Methylphenol-d8	40	35.43	89		25	125
			Nitrobenzene-d5	40	38.04	95		20	125
			2-Nitrophenol-d4	40	39.91	100		20	130
			2,4-Dichlorophenol-d3	40	36.84	92		20	120
			4-Chloroaniline-d4	40	31.53	79		1	146
			Dimethylphthalate-d6	40	34.01	85		25	130
			Acenaphthylene-d8	40	34.64	87		10	130
			4-Nitrophenol-d4	40	36.18	90		10	150
			Fluorene-d10	40	34.85	87		25	125
			4,6-Dinitro-2-methylphenol-d2	40	33.96	85		10	130
			Anthracene-d10	40	36.26	91		25	130
			Pyrene-d10	40	35.92	90		15	130
			Benzo(a)pyrene-d12	40	37.40	94		20	130



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BN032124

Lab Code: CHEM

SAS No.: BN032124 SDG NO.: BN032124

Lab File ID: BN030439.D

DFTPP Injection Date: 03/21/2024

Instrument ID: BNA_N

DFTPP Injection Time: 09:42

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	32.7
68	Less than 2.0% of mass 69	0.6 (1.6) 1
69	Mass 69 relative abundance	36.7
70	Less than 2.0% of mass 69	0.2 (0.5) 1
127	10.0 - 80.0% of mass 198	47.1
197	Less than 2.0% of mass 198	0.2
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	26.4
365	Greater than 1% of mass 198	3
441	Present, but less than mass 443	11.7
442	Greater than 50% of mass 198	74
443	15.0 - 24.0% of mass 442	14 (18.9) 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
SSTD020327	SSTDCCC020	BN030440.D	03/21/2024	10:21
SBLK692	PB159692BL	BN030441.D	03/21/2024	11:00
SLEB672	PB159672TB	BN030442.D	03/21/2024	11:40
E0732	P1743-05	BN030443.D	03/21/2024	12:19
E0737	P1743-06	BN030444.D	03/21/2024	12:58
E0737MS	P1743-07MS	BN030445.D	03/21/2024	13:38
E0737MSD	P1743-08MSD	BN030446.D	03/21/2024	14:17
SLCS692	PB159692BS	BN030447.D	03/21/2024	14:57
SSTD020328	SSTDCCC020EC	BN030448.D	03/21/2024	15:48