

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BM021424 SAS No.: BM021424 SDG No.: BM021424

Instrument ID: BNA_M Calibration Date/Time: 2/14/2024 1:09:19

Lab File ID: BM044073.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
n-Nitrosodimethylamine	0.547	0.611		11.7	
Pyridine	1.441	1.593		10.548	
2-Fluorophenol	1.375	1.402		1.964	
Benzaldehyde	0.899	0.868		-3.448	
Aniline	1.720	1.726		0.349	
Phenol-d6	1.750	1.785		2.0	
Phenol	1.766	1.778		0.68	20.0
bis(2-Chloroethyl)ether	1.462	1.452		-0.684	
2-Chlorophenol	1.436	1.400		-2.507	
1,2-Dichlorobenzene	1.566	1.459		-6.833	
1,3-Dichlorobenzene	1.630	1.529		-6.196	
1,4-Dichlorobenzene	1.643	1.544		-6.026	20.0
Benzyl Alcohol	1.139	1.119		-1.756	
2-Methylphenol	1.159	1.126		-2.847	
2,2-oxybis(1-Chloropropane)	1.854	1.740		-6.149	
Acetophenone	0.508	0.508		0.0	
3+4-Methylphenols	1.595	1.544		-3.197	
n-Nitroso-di-n-propylamine	1.074	1.084	0.050	0.931	
Nitrobenzene-d5	0.377	0.384		1.857	
Hexachloroethane	0.615	0.581		-5.528	
Nitrobenzene	0.386	0.383		-0.777	
Isophorone	0.726	0.705		-2.893	
2-Nitrophenol	0.179	0.176		-1.676	20.0
2,4-Dimethylphenol	0.229	0.220		-3.93	
bis(2-Chloroethoxy)methane	0.469	0.457		-2.559	
2,4-Dichlorophenol	0.301	0.283		-5.98	20.0
1,2,4-Trichlorobenzene	0.339	0.315		-7.08	
Benzoic acid	0.230	0.213		-7.391	
Naphthalene	1.104	1.050		-4.891	
4-Chloroaniline	0.418	0.405		-3.11	
Hexachlorobutadiene	0.194	0.173		-10.825	20.0
Caprolactam	0.097	0.096		-1.031	
4-Chloro-3-methylphenol	0.326	0.322		-1.227	20.0
2-Methylnaphthalene	0.735	0.696		-5.306	
Hexachlorocyclopentadiene	0.254	0.233	0.050	-8.268	
2,4,6-Trichlorophenol	0.396	0.384		-3.03	20.0
2-Fluorobiphenyl	1.417	1.381		-2.541	
2,4,5-Trichlorophenol	0.434	0.426		-1.843	
1,1-Biphenyl	1.578	1.536		-2.662	
2-Chloronaphthalene	1.250	1.226		-1.92	
2-Nitroaniline	0.352	0.366		3.977	

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EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
Dimethylphthalate	1.483	1.416		-4.518	
Acenaphthylene	1.865	1.821		-2.359	
2,6-Dinitrotoluene	0.327	0.321		-1.835	
3-Nitroaniline	0.352	0.353		0.284	
Acenaphthene	1.154	1.129		-2.166	20.0
2,4-Dinitrophenol	0.170	0.171	0.050	0.588	
4-Nitrophenol	0.286	0.289	0.050	1.049	
Dibenzofuran	1.787	1.701		-4.813	
2,4-Dinitrotoluene	0.428	0.428		0.0	
Diethylphthalate	1.533	1.461		-4.697	
4-Chlorophenyl-phenylether	0.669	0.634		-5.232	
Fluorene	1.381	1.358		-1.665	
4-Nitroaniline	0.354	0.353		-0.282	
4,6-Dinitro-2-methylphenol	0.119	0.119		0.0	
n-Nitrosodiphenylamine	0.608	0.609		0.164	20.0
Azobenzene	1.438	1.465		1.878	
2,4,6-Tribromophenol	0.217	0.197		-9.217	
4-Bromophenyl-phenylether	0.198	0.192		-3.03	
Hexachlorobenzene	0.242	0.222		-8.264	
Atrazine	0.165	0.158		-4.242	
Pentachlorophenol	0.158	0.147		-6.962	20.0
Phenanthrene	1.056	1.038		-1.705	
Anthracene	1.046	1.035		-1.052	
Carbazole	1.017	0.984		-3.245	
Di-n-butylphthalate	1.322	1.282		-3.026	
Fluoranthene	1.186	1.137		-4.132	20.0
Benzidine	0.311	0.383		23.151	
Pyrene	1.540	1.533		-0.455	
Terphenyl-d14	1.141	1.117		-2.103	
Butylbenzylphthalate	0.685	0.678		-1.022	
3,3-Dichlorobenzidine	0.456	0.441		-3.289	
Benzo(a)anthracene	1.391	1.369		-1.582	
Chrysene	1.314	1.296		-1.37	
Bis(2-ethylhexyl)phthalate	1.010	1.012		0.198	
Di-n-octyl phthalate	1.764	1.745		-1.077	20.0
Benzo(b)fluoranthene	1.250	1.190		-4.8	
Benzo(k)fluoranthene	1.188	1.198		0.842	
Benzo(a)pyrene	1.092	1.084		-0.733	20.0
Indeno(1,2,3-cd)pyrene	1.416	1.449		2.331	
Dibenzo(a,h)anthracene	1.184	1.203		1.605	
Benzo(g,h,i)perylene	1.201	1.235		2.831	



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Lab File ID: BM044073.D Init. Calib. Date(s): _____

EPA Sample No.: SSTDCCC040 Init. Calib. Time(s): _____

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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	0.581	0.553		-4.819	
1,4-Dioxane	0.546	0.598		9.524	20.0
2,3,4,6-Tetrachlorophenol	0.341	0.321		-5.865	
1-Methylnaphthalene	0.722	0.686		-4.986	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	PB158892BL	SDG No.:	BM021424
Lab Sample ID:	PB158892BL	Matrix:	water
Analytical Method:	8270E	% 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
BM044074.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2	U	2	8	10	ug/L
110-86-1	Pyridine	1.8	U	1.8	4	5	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8	10	ug/L
62-53-3	Aniline	2.4	U	2.4	4	5	ug/L
108-95-2	Phenol	1.5	U	1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.7	U	1.7	4	5	ug/L
95-57-8	2-Chlorophenol	1.4	U	1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	1.7	U	1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	1.4	U	1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	2.4	U	2.4	8	10	ug/L
95-48-7	2-Methylphenol	2.1	U	2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.3	U	2.3	4	5	ug/L
98-86-2	Acetophenone	1.8	U	1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	2.2	U	2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1.6	U	1.6	4	5	ug/L
98-95-3	Nitrobenzene	1.7	U	1.7	4	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	4	5	ug/L
88-75-5	2-Nitrophenol	2.4	U	2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	3	U	3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2	U	2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	1.7	U	1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.7	U	1.7	4	5	ug/L
65-85-0	Benzoic acid	6.7	U	6.7	8	10	ug/L
91-20-3	Naphthalene	1.7	U	1.7	4	5	ug/L
106-47-8	4-Chloroaniline	2.5	U	2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.9	U	1.9	4	5	ug/L
105-60-2	Caprolactam	3.4	U	3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.8	U	1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	2.2	U	2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	PB158892BL	SDG No.:	BM021424
Lab Sample ID:	PB158892BL	Matrix:	water
Analytical Method:	8270E	% 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
BM044074.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.7	U	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	1.8	U	1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	4	5	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	4	5	ug/L
131-11-3	Dimethylphthalate	1.9	U	1.9	4	5	ug/L
208-96-8	Acenaphthylene	2.1	U	2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	4	5	ug/L
99-09-2	3-Nitroaniline	2.4	U	2.4	4	5	ug/L
83-32-9	Acenaphthene	1.7	U	1.7	4	5	ug/L
Total PAH	Total PAH	31	U	31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	5.5	U	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	2.8	U	2.8	8	10	ug/L
132-64-9	Dibenzofuran	1.6	U	1.6	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	2.5	U	2.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.6	U	4.6	4	10	ug/L
84-66-2	Diethylphthalate	2.1	U	2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	2.2	4	5	ug/L
86-73-7	Fluorene	2	U	2	4	5	ug/L
100-01-6	4-Nitroaniline	2.3	U	2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	2	U	2	4	5	ug/L
103-33-3	Azobenzene	1.6	U	1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2	U	2	4	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	4	5	ug/L
1912-24-9	Atrazine	3.5	U	3.5	4	5	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8	10	ug/L
85-01-8	Phenanthrene	2	U	2	4	5	ug/L
120-12-7	Anthracene	2.3	U	2.3	4	5	ug/L
86-74-8	Carbazole	1.7	U	1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	2.4	U	2.4	4	5	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	PB158892BL	SDG No.:	BM021424
Lab Sample ID:	PB158892BL	Matrix:	water
Analytical Method:	8270E	% 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
BM044074.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	134.416		10-139		90	SPK: -150
13127-88-3	Phenol-d6	128.956		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	89.21		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	86.684		52-132		87	SPK: -100
118-79-6	2,4,6-Tribromophenol	108.804		32-145		73	SPK: -150
1718-51-0	Terphenyl-d14	93.666		36-145		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	408112	7.904				
1146-65-2	Naphthalene-d8	1620025	10.704				
15067-26-2	Acenaphthene-d10	877125	14.545				
1517-22-2	Phenanthrene-d10	1665945	17.298				
1719-03-5	Chrysene-d12	1177591	21.497				
1520-96-3	Perylene-d12	1233443	23.891				



Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	PB158892BL	SDG No.:	BM021424
Lab Sample ID:	PB158892BL	Matrix:	water
Analytical Method:	8270E	% 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
BM044074.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	PB158892BS	SDG No.:	BM021424
Lab Sample ID:	PB158892BS	Matrix:	water
Analytical Method:	8270E	% 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
BM044075.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	50.9		2	8	10	ug/L
110-86-1	Pyridine	37		1.8	4	5	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8	10	ug/L
62-53-3	Aniline	34.8		2.4	4	5	ug/L
108-95-2	Phenol	49.9		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.5		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	48.7		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	41.6		1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	40.9		1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	41.2		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	48		2.4	8	10	ug/L
95-48-7	2-Methylphenol	48.5		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.4		2.3	4	5	ug/L
98-86-2	Acetophenone	46.5		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	47.3		2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	45.5		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42.2		1.6	4	5	ug/L
98-95-3	Nitrobenzene	42.8		1.7	4	5	ug/L
78-59-1	Isophorone	43.5		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	45.8		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	56.2		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	44.8		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	45.9		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	40.2		1.7	4	5	ug/L
65-85-0	Benzoic acid	45		6.7	8	10	ug/L
91-20-3	Naphthalene	41.4		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	10.9		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	37.4		1.9	4	5	ug/L
105-60-2	Caprolactam	43.3		3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	45.1		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	40.9		2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	PB158892BS	SDG No.:	BM021424
Lab Sample ID:	PB158892BS	Matrix:	water
Analytical Method:	8270E	% 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
BM044075.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	120	E	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	45.9		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	44.1		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	45.6		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	43.4		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	45.9		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	42.3		1.9	4	5	ug/L
208-96-8	Acenaphthylene	46.6		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	42.2		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	23.6		2.4	4	5	ug/L
83-32-9	Acenaphthene	42.7		1.7	4	5	ug/L
Total PAH	Total PAH	722.1		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	81.2	E	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	86.2	E	2.8	8	10	ug/L
132-64-9	Dibenzofuran	42.1		1.6	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	83.9		4.6	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	41.7		2.5	4	5	ug/L
84-66-2	Diethylphthalate	41.4		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	39.8		2.2	4	5	ug/L
86-73-7	Fluorene	41.3		2	4	5	ug/L
100-01-6	4-Nitroaniline	38.3		2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	44.1		1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	48.4		2	4	5	ug/L
103-33-3	Azobenzene	44.3		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	45.7		2	4	5	ug/L
118-74-1	Hexachlorobenzene	41.5		1.9	4	5	ug/L
1912-24-9	Atrazine	54.6		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	82.2	E	2.6	8	10	ug/L
85-01-8	Phenanthrene	45.4		2	4	5	ug/L
120-12-7	Anthracene	46.1		2.3	4	5	ug/L
86-74-8	Carbazole	42.3		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	44		2.4	4	5	ug/L
206-44-0	Fluoranthene	39.3		2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	PB158892BS	SDG No.:	BM021424
Lab Sample ID:	PB158892BS	Matrix:	water
Analytical Method:	8270E	% 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
BM044075.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	47.5		6.6	8	10	ug/L
129-00-0	Pyrene	51.3		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	51.8		2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	31.6		5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	46.2		1.5	4	5	ug/L
218-01-9	Chrysene	44.5		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	50.5		2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	47.2		3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	47.6		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	48.6		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	46.8		2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	45.5		2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	45.5		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	43.3		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45.1		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	38.9		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	43		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	40.3		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	142.827		10-139		95	SPK: -150
13127-88-3	Phenol-d6	138.054		10-134		92	SPK: -150
4165-60-0	Nitrobenzene-d5	89.075		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	84.634		52-132		85	SPK: -100
118-79-6	2,4,6-Tribromophenol	111.423		32-145		74	SPK: -150
1718-51-0	Terphenyl-d14	99.057		36-145		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	530969	7.904				
1146-65-2	Naphthalene-d8	2231771	10.71				
15067-26-2	Acenaphthene-d10	1184713	14.551				
1517-22-2	Phenanthrene-d10	2045852	17.298				
1719-03-5	Chrysene-d12	1239464	21.503				
1520-96-3	Perylene-d12	1170173	23.891				



Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	PB158892BS	SDG No.:	BM021424
Lab Sample ID:	PB158892BS	Matrix:	water
Analytical Method:	8270E	% 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
BM044075.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158983BL	SDG No.:	BM021424
Lab Sample ID:	PB158983BL	Matrix:	water
Analytical Method:	8270E	% 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
BM044076.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	2	U	2	8	10	ug/L
110-86-1	Pyridine	1.8	U	1.8	4	5	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8	10	ug/L
62-53-3	Aniline	2.4	U	2.4	4	5	ug/L
108-95-2	Phenol	1.5	U	1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	1.7	U	1.7	4	5	ug/L
95-57-8	2-Chlorophenol	1.4	U	1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	1.3	U	1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	1.7	U	1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	1.4	U	1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	2.4	U	2.4	8	10	ug/L
95-48-7	2-Methylphenol	2.1	U	2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	2.3	U	2.3	4	5	ug/L
98-86-2	Acetophenone	1.8	U	1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	2.2	U	2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2	U	2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	1.6	U	1.6	4	5	ug/L
98-95-3	Nitrobenzene	1.7	U	1.7	4	5	ug/L
78-59-1	Isophorone	1.7	U	1.7	4	5	ug/L
88-75-5	2-Nitrophenol	2.4	U	2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	3	U	3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	2	U	2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	1.7	U	1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	1.7	U	1.7	4	5	ug/L
65-85-0	Benzoic acid	6.7	U	6.7	8	10	ug/L
91-20-3	Naphthalene	1.7	U	1.7	4	5	ug/L
106-47-8	4-Chloroaniline	2.5	U	2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	1.9	U	1.9	4	5	ug/L
105-60-2	Caprolactam	3.4	U	3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	1.8	U	1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	2.2	U	2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158983BL	SDG No.:	BM021424
Lab Sample ID:	PB158983BL	Matrix:	water
Analytical Method:	8270E	% 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
BM044076.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	5.7	U	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	1.5	U	1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	1.6	U	1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	1.8	U	1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	1.6	U	1.6	4	5	ug/L
88-74-4	2-Nitroaniline	2.4	U	2.4	4	5	ug/L
131-11-3	Dimethylphthalate	1.9	U	1.9	4	5	ug/L
208-96-8	Acenaphthylene	2.1	U	2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	2.1	U	2.1	4	5	ug/L
99-09-2	3-Nitroaniline	2.4	U	2.4	4	5	ug/L
83-32-9	Acenaphthene	1.7	U	1.7	4	5	ug/L
Total PAH	Total PAH	31	U	31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	5.5	U	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	2.8	U	2.8	8	10	ug/L
132-64-9	Dibenzofuran	1.6	U	1.6	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	4.6	U	4.6	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	2.5	U	2.5	4	5	ug/L
84-66-2	Diethylphthalate	2.1	U	2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	2.2	U	2.2	4	5	ug/L
86-73-7	Fluorene	2	U	2	4	5	ug/L
100-01-6	4-Nitroaniline	2.3	U	2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	1.8	U	1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	2	U	2	4	5	ug/L
103-33-3	Azobenzene	1.6	U	1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	2	U	2	4	5	ug/L
118-74-1	Hexachlorobenzene	1.9	U	1.9	4	5	ug/L
1912-24-9	Atrazine	3.5	U	3.5	4	5	ug/L
87-86-5	Pentachlorophenol	2.6	U	2.6	8	10	ug/L
85-01-8	Phenanthrene	2	U	2	4	5	ug/L
120-12-7	Anthracene	2.3	U	2.3	4	5	ug/L
86-74-8	Carbazole	1.7	U	1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	2.4	U	2.4	4	5	ug/L
206-44-0	Fluoranthene	2.1	U	2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158983BL	SDG No.:	BM021424
Lab Sample ID:	PB158983BL	Matrix:	water
Analytical Method:	8270E	% 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
BM044076.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	6.6	U	6.6	8	10	ug/L
129-00-0	Pyrene	1.9	U	1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	2.8	U	2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	5.4	U	5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	1.5	U	1.5	4	5	ug/L
218-01-9	Chrysene	1.6	U	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	2.9	U	2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	3.1	U	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	1.5	U	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	1.9	U	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.7	U	2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	2.1	U	2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	2	U	2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	1.9	U	1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	2.1	U	2.1	4	5	ug/L
123-91-1	1,4-Dioxane	2.4	U	2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.3	U	1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	2.1	U	2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	134.348		10-139		90	SPK: -150
13127-88-3	Phenol-d6	129.926		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	89.222		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	84.069		52-132		84	SPK: -100
118-79-6	2,4,6-Tribromophenol	110.908		32-145		74	SPK: -150
1718-51-0	Terphenyl-d14	96.853		36-145		97	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	468686	7.904				
1146-65-2	Naphthalene-d8	1907769	10.704				
15067-26-2	Acenaphthene-d10	1081673	14.545				
1517-22-2	Phenanthrene-d10	2112630	17.298				
1719-03-5	Chrysene-d12	1363189	21.498				
1520-96-3	Perylene-d12	1337647	23.897				

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158983BL	SDG No.:	BM021424
Lab Sample ID:	PB158983BL	Matrix:	water
Analytical Method:	8270E	% 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
BM044076.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158983BS	SDG No.:	BM021424
Lab Sample ID:	PB158983BS	Matrix:	water
Analytical Method:	8270E	% 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
BM044077.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	51.2		2	8	10	ug/L
110-86-1	Pyridine	37		1.8	4	5	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8	10	ug/L
62-53-3	Aniline	34.4		2.4	4	5	ug/L
108-95-2	Phenol	50.2		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	46.7		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	49		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	41.8		1.3	4	5	ug/L
541-73-1	1,3-Dichlorobenzene	41.1		1.7	4	5	ug/L
106-46-7	1,4-Dichlorobenzene	41.7		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	48		2.4	8	10	ug/L
95-48-7	2-Methylphenol	48.9		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	44.6		2.3	4	5	ug/L
98-86-2	Acetophenone	46		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	47.9		2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	46		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	42.4		1.6	4	5	ug/L
98-95-3	Nitrobenzene	43.1		1.7	4	5	ug/L
78-59-1	Isophorone	43.4		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	45.6		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	56.6		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	45.2		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	46.1		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	40.4		1.7	4	5	ug/L
65-85-0	Benzoic acid	46.1		6.7	8	10	ug/L
91-20-3	Naphthalene	41.4		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	10.6		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	37.3		1.9	4	5	ug/L
105-60-2	Caprolactam	43.7		3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	45.2		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	41		2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158983BS	SDG No.:	BM021424
Lab Sample ID:	PB158983BS	Matrix:	water
Analytical Method:	8270E	% 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
BM044077.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	120	E	5.7	8	10	ug/L
88-06-2	2,4,6-Trichlorophenol	46.1		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	44.8		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	46		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	43.3		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	46.5		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	42.8		1.9	4	5	ug/L
208-96-8	Acenaphthylene	46.7		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	42.3		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	23.6		2.4	4	5	ug/L
83-32-9	Acenaphthene	43		1.7	4	5	ug/L
Total PAH	Total PAH	722.7		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	82.8	E	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	86.1	E	2.8	8	10	ug/L
132-64-9	Dibenzofuran	42.3		1.6	4	5	ug/L
121-14-2	2,4-Dinitrotoluene	41.9		2.5	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	84.2		4.6	4	10	ug/L
84-66-2	Diethylphthalate	41.4		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	40.1		2.2	4	5	ug/L
86-73-7	Fluorene	41.6		2	4	5	ug/L
100-01-6	4-Nitroaniline	38.8		2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	43.9		1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	48.4		2	4	5	ug/L
103-33-3	Azobenzene	44.5		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	46.5		2	4	5	ug/L
118-74-1	Hexachlorobenzene	41.6		1.9	4	5	ug/L
1912-24-9	Atrazine	54.9		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	81.3	E	2.6	8	10	ug/L
85-01-8	Phenanthrene	45.4		2	4	5	ug/L
120-12-7	Anthracene	45.9		2.3	4	5	ug/L
86-74-8	Carbazole	42.3		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	43.8		2.4	4	5	ug/L
206-44-0	Fluoranthene	39.6		2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158983BS	SDG No.:	BM021424
Lab Sample ID:	PB158983BS	Matrix:	water
Analytical Method:	8270E	% 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
BM044077.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	46.5		6.6	8	10	ug/L
129-00-0	Pyrene	51		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	52.1		2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	31.1		5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	46.4		1.5	4	5	ug/L
218-01-9	Chrysene	44.9		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	50.5		2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	47.2		3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	47		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	48.7		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	46.8		2.7	4	5	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	45.1		2.1	4	5	ug/L
53-70-3	Dibenzo(a,h)anthracene	45.6		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	43.6		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	38.5		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	43.4		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	40.6		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	142.987		10-139		95	SPK: -150
13127-88-3	Phenol-d6	139.667		10-134		93	SPK: -150
4165-60-0	Nitrobenzene-d5	89.115		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	84.706		52-132		85	SPK: -100
118-79-6	2,4,6-Tribromophenol	112.58		32-145		75	SPK: -150
1718-51-0	Terphenyl-d14	98.657		36-145		99	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	516912	7.905				
1146-65-2	Naphthalene-d8	2183936	10.704				
15067-26-2	Acenaphthene-d10	1166749	14.545				
1517-22-2	Phenanthrene-d10	2026083	17.298				
1719-03-5	Chrysene-d12	1237835	21.504				
1520-96-3	Perylene-d12	1179790	23.892				



Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158983BS	SDG No.:	BM021424
Lab Sample ID:	PB158983BS	Matrix:	water
Analytical Method:	8270E	% 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
BM044077.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158940TB	SDG No.:	BM021424
Lab Sample ID:	PB158940TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044078.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158940TB	SDG No.:	BM021424
Lab Sample ID:	PB158940TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044078.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158940TB	SDG No.:	BM021424
Lab Sample ID:	PB158940TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044078.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	122.669		10-139		82	SPK: -150
13127-88-3	Phenol-d6	120.143		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	78.85		49-133		79	SPK: -100
321-60-8	2-Fluorobiphenyl	72.972		52-132		73	SPK: -100
118-79-6	2,4,6-Tribromophenol	106.411		32-145		71	SPK: -150
1718-51-0	Terphenyl-d14	84.49		36-145		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	568350	7.904				
1146-65-2	Naphthalene-d8	2331821	10.704				
15067-26-2	Acenaphthene-d10	1352782	14.545				
1517-22-2	Phenanthrene-d10	2642108	17.298				
1719-03-5	Chrysene-d12	1662831	21.498				
1520-96-3	Perylene-d12	1546239	23.897				

Report of Analysis

Client:		Date Collected:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	PB158940TB	SDG No.:	BM021424
Lab Sample ID:	PB158940TB	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BM044078.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BM021424
Lab Sample ID:	P1412-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044079.D	1	2/10/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158960

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BM021424
Lab Sample ID:	P1412-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044079.D	1	2/10/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158960

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BM021424
Lab Sample ID:	P1412-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BM044079.D	1	2/10/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158960

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	124.608		10-139		83	SPK: -150
13127-88-3	Phenol-d6	111.883		10-134		75	SPK: -150
4165-60-0	Nitrobenzene-d5	89.083		49-133		89	SPK: -100
321-60-8	2-Fluorobiphenyl	84.078		52-132		84	SPK: -100
118-79-6	2,4,6-Tribromophenol	125.371		32-145		84	SPK: -150
1718-51-0	Terphenyl-d14	92.675		36-145		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	463471	7.904				
1146-65-2	Naphthalene-d8	1825595	10.704				
15067-26-2	Acenaphthene-d10	1018396	14.545				
1517-22-2	Phenanthrene-d10	1977864	17.298				
1719-03-5	Chrysene-d12	1370842	21.497				
1520-96-3	Perylene-d12	1401110	23.891				



Report of Analysis

Client:		Date Collected:	2/7/2024 12:00:00 AM
Project:		Date Received:	2/7/2024 12:00:00 AM
Client Sample ID:	TP2	SDG No.:	BM021424
Lab Sample ID:	P1412-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BM044079.D	1	2/10/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158960

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	ETGI-362	SDG No.:	BM021424
Lab Sample ID:	P1449-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BM044080.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	ETGI-362	SDG No.:	BM021424
Lab Sample ID:	P1449-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044080.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	ETGI-362	SDG No.:	BM021424
Lab Sample ID:	P1449-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BM044080.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130		65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	128.429		10-139		86	SPK: -150
13127-88-3	Phenol-d6	112.709		10-134		75	SPK: -150
4165-60-0	Nitrobenzene-d5	92.011		49-133		92	SPK: -100
321-60-8	2-Fluorobiphenyl	88.178		52-132		88	SPK: -100
118-79-6	2,4,6-Tribromophenol	120.675		32-145		80	SPK: -150
1718-51-0	Terphenyl-d14	92.393		36-145		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	460822	7.904				
1146-65-2	Naphthalene-d8	1858405	10.704				
15067-26-2	Acenaphthene-d10	999462	14.545				
1517-22-2	Phenanthrene-d10	1882347	17.298				
1719-03-5	Chrysene-d12	1305921	21.497				
1520-96-3	Perylene-d12	1297121	23.891				



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

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	ETGI-362	SDG No.:	BM021424
Lab Sample ID:	P1449-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 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
BM044080.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	EB-5-0-2	SDG No.:	BM021424
Lab Sample ID:	P1367-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044081.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	EB-5-0-2	SDG No.:	BM021424
Lab Sample ID:	P1367-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044081.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	EB-5-0-2	SDG No.:	BM021424
Lab Sample ID:	P1367-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044081.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	128.075		10-139		85	SPK: -150
13127-88-3	Phenol-d6	118.205		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	91.402		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	86.042		52-132		86	SPK: -100
118-79-6	2,4,6-Tribromophenol	124.463		32-145		83	SPK: -150
1718-51-0	Terphenyl-d14	98.076		36-145		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	454934	7.904				
1146-65-2	Naphthalene-d8	1816473	10.704				
15067-26-2	Acenaphthene-d10	1000807	14.545				
1517-22-2	Phenanthrene-d10	1929368	17.298				
1719-03-5	Chrysene-d12	1321954	21.497				
1520-96-3	Perylene-d12	1357851	23.891				

Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	EB-5-0-2	SDG No.:	BM021424
Lab Sample ID:	P1367-12	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BM044081.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	EB-5-6-8	SDG No.:	BM021424
Lab Sample ID:	P1367-14	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044082.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	EB-5-6-8	SDG No.:	BM021424
Lab Sample ID:	P1367-14	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044082.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	EB-5-6-8	SDG No.:	BM021424
Lab Sample ID:	P1367-14	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044082.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	142.561		10-139		95	SPK: -150
13127-88-3	Phenol-d6	129.567		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	99.735		49-133		100	SPK: -100
321-60-8	2-Fluorobiphenyl	95.218		52-132		95	SPK: -100
118-79-6	2,4,6-Tribromophenol	136.629		32-145		91	SPK: -150
1718-51-0	Terphenyl-d14	111.025		36-145		111	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	441817	7.904				
1146-65-2	Naphthalene-d8	1755316	10.704				
15067-26-2	Acenaphthene-d10	967640	14.545				
1517-22-2	Phenanthrene-d10	1847286	17.298				
1719-03-5	Chrysene-d12	1227045	21.497				
1520-96-3	Perylene-d12	1266503	23.891				



Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	EB-5-6-8	SDG No.:	BM021424
Lab Sample ID:	P1367-14	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
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
BM044082.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	EB-7-5-7	SDG No.:	BM021424
Lab Sample ID:	P1367-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044083.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	EB-7-5-7	SDG No.:	BM021424
Lab Sample ID:	P1367-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044083.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	EB-7-5-7	SDG No.:	BM021424
Lab Sample ID:	P1367-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044083.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	139.865		10-139		93	SPK: -150
13127-88-3	Phenol-d6	129.535		10-134		86	SPK: -150
4165-60-0	Nitrobenzene-d5	96.005		49-133		96	SPK: -100
321-60-8	2-Fluorobiphenyl	87.406		52-132		87	SPK: -100
118-79-6	2,4,6-Tribromophenol	134.739		32-145		90	SPK: -150
1718-51-0	Terphenyl-d14	99.621		36-145		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	486426	7.904				
1146-65-2	Naphthalene-d8	1972928	10.704				
15067-26-2	Acenaphthene-d10	1143990	14.545				
1517-22-2	Phenanthrene-d10	2283252	17.298				
1719-03-5	Chrysene-d12	1449929	21.497				
1520-96-3	Perylene-d12	1411739	23.891				



Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	EB-7-5-7	SDG No.:	BM021424
Lab Sample ID:	P1367-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BM044083.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	EB-7-5-7D	SDG No.:	BM021424
Lab Sample ID:	P1367-10	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044084.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	EB-7-5-7D	SDG No.:	BM021424
Lab Sample ID:	P1367-10	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044084.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	EB-7-5-7D	SDG No.:	BM021424
Lab Sample ID:	P1367-10	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044084.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	128.739		10-139		86	SPK: -150
13127-88-3	Phenol-d6	115.406		10-134		77	SPK: -150
4165-60-0	Nitrobenzene-d5	90.753		49-133		91	SPK: -100
321-60-8	2-Fluorobiphenyl	85.756		52-132		86	SPK: -100
118-79-6	2,4,6-Tribromophenol	126.114		32-145		84	SPK: -150
1718-51-0	Terphenyl-d14	91.164		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	455914	7.904				
1146-65-2	Naphthalene-d8	1794732	10.704				
15067-26-2	Acenaphthene-d10	992793	14.545				
1517-22-2	Phenanthrene-d10	1952123	17.298				
1719-03-5	Chrysene-d12	1328621	21.497				
1520-96-3	Perylene-d12	1400570	23.891				



Report of Analysis

Client:		Date Collected:	2/2/2024 12:00:00 AM
Project:		Date Received:	2/2/2024 12:00:00 AM
Client Sample ID:	EB-7-5-7D	SDG No.:	BM021424
Lab Sample ID:	P1367-10	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044084.D	1	2/6/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158892

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BM021424
Lab Sample ID:	P1423-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BM044085.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BM021424
Lab Sample ID:	P1423-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BM044085.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BM021424
Lab Sample ID:	P1423-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BM044085.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	141.883		10-139		95	SPK: -150
13127-88-3	Phenol-d6	130.298		10-134		87	SPK: -150
4165-60-0	Nitrobenzene-d5	96.963		49-133		97	SPK: -100
321-60-8	2-Fluorobiphenyl	91.549		52-132		92	SPK: -100
118-79-6	2,4,6-Tribromophenol	112.72		32-145		75	SPK: -150
1718-51-0	Terphenyl-d14	94.304		36-145		94	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	500376	7.904				
1146-65-2	Naphthalene-d8	2061634	10.704				
15067-26-2	Acenaphthene-d10	1146324	14.545				
1517-22-2	Phenanthrene-d10	2173416	17.298				
1719-03-5	Chrysene-d12	1414545	21.497				
1520-96-3	Perylene-d12	1397978	23.897				

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BM021424
Lab Sample ID:	P1423-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BM044085.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	TP-3MS	SDG No.:	BM021424
Lab Sample ID:	P1423-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044086.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	510		20.2	80	100	ug/L
110-86-1	Pyridine	380		17.8	40	50	ug/L
100-52-7	Benzaldehyde	91.3	J	32.8	80	100	ug/L
62-53-3	Aniline	220		24.2	40	50	ug/L
108-95-2	Phenol	470		14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	490		16.5	40	50	ug/L
95-57-8	2-Chlorophenol	520		13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	430		12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	410		17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	420		14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	530		23.8	80	100	ug/L
95-48-7	2-Methylphenol	510		20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	470		22.6	40	50	ug/L
98-86-2	Acetophenone	490		17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	500		21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	500		19.8	25	25	ug/L
67-72-1	Hexachloroethane	420		16.4	40	50	ug/L
98-95-3	Nitrobenzene	460		17.2	40	50	ug/L
78-59-1	Isophorone	480		17.1	40	50	ug/L
88-75-5	2-Nitrophenol	490		23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	570		29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	490		20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	510		16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	430		17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	440		16.9	40	50	ug/L
106-47-8	4-Chloroaniline	69.1		25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	390		19.3	40	50	ug/L
105-60-2	Caprolactam	380		34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	500		17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	450		22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	TP-3MS	SDG No.:	BM021424
Lab Sample ID:	P1423-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044086.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	1100	E	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	510		15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	480		15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	500		17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	490		15.9	40	50	ug/L
88-74-4	2-Nitroaniline	540		23.7	40	50	ug/L
131-11-3	Dimethylphthalate	490		18.8	40	50	ug/L
208-96-8	Acenaphthylene	520		21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	480		21	40	50	ug/L
99-09-2	3-Nitroaniline	260		23.6	40	50	ug/L
83-32-9	Acenaphthene	490		17.2	40	50	ug/L
Total PAH	Total PAH	8180		309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	83.5	J	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	690		28	80	100	ug/L
132-64-9	Dibenzofuran	480		15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	960		46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	480		25.4	40	50	ug/L
84-66-2	Diethylphthalate	480		20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	460		22.2	40	50	ug/L
86-73-7	Fluorene	480		20.4	40	50	ug/L
100-01-6	4-Nitroaniline	440		23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	45.9	J	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	540		19.5	40	50	ug/L
103-33-3	Azobenzene	520		16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	510		19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	460		19.1	40	50	ug/L
1912-24-9	Atrazine	600		35	40	50	ug/L
87-86-5	Pentachlorophenol	210		25.5	80	100	ug/L
85-01-8	Phenanthrene	510		20	40	50	ug/L
120-12-7	Anthracene	520		22.8	40	50	ug/L
86-74-8	Carbazole	470		17	40	50	ug/L
84-74-2	Di-n-butylphthalate	510		24	40	50	ug/L
206-44-0	Fluoranthene	450		20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	TP-3MS	SDG No.:	BM021424
Lab Sample ID:	P1423-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044086.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	610		65.8	80	100	ug/L
129-00-0	Pyrene	550		18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	600		28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	400		53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	520		14.5	40	50	ug/L
218-01-9	Chrysene	510		15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	570		29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	570		31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	530		15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	510		18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	540		27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	550		20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	540		19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	520		19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	480		20.6	40	50	ug/L
123-91-1	1,4-Dioxane	400		24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	400		13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	440		20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	139.308		10-139		93	SPK: -150
13127-88-3	Phenol-d6	128.021		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	92.998		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	91.252		52-132		91	SPK: -100
118-79-6	2,4,6-Tribromophenol	111.293		32-145		74	SPK: -150
1718-51-0	Terphenyl-d14	99.619		36-145		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	485632	7.904				
1146-65-2	Naphthalene-d8	2038598	10.704				
15067-26-2	Acenaphthene-d10	1079909	14.545				
1517-22-2	Phenanthrene-d10	1946125	17.298				
1719-03-5	Chrysene-d12	1253127	21.503				
1520-96-3	Perylene-d12	1388830	23.897				



Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	TP-3MS	SDG No.:	BM021424
Lab Sample ID:	P1423-02MS	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044086.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	TP-3MSD	SDG No.:	BM021424
Lab Sample ID:	P1423-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044087.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	460		20.2	80	100	ug/L
110-86-1	Pyridine	350		17.8	40	50	ug/L
100-52-7	Benzaldehyde	92.5	J	32.8	80	100	ug/L
62-53-3	Aniline	220		24.2	40	50	ug/L
108-95-2	Phenol	440		14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	460		16.5	40	50	ug/L
95-57-8	2-Chlorophenol	500		13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	400		12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	390		17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	390		14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	500		23.8	80	100	ug/L
95-48-7	2-Methylphenol	480		20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	440		22.6	40	50	ug/L
98-86-2	Acetophenone	460		17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	480		21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	460		19.8	25	25	ug/L
67-72-1	Hexachloroethane	400		16.4	40	50	ug/L
98-95-3	Nitrobenzene	430		17.2	40	50	ug/L
78-59-1	Isophorone	450		17.1	40	50	ug/L
88-75-5	2-Nitrophenol	470		23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	550		29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	460		20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	480		16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	410		17	40	50	ug/L
65-85-0	Benzoic acid	91	J	66.5	80	100	ug/L
91-20-3	Naphthalene	420		16.9	40	50	ug/L
106-47-8	4-Chloroaniline	74.3		25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	370		19.3	40	50	ug/L
105-60-2	Caprolactam	370		34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	460		17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	420		22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	TP-3MSD	SDG No.:	BM021424
Lab Sample ID:	P1423-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044087.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	910	E	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	490		15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	460		15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	470		17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	460		15.9	40	50	ug/L
88-74-4	2-Nitroaniline	510		23.7	40	50	ug/L
131-11-3	Dimethylphthalate	460		18.8	40	50	ug/L
208-96-8	Acenaphthylene	490		21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	460		21	40	50	ug/L
99-09-2	3-Nitroaniline	260		23.6	40	50	ug/L
83-32-9	Acenaphthene	460		17.2	40	50	ug/L
Total PAH	Total PAH	7600		309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	79.3	J	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	690		28	80	100	ug/L
132-64-9	Dibenzofuran	460		15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	420		46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	460		25.4	40	50	ug/L
84-66-2	Diethylphthalate	460		20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	430		22.2	40	50	ug/L
86-73-7	Fluorene	450		20.4	40	50	ug/L
100-01-6	4-Nitroaniline	440		23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	43.4	J	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	500		19.5	40	50	ug/L
103-33-3	Azobenzene	480		16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	480		19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	440		19.1	40	50	ug/L
1912-24-9	Atrazine	560		35	40	50	ug/L
87-86-5	Pentachlorophenol	230		25.5	80	100	ug/L
85-01-8	Phenanthrene	480		20	40	50	ug/L
120-12-7	Anthracene	490		22.8	40	50	ug/L
86-74-8	Carbazole	460		17	40	50	ug/L
84-74-2	Di-n-butylphthalate	480		24	40	50	ug/L
206-44-0	Fluoranthene	440		20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	TP-3MSD	SDG No.:	BM021424
Lab Sample ID:	P1423-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044087.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	600		65.8	80	100	ug/L
129-00-0	Pyrene	500		18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	550		28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	390		53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	480		14.5	40	50	ug/L
218-01-9	Chrysene	480		15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	520		29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	530		31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	480		15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	480		18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	500		27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	490		20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	490		19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	470		19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	460		20.6	40	50	ug/L
123-91-1	1,4-Dioxane	370		24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	390		13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	410		20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	129.561		10-139		86	SPK: -150
13127-88-3	Phenol-d6	118.61		10-134		79	SPK: -150
4165-60-0	Nitrobenzene-d5	87.566		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	84.845		52-132		85	SPK: -100
118-79-6	2,4,6-Tribromophenol	105.887		32-145		71	SPK: -150
1718-51-0	Terphenyl-d14	85.236		36-145		85	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	523550	7.904				
1146-65-2	Naphthalene-d8	2197898	10.704				
15067-26-2	Acenaphthene-d10	1159919	14.545				
1517-22-2	Phenanthrene-d10	2132752	17.298				
1719-03-5	Chrysene-d12	1490957	21.503				
1520-96-3	Perylene-d12	1718554	23.897				



Report of Analysis

Client:		Date Collected:	2/8/2024 12:00:00 AM
Project:		Date Received:	2/8/2024 12:00:00 AM
Client Sample ID:	TP-3MSD	SDG No.:	BM021424
Lab Sample ID:	P1423-02MSD	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Injection Volume :		Decanted :	Level : LOW
		GPC Factor :	GPC Cleanup : PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044087.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	RT3475	SDG No.:	BM021424
Lab Sample ID:	P1446-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100 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
BM044088.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	RT3475	SDG No.:	BM021424
Lab Sample ID:	P1446-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BM044088.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	RT3475	SDG No.:	BM021424
Lab Sample ID:	P1446-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BM044088.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	134.983		10-139		90	SPK: -150
13127-88-3	Phenol-d6	122.388		10-134		82	SPK: -150
4165-60-0	Nitrobenzene-d5	94.066		49-133		94	SPK: -100
321-60-8	2-Fluorobiphenyl	84.936		52-132		85	SPK: -100
118-79-6	2,4,6-Tribromophenol	111.215		32-145		74	SPK: -150
1718-51-0	Terphenyl-d14	95.602		36-145		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	547875	7.904				
1146-65-2	Naphthalene-d8	2354734	10.704				
15067-26-2	Acenaphthene-d10	1357891	14.545				
1517-22-2	Phenanthrene-d10	2601985	17.298				
1719-03-5	Chrysene-d12	1632192	21.498				
1520-96-3	Perylene-d12	1641891	23.886				



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

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	RT3475	SDG No.:	BM021424
Lab Sample ID:	P1446-02	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 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
BM044088.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BM021424
Lab Sample ID:	P1453-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BM044089.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BM021424
Lab Sample ID:	P1453-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BM044089.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BM021424
Lab Sample ID:	P1453-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BM044089.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	154.241		10-139		103	SPK: -150
13127-88-3	Phenol-d6	142.153		10-134		95	SPK: -150
4165-60-0	Nitrobenzene-d5	105.73		49-133		106	SPK: -100
321-60-8	2-Fluorobiphenyl	94.821		52-132		95	SPK: -100
118-79-6	2,4,6-Tribromophenol	133.708		32-145		89	SPK: -150
1718-51-0	Terphenyl-d14	108.892		36-145		109	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	491659	7.904				
1146-65-2	Naphthalene-d8	2111187	10.704				
15067-26-2	Acenaphthene-d10	1243682	14.545				
1517-22-2	Phenanthrene-d10	2460147	17.298				
1719-03-5	Chrysene-d12	1549899	21.497				
1520-96-3	Perylene-d12	1562424	23.891				



Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	TP-3	SDG No.:	BM021424
Lab Sample ID:	P1453-04	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044089.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BM021424
Lab Sample ID:	P1453-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	Units:	mL
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
	Decanted :	Level :	LOW
Injection Volume :		GPC Cleanup :	PH :
	GPC Factor :		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044090.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	20.2	U	20.2	80	100	ug/L
110-86-1	Pyridine	17.8	U	17.8	40	50	ug/L
100-52-7	Benzaldehyde	32.8	U	32.8	80	100	ug/L
62-53-3	Aniline	24.2	U	24.2	40	50	ug/L
108-95-2	Phenol	14.8	U	14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	16.5	U	16.5	40	50	ug/L
95-57-8	2-Chlorophenol	13.5	U	13.5	40	50	ug/L
95-50-1	1,2-Dichlorobenzene	12.5	U	12.5	40	50	ug/L
541-73-1	1,3-Dichlorobenzene	17.4	U	17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	14.3	U	14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	23.8	U	23.8	80	100	ug/L
95-48-7	2-Methylphenol	20.6	U	20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	22.6	U	22.6	40	50	ug/L
98-86-2	Acetophenone	17.9	U	17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	21.6	U	21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	19.8	U	19.8	25	25	ug/L
67-72-1	Hexachloroethane	16.4	U	16.4	40	50	ug/L
98-95-3	Nitrobenzene	17.2	U	17.2	40	50	ug/L
78-59-1	Isophorone	17.1	U	17.1	40	50	ug/L
88-75-5	2-Nitrophenol	23.8	U	23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	29.6	U	29.6	40	50	ug/L
111-91-1	bis(2-Chloroethoxy)methane	20.4	U	20.4	40	50	ug/L
120-83-2	2,4-Dichlorophenol	16.9	U	16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	17	U	17	40	50	ug/L
65-85-0	Benzoic acid	66.5	U	66.5	80	100	ug/L
91-20-3	Naphthalene	16.9	U	16.9	40	50	ug/L
106-47-8	4-Chloroaniline	25.4	U	25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	19.3	U	19.3	40	50	ug/L
105-60-2	Caprolactam	34.3	U	34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	17.5	U	17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	22.3	U	22.3	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BM021424
Lab Sample ID:	P1453-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BM044090.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	57.4	U	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	15.2	U	15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	15.7	U	15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	17.9	U	17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	15.9	U	15.9	40	50	ug/L
88-74-4	2-Nitroaniline	23.7	U	23.7	40	50	ug/L
131-11-3	Dimethylphthalate	18.8	U	18.8	40	50	ug/L
208-96-8	Acenaphthylene	21.4	U	21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	21	U	21	40	50	ug/L
99-09-2	3-Nitroaniline	23.6	U	23.6	40	50	ug/L
83-32-9	Acenaphthene	17.2	U	17.2	40	50	ug/L
Total PAH	Total PAH	309	U	309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	54.5	U	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	28	U	28	80	100	ug/L
132-64-9	Dibenzofuran	15.8	U	15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	46.4	U	46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	25.4	U	25.4	40	50	ug/L
84-66-2	Diethylphthalate	20.5	U	20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	22.2	U	22.2	40	50	ug/L
86-73-7	Fluorene	20.4	U	20.4	40	50	ug/L
100-01-6	4-Nitroaniline	23.4	U	23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	18	U	18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	19.5	U	19.5	40	50	ug/L
103-33-3	Azobenzene	16.4	U	16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	19.5	U	19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	19.1	U	19.1	40	50	ug/L
1912-24-9	Atrazine	35	U	35	40	50	ug/L
87-86-5	Pentachlorophenol	25.5	U	25.5	80	100	ug/L
85-01-8	Phenanthrene	20	U	20	40	50	ug/L
120-12-7	Anthracene	22.8	U	22.8	40	50	ug/L
86-74-8	Carbazole	17	U	17	40	50	ug/L
84-74-2	Di-n-butylphthalate	24	U	24	40	50	ug/L
206-44-0	Fluoranthene	20.5	U	20.5	40	50	ug/L

Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BM021424
Lab Sample ID:	P1453-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BM044090.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	65.8	U	65.8	80	100	ug/L
129-00-0	Pyrene	18.9	U	18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	28	U	28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	53.8	U	53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	14.5	U	14.5	40	50	ug/L
218-01-9	Chrysene	15.7	U	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	29.3	U	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	31.3	U	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	15	U	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	18.7	U	18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	27	U	27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	20.9	U	20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	19.8	U	19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	19.3	U	19.3	40	50	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	20.6	U	20.6	40	50	ug/L
123-91-1	1,4-Dioxane	24.4	U	24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	13.1	U	13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	20.8	U	20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	136.997		10-139		91	SPK: -150
13127-88-3	Phenol-d6	128.19		10-134		85	SPK: -150
4165-60-0	Nitrobenzene-d5	92.631		49-133		93	SPK: -100
321-60-8	2-Fluorobiphenyl	85.576		52-132		86	SPK: -100
118-79-6	2,4,6-Tribromophenol	114.569		32-145		76	SPK: -150
1718-51-0	Terphenyl-d14	97.716		36-145		98	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	528936	7.904				
1146-65-2	Naphthalene-d8	2229308	10.704				
15067-26-2	Acenaphthene-d10	1281676	14.545				
1517-22-2	Phenanthrene-d10	2492616	17.298				
1719-03-5	Chrysene-d12	1535527	21.497				
1520-96-3	Perylene-d12	1600142	23.891				



Report of Analysis

Client:		Date Collected:	2/9/2024 12:00:00 AM
Project:		Date Received:	2/9/2024 12:00:00 AM
Client Sample ID:	TP-2	SDG No.:	BM021424
Lab Sample ID:	P1453-08	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	100	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
BM044090.D	1	2/12/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158983

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	DUP-020624	SDG No.:	BM021424
Lab Sample ID:	P1394-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.3
Sample Wt/Vol:	30.05 Units: g	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
BM044091.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	88	U	88	310	380	ug/Kg
110-86-1	Pyridine	82.4	U	82.4	150	190	ug/Kg
100-52-7	Benzaldehyde	170	U	170	310	380	ug/Kg
62-53-3	Aniline	130	U	130	150	190	ug/Kg
108-95-2	Phenol	84.7	U	84.7	150	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	100	U	100	150	190	ug/Kg
95-57-8	2-Chlorophenol	82	U	82	150	190	ug/Kg
95-50-1	1,2-Dichlorobenzene	93	U	93	150	190	ug/Kg
541-73-1	1,3-Dichlorobenzene	100	U	100	150	190	ug/Kg
106-46-7	1,4-Dichlorobenzene	93.8	U	93.8	150	190	ug/Kg
100-51-6	Benzyl Alcohol	110	U	110	310	380	ug/Kg
95-48-7	2-Methylphenol	130	U	130	150	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	150	190	ug/Kg
98-86-2	Acetophenone	98.7	U	98.7	150	190	ug/Kg
65794-96-9	3+4-Methylphenols	120	U	120	310	380	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	67.2	U	67.2	91.1	91.1	ug/Kg
67-72-1	Hexachloroethane	83.8	U	83.8	150	190	ug/Kg
98-95-3	Nitrobenzene	85.6	U	85.6	150	190	ug/Kg
78-59-1	Isophorone	77.5	U	77.5	150	190	ug/Kg
88-75-5	2-Nitrophenol	110	U	110	150	190	ug/Kg
105-67-9	2,4-Dimethylphenol	110	U	110	150	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	130	U	130	150	190	ug/Kg
120-83-2	2,4-Dichlorophenol	88.9	U	88.9	150	190	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	88.2	U	88.2	150	190	ug/Kg
65-85-0	Benzoic acid	240	U	240	310	380	ug/Kg
91-20-3	Naphthalene	92.7	U	92.7	150	190	ug/Kg
106-47-8	4-Chloroaniline	120	U	120	150	190	ug/Kg
87-68-3	Hexachlorobutadiene	95.6	U	95.6	150	190	ug/Kg
105-60-2	Caprolactam	130	U	130	310	380	ug/Kg
59-50-7	4-Chloro-3-methylphenol	93.9	U	93.9	150	190	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	DUP-020624	SDG No.:	BM021424
Lab Sample ID:	P1394-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.3
Sample Wt/Vol:	30.05 Units: g	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
BM044091.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	240	U	240	310	380	ug/Kg
88-06-2	2,4,6-Trichlorophenol	87.8	U	87.8	150	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	100	U	100	150	190	ug/Kg
92-52-4	1,1-Biphenyl	100	U	100	150	190	ug/Kg
91-58-7	2-Chloronaphthalene	96.3	U	96.3	150	190	ug/Kg
88-74-4	2-Nitroaniline	110	U	110	150	190	ug/Kg
131-11-3	Dimethylphthalate	100	U	100	150	190	ug/Kg
208-96-8	Acenaphthylene	100	U	100	150	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	100	U	100	150	190	ug/Kg
99-09-2	3-Nitroaniline	110	U	110	150	190	ug/Kg
83-32-9	Acenaphthene	91.4	U	91.4	150	190	ug/Kg
Total PAH	Total PAH	1651.6	U	1651.6	150	3040	ug/Kg
51-28-5	2,4-Dinitrophenol	200	U	200	310	380	ug/Kg
100-02-7	4-Nitrophenol	130	U	130	310	380	ug/Kg
132-64-9	Dibenzofuran	87.5	U	87.5	150	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	150	190	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	210	U	210	150	380	ug/Kg
84-66-2	Diethylphthalate	97.8	U	97.8	150	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	100	U	100	150	190	ug/Kg
86-73-7	Fluorene	96.5	U	96.5	150	190	ug/Kg
100-01-6	4-Nitroaniline	120	U	120	150	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	99.9	U	99.9	310	380	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	150	190	ug/Kg
103-33-3	Azobenzene	83.7	U	83.7	150	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	110	U	110	150	190	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	150	190	ug/Kg
1912-24-9	Atrazine	110	U	110	150	190	ug/Kg
87-86-5	Pentachlorophenol	130	U	130	310	380	ug/Kg
85-01-8	Phenanthrene	110	U	110	150	190	ug/Kg
120-12-7	Anthracene	120	U	120	150	190	ug/Kg
86-74-8	Carbazole	96.6	U	96.6	150	190	ug/Kg
84-74-2	Di-n-butylphthalate	120	U	120	150	190	ug/Kg
206-44-0	Fluoranthene	110	U	110	150	190	ug/Kg

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	DUP-020624	SDG No.:	BM021424
Lab Sample ID:	P1394-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.3
Sample Wt/Vol:	30.05	Units:	g
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
BM044091.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benzidine	220	U	220	310	380	ug/Kg
129-00-0	Pyrene	95.3	U	95.3	150	190	ug/Kg
85-68-7	Butylbenzylphthalate	120	U	120	150	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	180	U	180	310	380	ug/Kg
56-55-3	Benzo(a)anthracene	95.5	U	95.5	150	190	ug/Kg
218-01-9	Chrysene	98.8	U	98.8	150	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	130	U	130	150	190	ug/Kg
117-84-0	Di-n-octyl phthalate	140	U	140	310	380	ug/Kg
205-99-2	Benzo(b)fluoranthene	91.4	U	91.4	150	190	ug/Kg
207-08-9	Benzo(k)fluoranthene	100	U	100	150	190	ug/Kg
50-32-8	Benzo(a)pyrene	110	U	110	150	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	120	U	120	150	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	150	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	150	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	100	U	100	150	190	ug/Kg
123-91-1	1,4-Dioxane	130	U	130	150	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	94.4	U	94.4	150	190	ug/Kg
90-12-0	1-Methylnaphthalene	100	U	100	190	190	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	99.411		18-112		66	SPK: -150
13127-88-3	Phenol-d6	97.71		15-107		65	SPK: -150
4165-60-0	Nitrobenzene-d5	60.932		18-107		61	SPK: -100
321-60-8	2-Fluorobiphenyl	59.531		20-109		60	SPK: -100
118-79-6	2,4,6-Tribromophenol	20.051		10-110		13	SPK: -150
1718-51-0	Terphenyl-d14	66.57		14-112		67	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	422879	7.904				
1146-65-2	Naphthalene-d8	1734439	10.704				
15067-26-2	Acenaphthene-d10	1038113	14.545				
1517-22-2	Phenanthrene-d10	2064427	17.298				
1719-03-5	Chrysene-d12	1490359	21.498				
1520-96-3	Perylene-d12	1492883	23.892				



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

Report of Analysis

Client:		Date Collected:	2/6/2024 12:00:00 AM
Project:		Date Received:	2/6/2024 12:00:00 AM
Client Sample ID:	DUP-020624	SDG No.:	BM021424
Lab Sample ID:	P1394-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	12.3
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	1000 uL
Extraction Type :		Test:	
Injection Volume :		Level :	LOW
		Decanted :	
		GPC Factor :	
		GPC Cleanup :	PH :

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM044091.D	1	2/9/2024 12:00:00 AM	2/14/2024 12:00:00 AM	PB158945

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000540-97-6	Cyclohexasiloxane, dodecamethyl-	130	J			11.957	
000615-58-7	Phenol, 2,4-dibromo-	200	J			12.98	
016980-85-1	Pentacos-1-ene	190	J			21.221	



Hit Summary Sheet
SW-846

SDG No.: BM021424

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID : DUP-020624								
P1394-05	DUP-020624	Solid	Cyclohexasiloxane, dodecamethyl *	130.000	J			
P1394-05	DUP-020624	Solid	Pentacos-1-ene *	190.000	J			
P1394-05	DUP-020624	Solid	Phenol, 2,4-dibromo- *	200.000	J			
Total Tics :					520.00			
Total Concentration:					520.00			
Client ID : ETGI-362								
P1449-02	ETGI-362	water	Benzidine	130.000	65.8		100	ug/L
Total Svoc :					130.00			
Total Concentration:					130.00			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM020824

SAS No.: BM020824

SDG No.: BM020824

Instrument ID: _____

Calibration Date(s): 2/8/2024 1: _____

Calibration Time(s): 13:19 _____

LAB FILE ID:		RRF2.5 = BM044019.D			RRF005 = BM044020.D		RRF010 = BM044021.D	
		RRF020 = BM044022.D			RRF040 = BM044023.D		RRF050 = BM044024.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.513	0.536	0.548	0.541	0.552	0.547	3.5
Pyridine		1.422	1.443	1.447	1.417	1.425	1.441	1.5
2-Fluorophenol		1.424	1.407	1.400	1.330	1.350	1.375	2.6
Benzaldehyde			1.101	1.008	0.875	0.838	0.899	14.7
Aniline		1.699	1.700	1.762	1.707	1.718	1.720	1.6
Phenol-d6		1.781	1.804	1.812	1.708	1.715	1.750	2.9
Phenol		1.784	1.780	1.825	1.722	1.748	1.766	2.1
bis(2-Chloroethyl)ether		1.471	1.487	1.511	1.424	1.440	1.462	2.2
2-Chlorophenol		1.467	1.457	1.483	1.393	1.415	1.436	2.3
1,2-Dichlorobenzene		1.634	1.634	1.627	1.512	1.522	1.566	4.0
1,3-Dichlorobenzene		1.701	1.674	1.674	1.578	1.585	1.630	3.2
1,4-Dichlorobenzene		1.716	1.686	1.692	1.589	1.598	1.643	3.2
Benzyl Alcohol		1.108	1.142	1.192	1.126	1.139	1.139	2.4
2-Methylphenol		1.160	1.175	1.204	1.136	1.142	1.159	2.3
2,2-oxybis(1-Chloropropane)		1.925	1.925	1.927	1.804	1.807	1.854	3.7
Acetophenone		0.514	0.524	0.522	0.498	0.502	0.508	2.7
3+4-Methylphenols		1.545	1.632	1.672	1.581	1.568	1.595	2.8
n-Nitroso-di-n-propylamine	1.098	1.108	1.118	1.151	1.054	1.042	1.074	5.0
Nitrobenzene-d5		0.378	0.378	0.385	0.370	0.376	0.377	1.4
Hexachloroethane		0.619	0.636	0.630	0.595	0.603	0.615	2.4
Nitrobenzene		0.387	0.386	0.393	0.381	0.384	0.386	1.2
Isophorone		0.711	0.728	0.747	0.719	0.722	0.726	1.8
2-Nitrophenol		0.154	0.168	0.178	0.180	0.187	0.179	7.8
2,4-Dimethylphenol		0.216	0.228	0.232	0.228	0.231	0.229	2.8
bis(2-Chloroethoxy)methane		0.475	0.478	0.478	0.460	0.464	0.469	1.9
2,4-Dichlorophenol		0.278	0.294	0.306	0.300	0.307	0.301	4.1
1,2,4-Trichlorobenzene		0.344	0.336	0.344	0.331	0.336	0.339	1.5
Benzoic acid			0.176	0.217	0.232	0.244	0.230	13.3
Naphthalene		1.135	1.134	1.128	1.073	1.090	1.104	2.6
4-Chloroaniline		0.412	0.415	0.423	0.411	0.419	0.418	1.6
Hexachlorobutadiene		0.196	0.196	0.197	0.189	0.193	0.194	1.7
Caprolactam		0.085	0.091	0.096	0.097	0.101	0.097	7.5
4-Chloro-3-methylphenol		0.307	0.322	0.334	0.325	0.330	0.326	3.2
2-Methylnaphthalene		0.764	0.757	0.757	0.721	0.719	0.735	3.2
Hexachlorocyclopentadiene		0.235	0.239	0.258	0.256	0.260	0.254	4.8
2,4,6-Trichlorophenol		0.362	0.377	0.401	0.398	0.409	0.396	4.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM Case No.: BM020824

SAS No.: BM020824

SDG No.: BM020824

Instrument ID:

Calibration Date(s): 2/8/2024 1:

Calibration Time(s): 13:19

LAB FILE ID:		RRF2.5 = BM044019.D			RRF005 = BM044020.D		RRF010 = BM044021.D	
		RRF020 = BM044022.D			RRF040 = BM044023.D		RRF050 = BM044024.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.534	1.515	1.495	1.381	1.359	1.417	6.9
2,4,5-Trichlorophenol		0.389	0.418	0.442	0.437	0.446	0.434	5.5
1,1-Biphenyl		1.611	1.607	1.635	1.554	1.555	1.578	2.7
2-Chloronaphthalene		1.255	1.260	1.284	1.231	1.238	1.250	1.6
2-Nitroaniline		0.315	0.330	0.351	0.353	0.365	0.352	6.4
Dimethylphthalate		1.517	1.496	1.501	1.456	1.470	1.483	1.8
Acenaphthylene		1.849	1.892	1.913	1.849	1.853	1.865	1.8
2,6-Dinitrotoluene		0.301	0.318	0.330	0.330	0.332	0.327	4.3
3-Nitroaniline		0.300	0.328	0.347	0.357	0.367	0.352	8.4
Acenaphthene		1.194	1.175	1.190	1.131	1.133	1.154	2.8
2,4-Dinitrophenol			0.124	0.152	0.167	0.184	0.170	17.0
4-Nitrophenol		0.223	0.257	0.277	0.293	0.311	0.286	12.8
Dibenzofuran		1.876	1.862	1.835	1.746	1.743	1.787	4.0
2,4-Dinitrotoluene		0.366	0.407	0.423	0.435	0.449	0.428	7.7
Diethylphthalate		1.557	1.555	1.548	1.500	1.521	1.533	1.8
4-Chlorophenyl-phenylether		0.729	0.724	0.703	0.653	0.639	0.669	7.5
Fluorene		1.509	1.485	1.451	1.343	1.319	1.381	7.3
4-Nitroaniline		0.298	0.336	0.346	0.356	0.370	0.354	8.9
4,6-Dinitro-2-methylphenol			0.097	0.113	0.117	0.126	0.119	11.0
n-Nitrosodiphenylamine		0.615	0.620	0.638	0.595	0.600	0.608	2.9
Azobenzene		1.422	1.471	1.474	1.422	1.422	1.438	2.1
2,4,6-Tribromophenol		0.197	0.209	0.218	0.219	0.223	0.217	4.9
4-Bromophenyl-phenylether		0.193	0.190	0.202	0.194	0.201	0.198	2.6
Hexachlorobenzene		0.248	0.247	0.251	0.237	0.238	0.242	2.5
Atrazine		0.189	0.186	0.180	0.171	0.154	0.165	14.0
Pentachlorophenol		0.138	0.152	0.163	0.162	0.164	0.158	6.2
Phenanthrene		1.102	1.095	1.090	1.033	1.032	1.056	3.6
Anthracene		1.062	1.072	1.078	1.029	1.031	1.046	2.4
Carbazole		1.025	1.046	1.036	1.000	1.006	1.017	2.0
Di-n-butylphthalate		1.248	1.303	1.351	1.325	1.356	1.322	3.0
Fluoranthene		1.208	1.217	1.195	1.159	1.180	1.186	2.0
Benzidine		0.345	0.210	0.169	0.411	0.344	0.311	28.3
Pyrene		1.518	1.538	1.583	1.509	1.533	1.540	1.8
Terphenyl-d14		1.233	1.242	1.239	1.117	1.081	1.141	8.4
Butylbenzylphthalate		0.575	0.618	0.686	0.695	0.730	0.685	9.6
3,3-Dichlorobenzidine		0.445	0.458	0.465	0.464	0.462	0.456	2.7

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM020824

SAS No.: BM020824

SDG No.: BM020824

Instrument ID: _____

Calibration Date(s): 2/8/2024 1: _____

Calibration Time(s): 13:19 _____

LAB FILE ID:		RRF2.5 = BM044019.D			RRF005 = BM044020.D		RRF010 = BM044021.D	
		RRF020 = BM044022.D			RRF040 = BM044023.D		RRF050 = BM044024.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.395	1.388	1.418	1.359	1.391	1.391	1.5
Chrysene		1.322	1.330	1.345	1.282	1.307	1.314	1.8
Bis(2-ethylhexyl)phthalate		0.919	0.988	1.064	1.030	1.041	1.010	4.9
Di-n-octyl phthalate		1.492	1.581	1.747	1.794	1.899	1.764	9.7
Benzo(b)fluoranthene		1.229	1.227	1.285	1.225	1.260	1.250	2.0
Benzo(k)fluoranthene		1.223	1.221	1.211	1.175	1.160	1.188	2.4
Benzo(a)pyrene		1.076	1.066	1.111	1.077	1.094	1.092	1.8
Indeno(1,2,3-cd)pyrene		1.398	1.393	1.446	1.398	1.415	1.416	1.5
Dibenzo(a,h)anthracene		1.187	1.174	1.219	1.177	1.175	1.184	1.5
Benzo(g,h,i)perylene		1.188	1.171	1.210	1.190	1.200	1.201	1.7
1,2,4,5-Tetrachlorobenzene		0.583	0.576	0.585	0.570	0.582	0.581	1.2
1,4-Dioxane		0.572	0.559	0.549	0.525	0.531	0.546	3.0
2,3,4,6-Tetrachlorophenol		0.325	0.339	0.349	0.342	0.341	0.341	2.6
1-Methylnaphthalene		0.760	0.748	0.740	0.701	0.706	0.722	3.8

All other compounds must meet a minimum RRF of 0.010.

Form VI SV-1



8B

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECHLab Code: CHEM Case No.: BM021424 SAS No.: BM021424 SDG NO.: BM021424EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 14 2024 12:00AMLab File ID: BM044023.D Time Analyzed: 09:55Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	355079	7.91	1.47701e+01	10.72	834562	14.56
	UPPER LIMIT	710158	8.41	2954020	11.216	1669124	15.057
	LOWER LIMIT	177539.5	7.41	738505	10.216	417281	14.057
	EPA SAMPLE NO.						
01	PB158892BL	408112	7.90	1.62003e	10.70	877125	14.55
02	PB158892BS	530969	7.90	2.23177e	10.71	1.18471e	14.55
03	PB158983BL	468686	7.90	1.90777e	10.70	1.08167e	14.55
04	PB158983BS	516912	7.91	2.18394e	10.70	1.16675e	14.55
05	PB158940TB	568350	7.90	2.33182e	10.70	1.35278e	14.55
06	TP2	463471	7.90	1.8256e+	10.70	1.0184e+	14.55
07	ETGI-362	460822	7.90	1.85841e	10.70	999462	14.55
08	EB-5-0-2	454934	7.90	1.81647e	10.70	1.00081e	14.55
09	EB-5-6-8	441817	7.90	1.75532e	10.70	967640	14.55
10	EB-7-5-7	486426	7.90	1.97293e	10.70	1.14399e	14.55
11	EB-7-5-7D	455914	7.90	1.79473e	10.70	992793	14.55
12	TP-3	500376	7.90	2.06163e	10.70	1.14632e	14.55
13	TP-3MS	485632	7.90	2.0386e+	10.70	1.07991e	14.55
14	TP-3MSD	523550	7.90	2.1979e+	10.70	1.15992e	14.55
15	RT3475	547875	7.90	2.35473e	10.70	1.35789e	14.55
16	TP-3	491659	7.90	2.11119e	10.70	1.24368e	14.55
17	TP-2	528936	7.90	2.22931e	10.70	1.28168e	14.55
18	DUP-020624	422879	7.90	1.73444e	10.70	1.03811e	14.55

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM021424 SAS No.: BM021424 SDG NO.: BM021424

EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 14 2024 12:00AM

Lab File ID: BM044023.D Time Analyzed: 20:15

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	355079	7.91	1.47701e+06	10.72	834562	14.56
UPPER LIMIT	710158	8.41	2954020	11.216	1669124	15.057
LOWER LIMIT	177539.5	7.41	738505	10.216	417281	14.057
EPA SAMPLE NO.						

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.: BM021424 SAS No.: BM021424 SDG NO.: BM021424EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 14 2024 12:00AMLab File ID: BM044073.D Time Analyzed: 09:55Instrument ID: BNA_M GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	412593	7.904	1.71236e+01	10.70	939187	14.55
	UPPER LIMIT	825186	8.404	3424720	11.204	1878374	15.045
	LOWER LIMIT	206296.5	7.404	856180	10.204	469593.5	14.045
	EPA SAMPLE NO.						
01	PB158892BL	408112	7.90	1.62003e	10.70	877125	14.55
02	PB158892BS	530969	7.90	2.23177e	10.71	1.18471e	14.55
03	PB158983BL	468686	7.90	1.90777e	10.70	1.08167e	14.55
04	PB158983BS	516912	7.91	2.18394e	10.70	1.16675e	14.55
05	PB158940TB	568350	7.90	2.33182e	10.70	1.35278e	14.55
06	TP2	463471	7.90	1.8256e+	10.70	1.0184e+	14.55
07	ETGI-362	460822	7.90	1.85841e	10.70	999462	14.55
08	EB-5-0-2	454934	7.90	1.81647e	10.70	1.00081e	14.55
09	EB-5-6-8	441817	7.90	1.75532e	10.70	967640	14.55
10	EB-7-5-7	486426	7.90	1.97293e	10.70	1.14399e	14.55
11	EB-7-5-7D	455914	7.90	1.79473e	10.70	992793	14.55
12	TP-3	500376	7.90	2.06163e	10.70	1.14632e	14.55
13	TP-3MS	485632	7.90	2.0386e+	10.70	1.07991e	14.55
14	TP-3MSD	523550	7.90	2.1979e+	10.70	1.15992e	14.55
15	RT3475	547875	7.90	2.35473e	10.70	1.35789e	14.55
16	TP-3	491659	7.90	2.11119e	10.70	1.24368e	14.55
17	TP-2	528936	7.90	2.22931e	10.70	1.28168e	14.55
18	DUP-020624	422879	7.90	1.73444e	10.70	1.03811e	14.55

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM021424 SAS No.: BM021424 SDG NO.: BM021424

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 14 2024 12:00AM

Lab File ID: BM044073.D Time Analyzed: 20:15

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	412593	7.904	1.71236e+04	10.70	939187	14.55
UPPER LIMIT	825186	8.404	3424720	11.204	1878374	15.045
LOWER LIMIT	206296.5	7.404	856180	10.204	469593.5	14.045
EPA SAMPLE NO.						

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

IS2 (NPT) = Naphthalene-d8

IS3 (ANT) = Acenaphthene-d10

AREA UPPER LIMIT = +100% of internal standard area

AREA LOWER LIMIT = -50% of internal standard area

RT UPPER LIMIT = +0.50 minutes of internal standard RT

RT UPPER LIMIT = -0.50 minutes of internal standard RT

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

* Values outside of QC limits.



8C

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM021424 SAS No.: BM021424 SDG NO.: BM021424

EPA Sample No.: SSTDICCC040

Date Analyzed: Feb 14 2024 12:00AM

Lab File ID: BM044023.D

Time Analyzed: 09:55

Instrument ID: BNA_M

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.63208e+01	17.304	1.30682e+	21.503	1.49934e+01	23.897
UPPER LIMIT	3264160	17.804	2613640	22.003	2998680	24.397
LOWER LIMIT	816040	16.804	653410	21.003	749670	23.397
EPA SAMPLE NO.						
01 PB158892BL	1.66595	17.30	1.17759e+	21.50	1.23344e+	23.89
02 PB158892BS	2.04585	17.30	1.23946e+	21.50	1.17017e+	23.89
03 PB158983BL	2.11263	17.30	1.36319e+	21.50	1.33765e+	23.90
04 PB158983BS	2.02608	17.30	1.23784e+	21.50	1.17979e+	23.89
05 PB158940TB	2.64211	17.30	1.66283e+	21.50	1.54624e+	23.90
06 TP2	1.97786	17.30	1.37084e+	21.50	1.40111e+	23.89
07 ETGI-362	1.88235	17.30	1.30592e+	21.50	1.29712e+	23.89
08 EB-5-0-2	1.92937	17.30	1.32195e+	21.50	1.35785e+	23.89
09 EB-5-6-8	1.84729	17.30	1.22705e+	21.50	1.2665e+0	23.89
10 EB-7-5-7	2.28325	17.30	1.44993e+	21.50	1.41174e+	23.89
11 EB-7-5-7D	1.95212	17.30	1.32862e+	21.50	1.40057e+	23.89
12 TP-3	2.17342	17.30	1.41455e+	21.50	1.39798e+	23.90
13 TP-3MS	1.94613	17.30	1.25313e+	21.50	1.38883e+	23.90
14 TP-3MSD	2.13275	17.30	1.49096e+	21.50	1.71855e+	23.90
15 RT3475	2.60199	17.30	1.63219e+	21.50	1.64189e+	23.89
16 TP-3	2.46015	17.30	1.5499e+0	21.50	1.56242e+	23.89
17 TP-2	2.49262	17.30	1.53553e+	21.50	1.60014e+	23.89
18 DUP-020624	2.06443	17.30	1.49036e+	21.50	1.49288e+	23.89

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM021424 SAS No.: BM021424 SDG NO.: BM021424

EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 14 2024 12:00AM

Lab File ID: BM044023.D Time Analyzed: 20:15

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.63208e+01	17.304	1.30682e+01	21.503	1.49934e+01	23.897
UPPER LIMIT	3264160	17.804	2613640	22.003	2998680	24.397
LOWER LIMIT	816040	16.804	653410	21.003	749670	23.397
EPA SAMPLE NO.						

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.: BM021424 SAS No.: BM021424 SDG NO.: BM021424

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 14 2024 12:00AM

Lab File ID: BM044073.D Time Analyzed: 09:55

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.77933e+0	17.298	1.37489e+	21.503	1.64589e+0	23.897
UPPER LIMIT	3558660	17.798	2749780	22.003	3291780	24.397
LOWER LIMIT	889665	16.798	687445	21.003	822945	23.397
EPA SAMPLE NO.						
01 PB158892BL	1.66595	17.30	1.17759e+	21.50	1.23344e+	23.89
02 PB158892BS	2.04585	17.30	1.23946e+	21.50	1.17017e+	23.89
03 PB158983BL	2.11263	17.30	1.36319e+	21.50	1.33765e+	23.90
04 PB158983BS	2.02608	17.30	1.23784e+	21.50	1.17979e+	23.89
05 PB158940TB	2.64211	17.30	1.66283e+	21.50	1.54624e+	23.90
06 TP2	1.97786	17.30	1.37084e+	21.50	1.40111e+	23.89
07 ETGI-362	1.88235	17.30	1.30592e+	21.50	1.29712e+	23.89
08 EB-5-0-2	1.92937	17.30	1.32195e+	21.50	1.35785e+	23.89
09 EB-5-6-8	1.84729	17.30	1.22705e+	21.50	1.2665e+0	23.89
10 EB-7-5-7	2.28325	17.30	1.44993e+	21.50	1.41174e+	23.89
11 EB-7-5-7D	1.95212	17.30	1.32862e+	21.50	1.40057e+	23.89
12 TP-3	2.17342	17.30	1.41455e+	21.50	1.39798e+	23.90
13 TP-3MS	1.94613	17.30	1.25313e+	21.50	1.38883e+	23.90
14 TP-3MSD	2.13275	17.30	1.49096e+	21.50	1.71855e+	23.90
15 RT3475	2.60199	17.30	1.63219e+	21.50	1.64189e+	23.89
16 TP-3	2.46015	17.30	1.5499e+0	21.50	1.56242e+	23.89
17 TP-2	2.49262	17.30	1.53553e+	21.50	1.60014e+	23.89
18 DUP-020624	2.06443	17.30	1.49036e+	21.50	1.49288e+	23.89

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BM021424 SAS No.: BM021424 SDG NO.: BM021424

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 14 2024 12:00AM

Lab File ID: BM044073.D Time Analyzed: 20:15

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	1.77933e+01	17.298	1.37489e+01	21.503	1.64589e+01	23.897
UPPER LIMIT	3558660	17.798	2749780	22.003	3291780	24.397
LOWER LIMIT	889665	16.798	687445	21.003	822945	23.397
EPA SAMPLE NO.						

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.: BM021424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB158892BS	n-Nitrosodimethylamine	50	50.9	ug/L	102					55	108	
	Pyridine	50	37	ug/L	74					29	97	
	Benzaldehyde	50	0	ug/L	0		*			15	121	
	Aniline	50	34.8	ug/L	70					10	130	
	Phenol	50	49.9	ug/L	100					66	118	
	bis(2-Chloroethyl)ether	50	46.5	ug/L	93					62	103	
	2-Chlorophenol	50	48.7	ug/L	97					70	117	
	1,2-Dichlorobenzene	50	41.6	ug/L	83					72	102	
	1,3-Dichlorobenzene	50	40.9	ug/L	82					71	103	
	1,4-Dichlorobenzene	50	41.2	ug/L	82					76	103	
	Benzyl Alcohol	50	48	ug/L	96		*			36	93	
	2-Methylphenol	50	48.5	ug/L	97					69	109	
	2,2-oxybis(1-Chloropropane)	50	44.4	ug/L	89					52	103	
	Acetophenone	50	46.5	ug/L	93					60	104	
	3+4-Methylphenols	50	47.3	ug/L	95					67	106	
	N-Nitroso-di-n-propylamine	50	45.5	ug/L	91					57	107	
	Hexachloroethane	50	42.2	ug/L	84					76	118	
	Nitrobenzene	50	42.8	ug/L	86					58	106	
	Isophorone	50	43.5	ug/L	87					61	102	
	2-Nitrophenol	50	45.8	ug/L	92					70	115	
	2,4-Dimethylphenol	50	56.2	ug/L	112					67	130	
	bis(2-Chloroethoxy)methane	50	44.8	ug/L	90					58	109	
	2,4-Dichlorophenol	50	45.9	ug/L	92					66	115	
	1,2,4-Trichlorobenzene	50	40.2	ug/L	80					41	115	
	Benzoic acid	50	45	ug/L	90					10	125	
	Naphthalene	50	41.4	ug/L	83					64	107	
	4-Chloroaniline	50	10.9	ug/L	22					10	85	
	Hexachlorobutadiene	50	37.4	ug/L	75					69	101	
	Caprolactam	50	43.3	ug/L	87					58	128	
	4-Chloro-3-methylphenol	50	45.1	ug/L	90					65	114	
	2-Methylnaphthalene	50	40.9	ug/L	82					64	107	
	Hexachlorocyclopentadiene	100	120	ug/L	120					36	160	
	2,4,6-Trichlorophenol	50	45.9	ug/L	92					61	110	
	2,4,5-Trichlorophenol	50	44.1	ug/L	88					70	106	
	1,1-Biphenyl	50	45.6	ug/L	91					72	98	
	2-Chloronaphthalene	50	43.4	ug/L	87					59	106	
	2-Nitroaniline	50	45.9	ug/L	92					58	107	
	Dimethylphthalate	50	42.3	ug/L	85					64	103	
	Acenaphthylene	50	46.6	ug/L	93					65	108	
	2,6-Dinitrotoluene	50	42.2	ug/L	84					64	110	
	3-Nitroaniline	50	23.6	ug/L	47					28	100	
	Acenaphthene	50	42.7	ug/L	85					59	113	
	Total PAH	800	722.1	ug/L	90					59	113	
	2,4-Dinitrophenol	100	81.2	ug/L	81					64	132	
	4-Nitrophenol	100	86.2	ug/L	86					68	116	
	Dibenzofuran	50	42.1	ug/L	84					65	106	



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

SDG No.: BM021424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB158892BS	2,4-Dinitrotoluene	50	41.7	ug/L	83				60	115	
	2,4-Dinitrotoluene/2,6-Dinitro	100	83.9	ug/L	84				60	115	
	Diethylphthalate	50	41.4	ug/L	83				63	105	
	4-Chlorophenyl-phenylether	50	39.8	ug/L	80				61	104	
	Fluorene	50	41.3	ug/L	83				64	107	
	4-Nitroaniline	50	38.3	ug/L	77				69	112	
	4,6-Dinitro-2-methylphenol	50	44.1	ug/L	88				62	132	
	N-Nitrosodiphenylamine	50	48.4	ug/L	97				61	109	
	Azobenzene	50	44.3	ug/L	89				59	106	
	4-Bromophenyl-phenylether	50	45.7	ug/L	91				73	103	
	Hexachlorobenzene	50	41.5	ug/L	83				73	106	
	Atrazine	50	54.6	ug/L	109				76	120	
	Pentachlorophenol	100	82.2	ug/L	82				47	114	
	Phenanthrene	50	45.4	ug/L	91				62	109	
	Anthracene	50	46.1	ug/L	92				65	110	
	Carbazole	50	42.3	ug/L	85				62	106	
	Di-n-butylphthalate	50	44	ug/L	88				64	106	
	Fluoranthene	50	39.3	ug/L	79				64	110	
	Benzidine	100	47.5	ug/L	48				10	94	
	Pyrene	50	51.3	ug/L	103				71	103	
	Butylbenzylphthalate	50	51.8	ug/L	104				61	105	
	3,3-Dichlorobenzidine	50	31.6	ug/L	63				43	108	
	Benzo(a)anthracene	50	46.2	ug/L	92				62	107	
	Chrysene	50	44.5	ug/L	89				61	108	
	bis(2-Ethylhexyl)phthalate	50	50.5	ug/L	101				59	110	
	Di-n-octyl phthalate	50	47.2	ug/L	94				67	126	
	Benzo(b)fluoranthene	50	47.6	ug/L	95				77	113	
	Benzo(k)fluoranthene	50	48.6	ug/L	97				64	113	
	Benzo(a)pyrene	50	46.8	ug/L	94				72	131	
	Indeno(1,2,3-cd)pyrene	50	45.5	ug/L	91				72	105	
	Dibenz(a,h)anthracene	50	45.5	ug/L	91				78	115	
	Benzo(g,h,i)perylene	50	43.3	ug/L	87				75	118	
	1,2,4,5-Tetrachlorobenzene	50	45.1	ug/L	90				72	101	
	1,4-Dioxane	50	38.9	ug/L	78				38	125	
	2,3,4,6-Tetrachlorophenol	50	43	ug/L	86				63	116	
	1-Methylnaphthalene	50	40.3	ug/L	81				51	114	



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

SDG No.: BM021424

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB158983BS	n-Nitrosodimethylamine	50	51.2	ug/L	102					55	108	
	Pyridine	50	37	ug/L	74					29	97	
	Benzaldehyde	50	0	ug/L	0		*			15	121	
	Aniline	50	34.4	ug/L	69					10	130	
	Phenol	50	50.2	ug/L	100					66	118	
	bis(2-Chloroethyl)ether	50	46.7	ug/L	93					62	103	
	2-Chlorophenol	50	49	ug/L	98					70	117	
	1,2-Dichlorobenzene	50	41.8	ug/L	84					72	102	
	1,3-Dichlorobenzene	50	41.1	ug/L	82					71	103	
	1,4-Dichlorobenzene	50	41.7	ug/L	83					76	103	
	Benzyl Alcohol	50	48	ug/L	96		*			36	93	
	2-Methylphenol	50	48.9	ug/L	98					69	109	
	2,2-oxybis(1-Chloropropane)	50	44.6	ug/L	89					52	103	
	Acetophenone	50	46	ug/L	92					60	104	
	3+4-Methylphenols	50	47.9	ug/L	96					67	106	
	N-Nitroso-di-n-propylamine	50	46	ug/L	92					57	107	
	Hexachloroethane	50	42.4	ug/L	85					76	118	
	Nitrobenzene	50	43.1	ug/L	86					58	106	
	Isophorone	50	43.4	ug/L	87					61	102	
	2-Nitrophenol	50	45.6	ug/L	91					70	115	
	2,4-Dimethylphenol	50	56.6	ug/L	113					67	130	
	bis(2-Chloroethoxy)methane	50	45.2	ug/L	90					58	109	
	2,4-Dichlorophenol	50	46.1	ug/L	92					66	115	
	1,2,4-Trichlorobenzene	50	40.4	ug/L	81					41	115	
	Benzoic acid	50	46.1	ug/L	92					10	125	
	Naphthalene	50	41.4	ug/L	83					64	107	
	4-Chloroaniline	50	10.6	ug/L	21					10	85	
	Hexachlorobutadiene	50	37.3	ug/L	75					69	101	
	Caprolactam	50	43.7	ug/L	87					58	128	
	4-Chloro-3-methylphenol	50	45.2	ug/L	90					65	114	
	2-Methylnaphthalene	50	41	ug/L	82					64	107	
	Hexachlorocyclopentadiene	100	120	ug/L	120					36	160	
	2,4,6-Trichlorophenol	50	46.1	ug/L	92					61	110	
	2,4,5-Trichlorophenol	50	44.8	ug/L	90					70	106	
	1,1-Biphenyl	50	46	ug/L	92					72	98	
	2-Chloronaphthalene	50	43.3	ug/L	87					59	106	
	2-Nitroaniline	50	46.5	ug/L	93					58	107	
	Dimethylphthalate	50	42.8	ug/L	86					64	103	
	Acenaphthylene	50	46.7	ug/L	93					65	108	
	2,6-Dinitrotoluene	50	42.3	ug/L	85					64	110	
	3-Nitroaniline	50	23.6	ug/L	47					28	100	
	Acenaphthene	50	43	ug/L	86					59	113	
	Total PAH	800	722.7	ug/L	90					59	113	
	2,4-Dinitrophenol	100	82.8	ug/L	83					64	132	
	4-Nitrophenol	100	86.1	ug/L	86					68	116	
	Dibenzofuran	50	42.3	ug/L	85					65	106	



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

SDG No.: BM021424

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB158983BS	2,4-Dinitrotoluene	50	41.9	ug/L	84				60	115	
	2,4-Dinitrotoluene/2,6-Dinitro	100	84.2	ug/L	84				60	115	
	Diethylphthalate	50	41.4	ug/L	83				63	105	
	4-Chlorophenyl-phenylether	50	40.1	ug/L	80				61	104	
	Fluorene	50	41.6	ug/L	83				64	107	
	4-Nitroaniline	50	38.8	ug/L	78				69	112	
	4,6-Dinitro-2-methylphenol	50	43.9	ug/L	88				62	132	
	N-Nitrosodiphenylamine	50	48.4	ug/L	97				61	109	
	Azobenzene	50	44.5	ug/L	89				59	106	
	4-Bromophenyl-phenylether	50	46.5	ug/L	93				73	103	
	Hexachlorobenzene	50	41.6	ug/L	83				73	106	
	Atrazine	50	54.9	ug/L	110				76	120	
	Pentachlorophenol	100	81.3	ug/L	81				47	114	
	Phenanthrene	50	45.4	ug/L	91				62	109	
	Anthracene	50	45.9	ug/L	92				65	110	
	Carbazole	50	42.3	ug/L	85				62	106	
	Di-n-butylphthalate	50	43.8	ug/L	88				64	106	
	Fluoranthene	50	39.6	ug/L	79				64	110	
	Benzidine	100	46.5	ug/L	47				10	94	
	Pyrene	50	51	ug/L	102				71	103	
	Butylbenzylphthalate	50	52.1	ug/L	104				61	105	
	3,3-Dichlorobenzidine	50	31.1	ug/L	62				43	108	
	Benzo(a)anthracene	50	46.4	ug/L	93				62	107	
	Chrysene	50	44.9	ug/L	90				61	108	
	bis(2-Ethylhexyl)phthalate	50	50.5	ug/L	101				59	110	
	Di-n-octyl phthalate	50	47.2	ug/L	94				67	126	
	Benzo(b)fluoranthene	50	47	ug/L	94				77	113	
	Benzo(k)fluoranthene	50	48.7	ug/L	97				64	113	
	Benzo(a)pyrene	50	46.8	ug/L	94				72	131	
	Indeno(1,2,3-cd)pyrene	50	45.1	ug/L	90				72	105	
	Dibenz(a,h)anthracene	50	45.6	ug/L	91				78	115	
	Benzo(g,h,i)perylene	50	43.6	ug/L	87				75	118	
	1,2,4,5-Tetrachlorobenzene	50	45	ug/L	90				72	101	
	1,4-Dioxane	50	38.5	ug/L	77				38	125	
	2,3,4,6-Tetrachlorophenol	50	43.4	ug/L	87				63	116	
	1-Methylnaphthalene	50	40.6	ug/L	81				51	114	



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB158892BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM021424SAS No.: BM021424 SDG NO.: BM021424Lab File ID: BM044074.DLab Sample ID: PB158892BLInstrument ID: BNA_MDate Extracted: 02/06/2024Matrix: (soil/water) waterDate Analyzed: 02/14/2024Level: (low/med) LOWTime Analyzed: 09:55

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB158892BS	PB158892BS	BM044075.D	02/14/2024
EB-5-0-2	P1367-12	BM044081.D	02/14/2024
EB-5-6-8	P1367-14	BM044082.D	02/14/2024
EB-7-5-7	P1367-08	BM044083.D	02/14/2024
EB-7-5-7D	P1367-10	BM044084.D	02/14/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

DUP-020624

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM021424SAS No.: BM021424 SDG NO.: BM021424Lab File ID: BM044091.DLab Sample ID: P1394-05Instrument ID: BNA_MDate Extracted: 02/09/2024Matrix: (soil/water) SolidDate Analyzed: 02/14/2024Level: (low/med) LOWTime Analyzed: 20:15

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
DUP-020624	P1394-05	BM044091.D	02/14/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

TP2

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BM021424SAS No.: BM021424 SDG NO.: BM021424Lab File ID: BM044079.DLab Sample ID: P1412-02Instrument ID: BNA_MDate Extracted: 02/10/2024Matrix: (soil/water) waterDate Analyzed: 02/14/2024Level: (low/med) LOWTime Analyzed: 12:58

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
TP2	P1412-02	BM044079.D	02/14/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB158983BL

Lab Name: CHEMTECH

Contract:

Lab Code: CHEM

Case No.: BM021424

SAS No.: BM021424

SDG NO.: BM021424

Lab File ID: BM044076.D

Lab Sample ID: PB158983BL

Instrument ID: BNA_M

Date Extracted: 02/12/2024

Matrix: (soil/water) water

Date Analyzed: 02/14/2024

Level: (low/med) LOW

Time Analyzed: 11:08

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB158983BS	PB158983BS	BM044077.D	02/14/2024
PB158940TB	PB158940TB	BM044078.D	02/14/2024
ETGI-362	P1449-02	BM044080.D	02/14/2024
TP-3	P1423-02	BM044085.D	02/14/2024
TP-3MS	P1423-02MS	BM044086.D	02/14/2024
TP-3MSD	P1423-02MSD	BM044087.D	02/14/2024
RT3475	P1446-02	BM044088.D	02/14/2024
TP-3	P1453-04	BM044089.D	02/14/2024
TP-2	P1453-08	BM044090.D	02/14/2024

COMMENTS:

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM021424

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample	Result	Units	Rec	Rec	RPD	RPD	Low	Limits	
		Result				Qual		Qual		High	RPD
Lab Sample ID:	P1423-02MS	Client Sample ID:	TP-3MS				DataFile:	BM044086.D			
n-Nitrosodimethylamine	500		510	ug/L	102				10	130	
Pyridine	500		380	ug/L	76				10	109	
Benzaldehyde	500		91.3	ug/L	18				10	137	
Aniline	500		220	ug/L	44				10	130	
Phenol	500		470	ug/L	94				10	130	
bis(2-Chloroethyl)ether	500		490	ug/L	98				29	141	
2-Chlorophenol	500		520	ug/L	104				23	127	
1,2-Dichlorobenzene	500		430	ug/L	86				61	114	
1,3-Dichlorobenzene	500		410	ug/L	82				65	106	
1,4-Dichlorobenzene	500		420	ug/L	84				55	125	
Benzyl Alcohol	500		530	ug/L	106	*			31	94	
2-Methylphenol	500		510	ug/L	102				23	132	
2,2-oxybis(1-Chloropropane)	500		470	ug/L	94				36	141	
Acetophenone	500		490	ug/L	98				31	164	
3+4-Methylphenols	500		500	ug/L	100				17	136	
N-Nitroso-di-n-propylamine	500		500	ug/L	100				36	147	
Hexachloroethane	500		420	ug/L	84				35	137	
Nitrobenzene	500		460	ug/L	92				40	134	
Isophorone	500		480	ug/L	96				39	146	
2-Nitrophenol	500		490	ug/L	98				30	148	
2,4-Dimethylphenol	500		570	ug/L	114				17	143	
bis(2-Chloroethoxy)methane	500		490	ug/L	98				39	143	
2,4-Dichlorophenol	500		510	ug/L	102				22	146	
1,2,4-Trichlorobenzene	500		430	ug/L	86				66	110	
Benzoic acid	500		0	ug/L	0	*			10	101	
Naphthalene	500		440	ug/L	88				17	157	
4-Chloroaniline	500		69.1	ug/L	14				10	95	
Hexachlorobutadiene	500		390	ug/L	78				52	125	
Caprolactam	500		380	ug/L	76				10	130	
4-Chloro-3-methylphenol	500		500	ug/L	100				17	148	
2-Methylnaphthalene	500		450	ug/L	90				38	146	
Hexachlorocyclopentadiene	1000		1100	ug/L	110				20	153	
2,4,6-Trichlorophenol	500		510	ug/L	102				46	139	
2,4,5-Trichlorophenol	500		480	ug/L	96				42	129	
1,1-Biphenyl	500		500	ug/L	100				38	154	
2-Chloronaphthalene	500		490	ug/L	98				41	145	
2-Nitroaniline	500		540	ug/L	108				39	151	
Dimethylphthalate	500		490	ug/L	98				42	147	
Acenaphthylene	500		520	ug/L	104				40	141	
2,6-Dinitrotoluene	500		480	ug/L	96				43	148	
3-Nitroaniline	500		260	ug/L	52				10	111	
Acenaphthene	500		490	ug/L	98				37	146	
Total PAH	8000		8180	ug/L	102				37	146	
2,4-Dinitrophenol	1000		83.5	ug/L	8	*			14	167	
4-Nitrophenol	1000		690	ug/L	69				10	130	
Dibenzofuran	500		480	ug/L	96				41	145	
2,4-Dinitrotoluene	500		480	ug/L	96				40	151	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM021424

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		
									Low	High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		960	ug/L	96				40	151	
Diethylphthalate	500		480	ug/L	96				41	148	
4-Chlorophenyl-phenylether	500		460	ug/L	92				38	149	
Fluorene	500		480	ug/L	96				39	144	
4-Nitroaniline	500		440	ug/L	88				27	138	
4,6-Dinitro-2-methylphenol	500		45.9	ug/L	9	*			32	175	
N-Nitrosodiphenylamine	500		540	ug/L	108				40	150	
Azobenzene	500		520	ug/L	104				72	112	
4-Bromophenyl-phenylether	500		510	ug/L	102				42	151	
Hexachlorobenzene	500		460	ug/L	92				60	129	
Atrazine	500		600	ug/L	120				20	162	
Pentachlorophenol	1000		210	ug/L	21				15	137	
Phenanthrene	500		510	ug/L	102				40	147	
Anthracene	500		520	ug/L	104				41	146	
Carbazole	500		470	ug/L	94				37	154	
Di-n-butylphthalate	500		510	ug/L	102				40	151	
Fluoranthene	500		450	ug/L	90				42	146	
Benzidine	1000		610	ug/L	61				10	130	
Pyrene	500		550	ug/L	110				41	149	
Butylbenzylphthalate	500		600	ug/L	120				39	155	
3,3-Dichlorobenzidine	500		400	ug/L	80				10	114	
Benzo(a)anthracene	500		520	ug/L	104				41	147	
Chrysene	500		510	ug/L	102				44	144	
bis(2-Ethylhexyl)phthalate	500		570	ug/L	114				33	160	
Di-n-octyl phthalate	500		570	ug/L	114				36	158	
Benzo(b)fluoranthene	500		530	ug/L	106				40	150	
Benzo(k)fluoranthene	500		510	ug/L	102				40	147	
Benzo(a)pyrene	500		540	ug/L	108				42	147	
Indeno(1,2,3-cd)pyrene	500		550	ug/L	110				30	166	
Dibenz(a,h)anthracene	500		540	ug/L	108				23	172	
Benzo(g,h,i)perylene	500		520	ug/L	104				27	167	
1,2,4,5-Tetrachlorobenzene	500		480	ug/L	96				89	102	
1,4-Dioxane	500		400	ug/L	80				38	130	
2,3,4,6-Tetrachlorophenol	500		400	ug/L	80	*			91	111	
1-Methylnaphthalene	500		440	ug/L	88				25	151	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM021424

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1423-02MSD	Client Sample ID:	TP-3MSD					DataFile:	BM044087.D		
n-Nitrosodimethylamine	500		460	ug/L	92		10		10	130	20
Pyridine	500		350	ug/L	70		8		10	109	20
Benzaldehyde	500		92.5	ug/L	19		5		10	137	20
Aniline	500		220	ug/L	44		0		10	130	20
Phenol	500		440	ug/L	88		7		10	130	20
bis(2-Chloroethyl)ether	500		460	ug/L	92		6		29	141	20
2-Chlorophenol	500		500	ug/L	100		4		23	127	20
1,2-Dichlorobenzene	500		400	ug/L	80		7		61	114	20
1,3-Dichlorobenzene	500		390	ug/L	78		5		65	106	20
1,4-Dichlorobenzene	500		390	ug/L	78		7		55	125	20
Benzyl Alcohol	500		500	ug/L	100	*	6		31	94	20
2-Methylphenol	500		480	ug/L	96		6		23	132	20
2,2-oxybis(1-Chloropropane)	500		440	ug/L	88		7		36	141	20
Acetophenone	500		460	ug/L	92		6		31	164	20
3+4-Methylphenols	500		480	ug/L	96		4		17	136	20
N-Nitroso-di-n-propylamine	500		460	ug/L	92		8		36	147	20
Hexachloroethane	500		400	ug/L	80		5		35	137	20
Nitrobenzene	500		430	ug/L	86		7		40	134	20
Isophorone	500		450	ug/L	90		6		39	146	20
2-Nitrophenol	500		470	ug/L	94		4		30	148	20
2,4-Dimethylphenol	500		550	ug/L	110		4		17	143	20
bis(2-Chloroethoxy)methane	500		460	ug/L	92		6		39	143	20
2,4-Dichlorophenol	500		480	ug/L	96		6		22	146	20
1,2,4-Trichlorobenzene	500		410	ug/L	82		5		66	110	20
Benzoic acid	500		91	ug/L	18		200	*	10	101	20
Naphthalene	500		420	ug/L	84		5		17	157	20
4-Chloroaniline	500		74.3	ug/L	15		7		10	95	20
Hexachlorobutadiene	500		370	ug/L	74		5		52	125	20
Caprolactam	500		370	ug/L	74		3		10	130	20
4-Chloro-3-methylphenol	500		460	ug/L	92		8		17	148	20
2-Methylnaphthalene	500		420	ug/L	84		7		38	146	20
Hexachlorocyclopentadiene	1000		910	ug/L	91		19		20	153	20
2,4,6-Trichlorophenol	500		490	ug/L	98		4		46	139	20
2,4,5-Trichlorophenol	500		460	ug/L	92		4		42	129	20
1,1-Biphenyl	500		470	ug/L	94		6		38	154	20
2-Chloronaphthalene	500		460	ug/L	92		6		41	145	20
2-Nitroaniline	500		510	ug/L	102		6		39	151	20
Dimethylphthalate	500		460	ug/L	92		6		42	147	20
Acenaphthylene	500		490	ug/L	98		6		40	141	20
2,6-Dinitrotoluene	500		460	ug/L	92		4		43	148	20
3-Nitroaniline	500		260	ug/L	52		0		10	111	20
Acenaphthene	500		460	ug/L	92		6		37	146	20
Total PAH	8000		7600	ug/L	95		7		37	146	20
2,4-Dinitrophenol	1000		79.3	ug/L	8	*	0		14	167	20
4-Nitrophenol	1000		690	ug/L	69		0		10	130	20
Dibenzofuran	500		460	ug/L	92		4		41	145	20
2,4-Dinitrotoluene	500		460	ug/L	92		4		40	151	20

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BM021424

Client: _____

Analytical Method: **8270E**

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Limits		
									Low	High	RPD
2,4-Dinitrotoluene/2,6-Dinitrotol	1000		920	ug/L	92		4		40	151	20
Diethylphthalate	500		460	ug/L	92		4		41	148	20
4-Chlorophenyl-phenylether	500		430	ug/L	86		7		38	149	20
Fluorene	500		450	ug/L	90		6		39	144	20
4-Nitroaniline	500		440	ug/L	88		0		27	138	20
4,6-Dinitro-2-methylphenol	500		43.4	ug/L	9	*	0		32	175	20
N-Nitrosodiphenylamine	500		500	ug/L	100		8		40	150	20
Azobenzene	500		480	ug/L	96		8		72	112	20
4-Bromophenyl-phenylether	500		480	ug/L	96		6		42	151	20
Hexachlorobenzene	500		440	ug/L	88		4		60	129	20
Atrazine	500		560	ug/L	112		7		20	162	20
Pentachlorophenol	1000		230	ug/L	23		9		15	137	20
Phenanthrene	500		480	ug/L	96		6		40	147	20
Anthracene	500		490	ug/L	98		6		41	146	20
Carbazole	500		460	ug/L	92		2		37	154	20
Di-n-butylphthalate	500		480	ug/L	96		6		40	151	20
Fluoranthene	500		440	ug/L	88		2		42	146	20
Benzidine	1000		600	ug/L	60		2		10	130	20
Pyrene	500		500	ug/L	100		10		41	149	20
Butylbenzylphthalate	500		550	ug/L	110		9		39	155	20
3,3-Dichlorobenzidine	500		390	ug/L	78		3		10	114	20
Benzo(a)anthracene	500		480	ug/L	96		8		41	147	20
Chrysene	500		480	ug/L	96		6		44	144	20
bis(2-Ethylhexyl)phthalate	500		520	ug/L	104		9		33	160	20
Di-n-octyl phthalate	500		530	ug/L	106		7		36	158	20
Benzo(b)fluoranthene	500		480	ug/L	96		10		40	150	20
Benzo(k)fluoranthene	500		480	ug/L	96		6		40	147	20
Benzo(a)pyrene	500		500	ug/L	100		8		42	147	20
Indeno(1,2,3-cd)pyrene	500		490	ug/L	98		12		30	166	20
Dibenz(a,h)anthracene	500		490	ug/L	98		10		23	172	20
Benzo(g,h,i)perylene	500		470	ug/L	94		10		27	167	20
1,2,4,5-Tetrachlorobenzene	500		460	ug/L	92		4		89	102	20
1,4-Dioxane	500		370	ug/L	74		8		38	130	20
2,3,4,6-Tetrachlorophenol	500		390	ug/L	78	*	3		91	111	20
1-Methylnaphthalene	500		410	ug/L	82		7		25	151	20



Surrogate Summary

SW-846

SDG No.: BM021424

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1367-08	EB-7-5-7	BM044083.D	2-Fluorophenol	150	139.87	93		10	139
			Phenol-d6	150	129.54	86		10	134
			Nitrobenzene-d5	100	96.01	96		49	133
			2-Fluorobiphenyl	100	87.41	87		52	132
			2,4,6-Tribromophenol	150	134.74	90		32	145
			Terphenyl-d14	100	99.62	100		36	145
P1367-10	EB-7-5-7D	BM044084.D	2-Fluorophenol	150	128.74	86		10	139
			Phenol-d6	150	115.41	77		10	134
			Nitrobenzene-d5	100	90.75	91		49	133
			2-Fluorobiphenyl	100	85.76	86		52	132
			2,4,6-Tribromophenol	150	126.11	84		32	145
			Terphenyl-d14	100	91.16	91		36	145
P1367-12	EB-5-0-2	BM044081.D	2-Fluorophenol	150	128.08	85		10	139
			Phenol-d6	150	118.21	79		10	134
			Nitrobenzene-d5	100	91.40	91		49	133
			2-Fluorobiphenyl	100	86.04	86		52	132
			2,4,6-Tribromophenol	150	124.46	83		32	145
			Terphenyl-d14	100	98.08	98		36	145
P1367-14	EB-5-6-8	BM044082.D	2-Fluorophenol	150	142.56	95		10	139
			Phenol-d6	150	129.57	86		10	134
			Nitrobenzene-d5	100	99.74	100		49	133
			2-Fluorobiphenyl	100	95.22	95		52	132
			2,4,6-Tribromophenol	150	136.63	91		32	145
			Terphenyl-d14	100	111.03	111		36	145
PB158892BL	PB158892BL	BM044074.D	2-Fluorophenol	150	134.42	90		10	139
			Phenol-d6	150	128.96	86		10	134
			Nitrobenzene-d5	100	89.21	89		49	133
			2-Fluorobiphenyl	100	86.68	87		52	132
			2,4,6-Tribromophenol	150	108.80	73		32	145
			Terphenyl-d14	100	93.67	94		36	145
PB158892BS	PB158892BS	BM044075.D	2-Fluorophenol	150	142.83	95		10	139
			Phenol-d6	150	138.05	92		10	134
			Nitrobenzene-d5	100	89.08	89		49	133
			2-Fluorobiphenyl	100	84.63	85		52	132
			2,4,6-Tribromophenol	150	111.42	74		32	145
			Terphenyl-d14	100	99.06	99		36	145



Surrogate Summary
SW-846

SDG No.: BM021424

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1394-05	DUP-020624	BM044091.D	2-Fluorophenol	150	99.41	66		18	112
			Phenol-d6	150	97.71	65		15	107
			Nitrobenzene-d5	100	60.93	61		18	107
			2-Fluorobiphenyl	100	59.53	60		20	109
			2,4,6-Tribromophenol	150	20.05	13		10	110
			Terphenyl-d14	100	66.57	67		14	112



Surrogate Summary
SW-846

SDG No.: BM021424

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1412-02	TP2	BM044079.D	2-Fluorophenol	150	124.61	83		10	139
			Phenol-d6	150	111.88	75		10	134
			Nitrobenzene-d5	100	89.08	89		49	133
			2-Fluorobiphenyl	100	84.08	84		52	132
			2,4,6-Tribromophenol	150	125.37	84		32	145
			Terphenyl-d14	100	92.68	93		36	145

Surrogate Summary

SW-846

SDG No.: BM021424

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1423-02	TP-3	BM044085.D	2-Fluorophenol	150	141.88	95		10	139
			Phenol-d6	150	130.30	87		10	134
			Nitrobenzene-d5	100	96.96	97		49	133
			2-Fluorobiphenyl	100	91.55	92		52	132
			2,4,6-Tribromophenol	150	112.72	75		32	145
			Terphenyl-d14	100	94.30	94		36	145
P1423-02MS	TP-3MS	BM044086.D	2-Fluorophenol	150	139.31	93		10	139
			Phenol-d6	150	128.02	85		10	134
			Nitrobenzene-d5	100	93.00	93		49	133
			2-Fluorobiphenyl	100	91.25	91		52	132
			2,4,6-Tribromophenol	150	111.29	74		32	145
			Terphenyl-d14	100	99.62	100		36	145
P1423-02MSD	TP-3MSD	BM044087.D	2-Fluorophenol	150	129.56	86		10	139
			Phenol-d6	150	118.61	79		10	134
			Nitrobenzene-d5	100	87.57	88		49	133
			2-Fluorobiphenyl	100	84.85	85		52	132
			2,4,6-Tribromophenol	150	105.89	71		32	145
			Terphenyl-d14	100	85.24	85		36	145
P1446-02	RT3475	BM044088.D	2-Fluorophenol	150	134.98	90		10	139
			Phenol-d6	150	122.39	82		10	134
			Nitrobenzene-d5	100	94.07	94		49	133
			2-Fluorobiphenyl	100	84.94	85		52	132
			2,4,6-Tribromophenol	150	111.22	74		32	145
			Terphenyl-d14	100	95.60	96		36	145
P1449-02	ETGI-362	BM044080.D	2-Fluorophenol	150	128.43	86		10	139
			Phenol-d6	150	112.71	75		10	134
			Nitrobenzene-d5	100	92.01	92		49	133
			2-Fluorobiphenyl	100	88.18	88		52	132
			2,4,6-Tribromophenol	150	120.68	80		32	145
			Terphenyl-d14	100	92.39	92		36	145
P1453-04	TP-3	BM044089.D	2-Fluorophenol	150	154.24	103		10	139
			Phenol-d6	150	142.15	95		10	134
			Nitrobenzene-d5	100	105.73	106		49	133
			2-Fluorobiphenyl	100	94.82	95		52	132
			2,4,6-Tribromophenol	150	133.71	89		32	145
			Terphenyl-d14	100	108.89	109		36	145
P1453-08	TP-2	BM044090.D	2-Fluorophenol	150	137.00	91		10	139
			Phenol-d6	150	128.19	85		10	134
			Nitrobenzene-d5	100	92.63	93		49	133
			2-Fluorobiphenyl	100	85.58	86		52	132
			2,4,6-Tribromophenol	150	114.57	76		32	145
			Terphenyl-d14	100	97.72	98		36	145
PB158940TB	PB158940TB	BM044078.D	2-Fluorophenol	150	122.67	82		10	139
			Phenol-d6	150	120.14	80		10	134
			Nitrobenzene-d5	100	78.85	79		49	133
			2-Fluorobiphenyl	100	72.97	73		52	132
			2,4,6-Tribromophenol	150	106.41	71		32	145
			Terphenyl-d14	100	84.49	84		36	145
PB158983BL	PB158983BL	BM044076.D	2-Fluorophenol	150	134.35	90		10	139
			Phenol-d6	150	129.93	87		10	134
			Nitrobenzene-d5	100	89.22	89		49	133



Surrogate Summary
SW-846

SDG No.: BM021424

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
PB158983BL	PB158983BL	BM044076.D	2-Fluorobiphenyl	100	84.07	84		52	132
			2,4,6-Tribromophenol	150	110.91	74		32	145
			Terphenyl-d14	100	96.85	97		36	145
PB158983BS	PB158983BS	BM044077.D	2-Fluorophenol	150	142.99	95		10	139
			Phenol-d6	150	139.67	93		10	134
			Nitrobenzene-d5	100	89.12	89		49	133
			2-Fluorobiphenyl	100	84.71	85		52	132
			2,4,6-Tribromophenol	150	112.58	75		32	145
			Terphenyl-d14	100	98.66	99		36	145



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BM021424

Lab Code: CHEM

SAS No.: BM021424 SDG NO.: BM021424

Lab File ID: BM044072.D

DFTPP Injection Date: 02/14/2024

Instrument ID: BNA_M

DFTPP Injection Time: 08:43

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	36.6
68	Less than 2.0% of mass 69	0.6 (1.4) 1
69	Mass 69 relative abundance	38.7
70	Less than 2.0% of mass 69	0.2 (0.6) 1
127	10.0 - 80.0% of mass 198	50.1
197	Less than 2.0% of mass 198	0.4
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	22.9
365	Greater than 1% of mass 198	2.7
441	Present, but less than mass 443	12.2
442	Greater than 50% of mass 198	75
443	15.0 - 24.0% of mass 442	14.4 (19.2) 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
SSTDCCC040	SSTDCCC040	BM044073.D	02/14/2024	09:19
PB158892BL	PB158892BL	BM044074.D	02/14/2024	09:55
PB158892BS	PB158892BS	BM044075.D	02/14/2024	10:32
PB158983BL	PB158983BL	BM044076.D	02/14/2024	11:08
PB158983BS	PB158983BS	BM044077.D	02/14/2024	11:45
PB158940TB	PB158940TB	BM044078.D	02/14/2024	12:21
TP2	P1412-02	BM044079.D	02/14/2024	12:58
ETGI-362	P1449-02	BM044080.D	02/14/2024	13:34
EB-5-0-2	P1367-12	BM044081.D	02/14/2024	14:11
EB-5-6-8	P1367-14	BM044082.D	02/14/2024	14:47
EB-7-5-7	P1367-08	BM044083.D	02/14/2024	15:24
EB-7-5-7D	P1367-10	BM044084.D	02/14/2024	16:00
TP-3	P1423-02	BM044085.D	02/14/2024	16:37
TP-3MS	P1423-02MS	BM044086.D	02/14/2024	17:13
TP-3MSD	P1423-02MSD	BM044087.D	02/14/2024	17:50
RT3475	P1446-02	BM044088.D	02/14/2024	18:26
TP-3	P1453-04	BM044089.D	02/14/2024	19:02
TP-2	P1453-08	BM044090.D	02/14/2024	19:39
DUP-020624	P1394-05	BM044091.D	02/14/2024	20:15