

SEMIVOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: _____

Lab Code: CHEM Case No.: BP021924 SAS No.: BP021924 SDG No.: BP021924

Instrument ID: BNA_P Calibration Date/Time: 2/19/2024 1:12:13

Lab File ID: BP019758.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	0.564	0.519		-7.979	
Pyridine	1.296	1.164		-10.185	
2-Fluorophenol	1.241	1.161		-6.446	
Benzaldehyde	1.173	1.262		7.587	
Aniline	1.626	1.539		-5.351	
Phenol-d6	1.673	1.583		-5.38	
Phenol	1.667	1.546		-7.259	20.0
bis(2-Chloroethyl)ether	1.297	1.204		-7.17	
2-Chlorophenol	1.274	1.211		-4.945	
1,2-Dichlorobenzene	1.528	1.459		-4.516	
1,3-Dichlorobenzene	1.559	1.479		-5.131	
1,4-Dichlorobenzene	1.579	1.492		-5.51	20.0
Benzyl Alcohol	1.337	1.267		-5.236	
2-Methylphenol	1.123	1.070		-4.72	
2,2-oxybis(1-Chloropropane)	1.297	1.147		-11.565	
Acetophenone	0.570	0.529		-7.193	
3+4-Methylphenols	1.532	1.491		-2.676	
n-Nitroso-di-n-propylamine	1.143	1.082	0.050	-5.337	
Nitrobenzene-d5	0.462	0.434		-6.061	
Hexachloroethane	0.612	0.558		-8.824	
Nitrobenzene	0.465	0.427		-8.172	
Isophorone	0.804	0.785		-2.363	
2-Nitrophenol	0.177	0.189		6.78	20.0
2,4-Dimethylphenol	0.227	0.219		-3.524	
bis(2-Chloroethoxy)methane	0.455	0.430		-5.495	
2,4-Dichlorophenol	0.343	0.347		1.166	20.0
1,2,4-Trichlorobenzene	0.420	0.415		-1.19	
Benzoic acid	0.221	0.255		15.385	
Naphthalene	1.097	1.041		-5.105	
4-Chloroaniline	0.406	0.400		-1.478	
Hexachlorobutadiene	0.311	0.314		0.965	20.0
Caprolactam	0.097	0.113		16.495	
4-Chloro-3-methylphenol	0.373	0.394		5.63	20.0
2-Methylnaphthalene	0.759	0.762		0.395	
Hexachlorocyclopentadiene	0.348	0.302	0.050	-13.218	
2,4,6-Trichlorophenol	0.467	0.466		-0.214	20.0
2-Fluorobiphenyl	1.618	1.504		-7.046	
2,4,5-Trichlorophenol	0.513	0.526		2.534	
1,1-Biphenyl	1.596	1.444		-9.524	
2-Chloronaphthalene	1.310	1.203		-8.168	
2-Nitroaniline	0.366	0.358		-2.186	



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Lab File ID: BP019758.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
Dimethylphthalate	1.531	1.546		0.98	
Acenaphthylene	1.838	1.756		-4.461	
2,6-Dinitrotoluene	0.336	0.358		6.548	
3-Nitroaniline	0.309	0.318		2.913	
Acenaphthene	1.141	1.095		-4.032	20.0
2,4-Dinitrophenol	0.175	0.206	0.050	17.714	
4-Nitrophenol	0.253	0.257	0.050	1.581	
Dibenzofuran	1.858	1.823		-1.884	
2,4-Dinitrotoluene	0.441	0.511		15.873	
Diethylphthalate	1.523	1.568		2.955	
4-Chlorophenyl-phenylether	0.832	0.862		3.606	
Fluorene	1.480	1.504		1.622	
4-Nitroaniline	0.324	0.346		6.79	
4,6-Dinitro-2-methylphenol	0.114	0.133		16.667	
n-Nitrosodiphenylamine	0.599	0.546		-8.848	20.0
Azobenzene	1.473	1.395		-5.295	
2,4,6-Tribromophenol	0.292	0.368		26.027	
4-Bromophenyl-phenylether	0.250	0.245		-2.0	
Hexachlorobenzene	0.292	0.296		1.37	
Atrazine	0.199	0.191		-4.02	
Pentachlorophenol	0.182	0.201		10.44	20.0
Phenanthrene	1.053	1.006		-4.463	
Anthracene	1.050	1.012		-3.619	
Carbazole	0.954	0.941		-1.363	
Di-n-butylphthalate	1.153	1.159		0.52	
Fluoranthene	1.286	1.330		3.421	20.0
Benzidine	0.418	0.343		-17.943	
Pyrene	1.412	1.409		-0.212	
Terphenyl-d14	1.216	1.287		5.839	
Butylbenzylphthalate	0.527	0.529		0.38	
3,3-Dichlorobenzidine	0.513	0.493		-3.899	
Benzo (a) anthracene	1.408	1.356		-3.693	
Chrysene	1.337	1.278		-4.413	
Bis (2-ethylhexyl) phthalate	0.803	0.746		-7.098	
Di-n-octyl phthalate	1.412	1.258		-10.907	20.0
Benzo (b) fluoranthene	1.261	1.244		-1.348	
Benzo (k) fluoranthene	1.204	1.138		-5.482	
Benzo (a) pyrene	1.122	1.062		-5.348	20.0
Indeno (1,2,3-cd) pyrene	1.531	1.381		-9.798	
Dibenzo (a,h) anthracene	1.259	1.147		-8.896	
Benzo (g,h,i) perylene	1.277	1.145		-10.337	



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

COMPOUND	RRF	RRF040	MIN RRF	%D	MAX%D
1,2,4,5-Tetrachlorobenzene	0.771	0.730		-5.318	
1,4-Dioxane	0.478	0.418		-12.552	20.0
2,3,4,6-Tetrachlorophenol	0.431	0.488		13.225	
1-Methylnaphthalene	0.746	0.752		0.804	

All other compounds must meet a minimum RRF of 0.010.

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159072BL	SDG No.:	BP021924
Lab Sample ID:	PB159072BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 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
BP019759.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	77.3	U	77.3	270	330	ug/Kg
110-86-1	Pyridine	72.4	U	72.4	130	170	ug/Kg
100-52-7	Benzaldehyde	150	U	150	270	330	ug/Kg
62-53-3	Aniline	120	U	120	130	170	ug/Kg
108-95-2	Phenol	74.4	U	74.4	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	89.8	U	89.8	130	170	ug/Kg
95-57-8	2-Chlorophenol	72	U	72	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	81.7	U	81.7	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	88.5	U	88.5	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	82.4	U	82.4	130	170	ug/Kg
100-51-6	Benzyl Alcohol	98.8	U	98.8	270	330	ug/Kg
95-48-7	2-Methylphenol	110	U	110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	100	U	100	130	170	ug/Kg
98-86-2	Acetophenone	86.7	U	86.7	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	59	U	59	80	80	ug/Kg
67-72-1	Hexachloroethane	73.6	U	73.6	130	170	ug/Kg
98-95-3	Nitrobenzene	75.2	U	75.2	130	170	ug/Kg
78-59-1	Isophorone	68.1	U	68.1	130	170	ug/Kg
88-75-5	2-Nitrophenol	95.1	U	95.1	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	99.6	U	99.6	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	78.1	U	78.1	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	77.5	U	77.5	130	170	ug/Kg
65-85-0	Benzoic acid	210	U	210	270	330	ug/Kg
91-20-3	Naphthalene	81.4	U	81.4	130	170	ug/Kg
106-47-8	4-Chloroaniline	100	U	100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	84	U	84	130	170	ug/Kg
105-60-2	Caprolactam	120	U	120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	82.5	U	82.5	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	94.9	U	94.9	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159072BL	SDG No.:	BP021924
Lab Sample ID:	PB159072BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 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
BP019759.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	210	U	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	77.1	U	77.1	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	87.9	U	87.9	130	170	ug/Kg
92-52-4	1,1-Biphenyl	91.3	U	91.3	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	84.6	U	84.6	130	170	ug/Kg
88-74-4	2-Nitroaniline	99.3	U	99.3	130	170	ug/Kg
131-11-3	Dimethylphthalate	88.9	U	88.9	130	170	ug/Kg
208-96-8	Acenaphthylene	88.4	U	88.4	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	90	U	90	130	170	ug/Kg
99-09-2	3-Nitroaniline	93.4	U	93.4	130	170	ug/Kg
83-32-9	Acenaphthene	80.3	U	80.3	130	170	ug/Kg
Total PAH	Total PAH	1438.1	U	1438.1	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	180	U	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	270	330	ug/Kg
132-64-9	Dibenzofuran	76.9	U	76.9	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	99.9	U	99.9	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	89.9	U	189.9	130	340	ug/Kg
84-66-2	Diethylphthalate	85.9	U	85.9	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	90.4	U	90.4	130	170	ug/Kg
86-73-7	Fluorene	84.8	U	84.8	130	170	ug/Kg
100-01-6	4-Nitroaniline	100	U	100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	87.8	U	87.8	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	93.3	U	93.3	130	170	ug/Kg
103-33-3	Azobenzene	73.5	U	73.5	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	97.4	U	97.4	130	170	ug/Kg
118-74-1	Hexachlorobenzene	98.8	U	98.8	130	170	ug/Kg
1912-24-9	Atrazine	95.4	U	95.4	130	170	ug/Kg
87-86-5	Pentachlorophenol	110	U	110	270	330	ug/Kg
85-01-8	Phenanthrene	92.7	U	92.7	130	170	ug/Kg
120-12-7	Anthracene	100	U	100	130	170	ug/Kg
86-74-8	Carbazole	84.9	U	84.9	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	100	U	100	130	170	ug/Kg
206-44-0	Fluoranthene	94.4	U	94.4	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159072BL	SDG No.:	BP021924
Lab Sample ID:	PB159072BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01 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
BP019759.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	190	U	190	270	330	ug/Kg
129-00-0	Pyrene	83.7	U	83.7	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	100	U	100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	160	U	160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	83.9	U	83.9	130	170	ug/Kg
218-01-9	Chrysene	86.8	U	86.8	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	110	U	110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	80.3	U	80.3	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	88.1	U	88.1	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	94.3	U	94.3	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110	U	110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	96.5	U	96.5	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	92.5	U	92.5	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	89.4	U	89.4	130	170	ug/Kg
123-91-1	1,4-Dioxane	120	U	120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	82.9	U	82.9	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	90.2	U	90.2	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	117.403		18-112		78	SPK: -150
13127-88-3	Phenol-d6	106.21		15-107		71	SPK: -150
4165-60-0	Nitrobenzene-d5	77.489		18-107		77	SPK: -100
321-60-8	2-Fluorobiphenyl	77.057		20-109		77	SPK: -100
118-79-6	2,4,6-Tribromophenol	159.297		10-110		106	SPK: -150
1718-51-0	Terphenyl-d14	85.6		14-112		86	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	73764	7.899				
1146-65-2	Naphthalene-d8	259054	10.699				
15067-26-2	Acenaphthene-d10	168567	14.534				
1517-22-2	Phenanthrene-d10	423399	17.292				
1719-03-5	Chrysene-d12	435602	21.386				
1520-96-3	Perylene-d12	491231	23.81				



Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159072BL	SDG No.:	BP021924
Lab Sample ID:	PB159072BL	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.01	Units:	g
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
BP019759.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
	unknown5.017	96.3	J			5.017	

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159072BS	SDG No.:	BP021924
Lab Sample ID:	PB159072BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BP019760.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	1500		77.2	270	330	ug/Kg
110-86-1	Pyridine	1100		72.3	130	170	ug/Kg
100-52-7	Benzaldehyde	150	U	150	270	330	ug/Kg
62-53-3	Aniline	970		120	130	170	ug/Kg
108-95-2	Phenol	1500		74.3	130	170	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	1500		89.7	130	170	ug/Kg
95-57-8	2-Chlorophenol	1600		71.9	130	170	ug/Kg
95-50-1	1,2-Dichlorobenzene	1500		81.6	130	170	ug/Kg
541-73-1	1,3-Dichlorobenzene	1500		88.4	130	170	ug/Kg
106-46-7	1,4-Dichlorobenzene	1500		82.3	130	170	ug/Kg
100-51-6	Benzyl Alcohol	1500		98.7	270	330	ug/Kg
95-48-7	2-Methylphenol	1500		110	130	170	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	1400		100	130	170	ug/Kg
98-86-2	Acetophenone	1400		86.6	130	170	ug/Kg
65794-96-9	3+4-Methylphenols	1500		110	270	330	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	1400		58.9	79.9	79.9	ug/Kg
67-72-1	Hexachloroethane	1400		73.5	130	170	ug/Kg
98-95-3	Nitrobenzene	1400		75.1	130	170	ug/Kg
78-59-1	Isophorone	1400		68	130	170	ug/Kg
88-75-5	2-Nitrophenol	1700		95	130	170	ug/Kg
105-67-9	2,4-Dimethylphenol	1800		99.5	130	170	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1400		110	130	170	ug/Kg
120-83-2	2,4-Dichlorophenol	1600		78	130	170	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1500		77.4	130	170	ug/Kg
65-85-0	Benzoic acid	1800		210	270	330	ug/Kg
91-20-3	Naphthalene	1400		81.3	130	170	ug/Kg
106-47-8	4-Chloroaniline	530		100	130	170	ug/Kg
87-68-3	Hexachlorobutadiene	1500		83.9	130	170	ug/Kg
105-60-2	Caprolactam	1700		120	270	330	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1600		82.4	130	170	ug/Kg
91-57-6	2-Methylnaphthalene	1500		94.8	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159072BS	SDG No.:	BP021924
Lab Sample ID:	PB159072BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BP019760.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	4100	E	210	270	330	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1600		77	130	170	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1600		87.8	130	170	ug/Kg
92-52-4	1,1-Biphenyl	1400		91.2	130	170	ug/Kg
91-58-7	2-Chloronaphthalene	1400		84.5	130	170	ug/Kg
88-74-4	2-Nitroaniline	1500		99.2	130	170	ug/Kg
131-11-3	Dimethylphthalate	1600		88.8	130	170	ug/Kg
208-96-8	Acenaphthylene	1600		88.3	130	170	ug/Kg
606-20-2	2,6-Dinitrotoluene	1600		89.9	130	170	ug/Kg
99-09-2	3-Nitroaniline	1200		93.3	130	170	ug/Kg
83-32-9	Acenaphthene	1500		80.2	130	170	ug/Kg
Total PAH	Total PAH	24600		1436.7	130	2720	ug/Kg
51-28-5	2,4-Dinitrophenol	4100	E	180	270	330	ug/Kg
100-02-7	4-Nitrophenol	3400	E	110	270	330	ug/Kg
132-64-9	Dibenzofuran	1500		76.8	130	170	ug/Kg
121-14-2	2,4-Dinitrotoluene	1700		99.8	130	170	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	3300		189.7	130	340	ug/Kg
84-66-2	Diethylphthalate	1600		85.8	130	170	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1600		90.3	130	170	ug/Kg
86-73-7	Fluorene	1600		84.7	130	170	ug/Kg
100-01-6	4-Nitroaniline	1600		100	130	170	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1800		87.7	270	330	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1400		93.2	130	170	ug/Kg
103-33-3	Azobenzene	1500		73.4	130	170	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1500		97.3	130	170	ug/Kg
118-74-1	Hexachlorobenzene	1500		98.7	130	170	ug/Kg
1912-24-9	Atrazine	1700		95.3	130	170	ug/Kg
87-86-5	Pentachlorophenol	3400	E	110	270	330	ug/Kg
85-01-8	Phenanthrene	1500		92.6	130	170	ug/Kg
120-12-7	Anthracene	1500		100	130	170	ug/Kg
86-74-8	Carbazole	1500		84.8	130	170	ug/Kg
84-74-2	Di-n-butylphthalate	1500		100	130	170	ug/Kg
206-44-0	Fluoranthene	1600		94.3	130	170	ug/Kg

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159072BS	SDG No.:	BP021924
Lab Sample ID:	PB159072BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03 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
BP019760.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	3000	E	190	270	330	ug/Kg
129-00-0	Pyrene	1500		83.6	130	170	ug/Kg
85-68-7	Butylbenzylphthalate	1500		100	130	170	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1500		160	270	330	ug/Kg
56-55-3	Benzo(a)anthracene	1500		83.8	130	170	ug/Kg
218-01-9	Chrysene	1500		86.7	130	170	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1400		110	130	170	ug/Kg
117-84-0	Di-n-octyl phthalate	1400		120	270	330	ug/Kg
205-99-2	Benzo(b)fluoranthene	1500		80.2	130	170	ug/Kg
207-08-9	Benzo(k)fluoranthene	1600		88	130	170	ug/Kg
50-32-8	Benzo(a)pyrene	1600		94.2	130	170	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		110	130	170	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		96.4	130	170	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1500		92.4	130	170	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1500		89.3	130	170	ug/Kg
123-91-1	1,4-Dioxane	1200		120	130	170	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1900		82.8	130	170	ug/Kg
90-12-0	1-Methylnaphthalene	1400		90.1	170	170	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	136.002		18-112		91	SPK: -150
13127-88-3	Phenol-d6	131.147		15-107		87	SPK: -150
4165-60-0	Nitrobenzene-d5	83.907		18-107		84	SPK: -100
321-60-8	2-Fluorobiphenyl	85.308		20-109		85	SPK: -100
118-79-6	2,4,6-Tribromophenol	170.498	*	10-110		114	SPK: -150
1718-51-0	Terphenyl-d14	91.779		14-112		92	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	71614	7.899				
1146-65-2	Naphthalene-d8	273784	10.699				
15067-26-2	Acenaphthene-d10	184671	14.534				
1517-22-2	Phenanthrene-d10	436113	17.292				
1719-03-5	Chrysene-d12	427285	21.386				
1520-96-3	Perylene-d12	481707	23.81				



Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159072BS	SDG No.:	BP021924
Lab Sample ID:	PB159072BS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	0
Sample Wt/Vol:	30.03	Units:	g
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
BP019760.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

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

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159068BL	SDG No.:	BP021924
Lab Sample ID:	PB159068BL	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
BP019761.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159068BL	SDG No.:	BP021924
Lab Sample ID:	PB159068BL	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
BP019761.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159068BL	SDG No.:	BP021924
Lab Sample ID:	PB159068BL	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
BP019761.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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	122.88		10-139		82	SPK: -150
13127-88-3	Phenol-d6	113.134		10-134		75	SPK: -150
4165-60-0	Nitrobenzene-d5	83.635		49-133		84	SPK: -100
321-60-8	2-Fluorobiphenyl	85.772		52-132		86	SPK: -100
118-79-6	2,4,6-Tribromophenol	152.83		32-145		102	SPK: -150
1718-51-0	Terphenyl-d14	90.831		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	74098	7.899				
1146-65-2	Naphthalene-d8	260739	10.699				
15067-26-2	Acenaphthene-d10	164085	14.534				
1517-22-2	Phenanthrene-d10	404347	17.292				
1719-03-5	Chrysene-d12	441486	21.386				
1520-96-3	Perylene-d12	499705	23.81				



Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159068BL	SDG No.:	BP021924
Lab Sample ID:	PB159068BL	Matrix:	water
Analytical Method:	8270E	% Moisture:	100
Sample Wt/Vol:	1000	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
BP019761.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159068BS	SDG No.:	BP021924
Lab Sample ID:	PB159068BS	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
BP019762.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	41.8		2	8	10	ug/L
110-86-1	Pyridine	31.2		1.8	4	5	ug/L
100-52-7	Benzaldehyde	3.3	U	3.3	8	10	ug/L
62-53-3	Aniline	23		2.4	4	5	ug/L
108-95-2	Phenol	43.1		1.5	4	5	ug/L
111-44-4	bis(2-Chloroethyl)ether	40.6		1.7	4	5	ug/L
95-57-8	2-Chlorophenol	44.7		1.4	4	5	ug/L
95-50-1	1,2-Dichlorobenzene	41.2		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	41.8		1.4	4	5	ug/L
100-51-6	Benzyl Alcohol	42.3		2.4	8	10	ug/L
95-48-7	2-Methylphenol	43.1		2.1	4	5	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.8		2.3	4	5	ug/L
98-86-2	Acetophenone	42.9		1.8	4	5	ug/L
65794-96-9	3+4-Methylphenols	42.3		2.2	8	10	ug/L
621-64-7	n-Nitroso-di-n-propylamine	39.4		2	2.5	2.5	ug/L
67-72-1	Hexachloroethane	41		1.6	4	5	ug/L
98-95-3	Nitrobenzene	40.6		1.7	4	5	ug/L
78-59-1	Isophorone	41.9		1.7	4	5	ug/L
88-75-5	2-Nitrophenol	47.3		2.4	4	5	ug/L
105-67-9	2,4-Dimethylphenol	53.8		3	4	5	ug/L
111-91-1	bis(2-Chloroethoxy)methane	41.8		2	4	5	ug/L
120-83-2	2,4-Dichlorophenol	46.8		1.7	4	5	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.1		1.7	4	5	ug/L
65-85-0	Benzoic acid	50.5		6.7	8	10	ug/L
91-20-3	Naphthalene	41.4		1.7	4	5	ug/L
106-47-8	4-Chloroaniline	10.4		2.5	4	5	ug/L
87-68-3	Hexachlorobutadiene	42.7		1.9	4	5	ug/L
105-60-2	Caprolactam	50.7		3.4	8	10	ug/L
59-50-7	4-Chloro-3-methylphenol	46.6		1.8	4	5	ug/L
91-57-6	2-Methylnaphthalene	42.6		2.2	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159068BS	SDG No.:	BP021924
Lab Sample ID:	PB159068BS	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
BP019762.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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	46.9		1.5	4	5	ug/L
95-95-4	2,4,5-Trichlorophenol	46.3		1.6	4	5	ug/L
92-52-4	1,1-Biphenyl	42.8		1.8	4	5	ug/L
91-58-7	2-Chloronaphthalene	40.6		1.6	4	5	ug/L
88-74-4	2-Nitroaniline	45.3		2.4	4	5	ug/L
131-11-3	Dimethylphthalate	45.3		1.9	4	5	ug/L
208-96-8	Acenaphthylene	46.9		2.1	4	5	ug/L
606-20-2	2,6-Dinitrotoluene	45.7		2.1	4	5	ug/L
99-09-2	3-Nitroaniline	29.4		2.4	4	5	ug/L
83-32-9	Acenaphthene	42.6		1.7	4	5	ug/L
Total PAH	Total PAH	712.9		31	4	80	ug/L
51-28-5	2,4-Dinitrophenol	120	E	5.5	8	10	ug/L
100-02-7	4-Nitrophenol	98	E	2.8	8	10	ug/L
132-64-9	Dibenzofuran	44.6		1.6	4	5	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	95.2		4.6	4	10	ug/L
121-14-2	2,4-Dinitrotoluene	49.5		2.5	4	5	ug/L
84-66-2	Diethylphthalate	45.8		2.1	4	5	ug/L
7005-72-3	4-Chlorophenyl-phenylether	45.9		2.2	4	5	ug/L
86-73-7	Fluorene	45.6		2	4	5	ug/L
100-01-6	4-Nitroaniline	45.3		2.3	4	5	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	49.7		1.8	8	10	ug/L
86-30-6	n-Nitrosodiphenylamine	42.3		2	4	5	ug/L
103-33-3	Azobenzene	42.9		1.6	4	5	ug/L
101-55-3	4-Bromophenyl-phenylether	43.2		2	4	5	ug/L
118-74-1	Hexachlorobenzene	44.1		1.9	4	5	ug/L
1912-24-9	Atrazine	53.5		3.5	4	5	ug/L
87-86-5	Pentachlorophenol	98.6	E	2.6	8	10	ug/L
85-01-8	Phenanthrene	44.3		2	4	5	ug/L
120-12-7	Anthracene	45		2.3	4	5	ug/L
86-74-8	Carbazole	44.4		1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	43.8		2.4	4	5	ug/L
206-44-0	Fluoranthene	45.8		2.1	4	5	ug/L

Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159068BS	SDG No.:	BP021924
Lab Sample ID:	PB159068BS	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
BP019762.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	32.3		6.6	8	10	ug/L
129-00-0	Pyrene	44.1		1.9	4	5	ug/L
85-68-7	Butylbenzylphthalate	43.8		2.8	4	5	ug/L
91-94-1	3,3-Dichlorobenzidine	33.9		5.4	8	10	ug/L
56-55-3	Benzo(a)anthracene	45		1.5	4	5	ug/L
218-01-9	Chrysene	43.9		1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	41.9		2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	48.3		3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	44.6		1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	44.2		1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	44.6		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	46.3		2	4	5	ug/L
191-24-2	Benzo(g,h,i)perylene	43.5		1.9	4	5	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	45.5		2.1	4	5	ug/L
123-91-1	1,4-Dioxane	33.3		2.4	4	5	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	53.4		1.3	4	5	ug/L
90-12-0	1-Methylnaphthalene	42		2.1	4	5	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127.921		10-139		85	SPK: -150
13127-88-3	Phenol-d6	121.419		10-134		81	SPK: -150
4165-60-0	Nitrobenzene-d5	82.519		49-133		83	SPK: -100
321-60-8	2-Fluorobiphenyl	82.877		52-132		83	SPK: -100
118-79-6	2,4,6-Tribromophenol	161.94		32-145		108	SPK: -150
1718-51-0	Terphenyl-d14	91.361		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	68284	7.899				
1146-65-2	Naphthalene-d8	252527	10.699				
15067-26-2	Acenaphthene-d10	168830	14.534				
1517-22-2	Phenanthrene-d10	395536	17.292				
1719-03-5	Chrysene-d12	388252	21.386				
1520-96-3	Perylene-d12	443142	23.804				



Report of Analysis

Client:		Date Collected:	2/16/2024 12:00:00 AM
Project:		Date Received:	2/16/2024 12:00:00 AM
Client Sample ID:	PB159068BS	SDG No.:	BP021924
Lab Sample ID:	PB159068BS	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
BP019762.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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:	A1163	SDG No.:	BP021924
Lab Sample ID:	P1458-01	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
BP019763.D	1	2/15/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159054

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:	A1163	SDG No.:	BP021924
Lab Sample ID:	P1458-01	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
BP019763.D	1	2/15/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159054

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	2.6	J	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	2.2	J	1.7	4	5	ug/L
84-74-2	Di-n-butylphthalate	5.6		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:	A1163	SDG No.:	BP021924
Lab Sample ID:	P1458-01	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
BP019763.D	1	2/15/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159054

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	5		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	4.1	J	1.5	4	5	ug/L
218-01-9	Chrysene	4.9	J	1.6	4	5	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.7		2.9	4	5	ug/L
117-84-0	Di-n-octyl phthalate	4.1	J	3.1	8	10	ug/L
205-99-2	Benzo(b)fluoranthene	4.9	J	1.5	4	5	ug/L
207-08-9	Benzo(k)fluoranthene	4.7	J	1.9	4	5	ug/L
50-32-8	Benzo(a)pyrene	2.9	J	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	25.446		10-139		17	SPK: -150
13127-88-3	Phenol-d6	16.148		10-134		11	SPK: -150
4165-60-0	Nitrobenzene-d5	71.281		49-133		71	SPK: -100
321-60-8	2-Fluorobiphenyl	77.964		52-132		78	SPK: -100
118-79-6	2,4,6-Tribromophenol	108.427		32-145		72	SPK: -150
1718-51-0	Terphenyl-d14	91.008		36-145		91	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	75024	7.899				
1146-65-2	Naphthalene-d8	280151	10.699				
15067-26-2	Acenaphthene-d10	189228	14.534				
1517-22-2	Phenanthrene-d10	449138	17.292				
1719-03-5	Chrysene-d12	496298	21.386				
1520-96-3	Perylene-d12	571474	23.804				

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:	A1163	SDG No.:	BP021924
Lab Sample ID:	P1458-01	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
BP019763.D	1	2/15/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000143-07-7	Dodecanoic acid	2.6	J			14.963	
024851-98-7	Cyclopentaneacetic acid, 3-oxo-2-p	2	J			15.904	
000057-11-4	Octadecanoic acid	32.7	J			16.151	
000057-10-3	n-Hexadecanoic acid	48.6	J			18.198	
001478-61-1	4,4-(Hexafluoroisopropylidene)dip	2	J			18.704	
001002-84-2	Pentadecanoic acid	14.7	J			19.427	
1000308-98-5	Phthalic acid, 2-ethylhexyl isohex	2.3	J			20.175	
000295-65-8	Cyclohexadecane	3.7	J			21.104	

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:	TP-2	SDG No.:	BP021924
Lab Sample ID:	P1461-03	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
BP019764.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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:	TP-2	SDG No.:	BP021924
Lab Sample ID:	P1461-03	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
BP019764.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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	36.5	J	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:	TP-2	SDG No.:	BP021924
Lab Sample ID:	P1461-03	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
BP019764.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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	45.8	J	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	38.3	J	14.5	40	50	ug/L
218-01-9	Chrysene	47.4	J	15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	44.8	J	29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	44.8	J	31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	52		15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	52.6		18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	33.9	J	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	124.998		10-139		83	SPK: -150
13127-88-3	Phenol-d6	110.719		10-134		74	SPK: -150
4165-60-0	Nitrobenzene-d5	87.877		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	86.518		52-132		87	SPK: -100
118-79-6	2,4,6-Tribromophenol	192.569		32-145		128	SPK: -150
1718-51-0	Terphenyl-d14	100.471		36-145		100	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	63434	7.899				
1146-65-2	Naphthalene-d8	232492	10.699				
15067-26-2	Acenaphthene-d10	156707	14.534				
1517-22-2	Phenanthrene-d10	388605	17.292				
1719-03-5	Chrysene-d12	426561	21.386				
1520-96-3	Perylene-d12	465442	23.804				



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:	TP-2	SDG No.:	BP021924
Lab Sample ID:	P1461-03	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
BP019764.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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:	TP-2MS	SDG No.:	BP021924
Lab Sample ID:	P1461-03MS	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
BP019765.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	440		20.2	80	100	ug/L
110-86-1	Pyridine	320		17.8	40	50	ug/L
100-52-7	Benzaldehyde	67.9	J	32.8	80	100	ug/L
62-53-3	Aniline	340		24.2	40	50	ug/L
108-95-2	Phenol	440		14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	440		16.5	40	50	ug/L
95-57-8	2-Chlorophenol	480		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	430		17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	430		14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	500		23.8	80	100	ug/L
95-48-7	2-Methylphenol	470		20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	430		22.6	40	50	ug/L
98-86-2	Acetophenone	460		17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	470		21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	440		19.8	25	25	ug/L
67-72-1	Hexachloroethane	420		16.4	40	50	ug/L
98-95-3	Nitrobenzene	440		17.2	40	50	ug/L
78-59-1	Isophorone	470		17.1	40	50	ug/L
88-75-5	2-Nitrophenol	510		23.8	40	50	ug/L
105-67-9	2,4-Dimethylphenol	560		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	520		16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	450		17	40	50	ug/L
65-85-0	Benzoic acid	530		66.5	80	100	ug/L
91-20-3	Naphthalene	450		16.9	40	50	ug/L
106-47-8	4-Chloroaniline	110		25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	450		19.3	40	50	ug/L
105-60-2	Caprolactam	520		34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	530		17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	470		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:	TP-2MS	SDG No.:	BP021924
Lab Sample ID:	P1461-03MS	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
BP019765.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	1200	E	57.4	80	100	ug/L
88-06-2	2,4,6-Trichlorophenol	520		15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	540		15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	460		17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	450		15.9	40	50	ug/L
88-74-4	2-Nitroaniline	530		23.7	40	50	ug/L
131-11-3	Dimethylphthalate	530		18.8	40	50	ug/L
208-96-8	Acenaphthylene	520		21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	530		21	40	50	ug/L
99-09-2	3-Nitroaniline	410		23.6	40	50	ug/L
83-32-9	Acenaphthene	480		17.2	40	50	ug/L
Total PAH	Total PAH	8190		309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1400	E	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	1100	E	28	80	100	ug/L
132-64-9	Dibenzofuran	510		15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	120		46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	590		25.4	40	50	ug/L
84-66-2	Diethylphthalate	550		20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	530		22.2	40	50	ug/L
86-73-7	Fluorene	520		20.4	40	50	ug/L
100-01-6	4-Nitroaniline	550		23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	580		18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	470		19.5	40	50	ug/L
103-33-3	Azobenzene	500		16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	490		19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	500		19.1	40	50	ug/L
1912-24-9	Atrazine	590		35	40	50	ug/L
87-86-5	Pentachlorophenol	1100	E	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	530		17	40	50	ug/L
84-74-2	Di-n-butylphthalate	540		24	40	50	ug/L
206-44-0	Fluoranthene	550		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:	TP-2MS	SDG No.:	BP021924
Lab Sample ID:	P1461-03MS	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
BP019765.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	310		65.8	80	100	ug/L
129-00-0	Pyrene	480		18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	520		28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	450		53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	530		14.5	40	50	ug/L
218-01-9	Chrysene	530		15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	490		29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	490		31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	530		15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	560		18.7	40	50	ug/L
50-32-8	Benzo(a)pyrene	530		27	40	50	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	500		20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	500		19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	480		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	340		24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	620		13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	460		20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	127.716		10-139		85	SPK: -150
13127-88-3	Phenol-d6	119.769		10-134		80	SPK: -150
4165-60-0	Nitrobenzene-d5	87.165		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	88.109		52-132		88	SPK: -100
118-79-6	2,4,6-Tribromophenol	183.871		32-145		123	SPK: -150
1718-51-0	Terphenyl-d14	95.45		36-145		95	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56827	7.899				
1146-65-2	Naphthalene-d8	213858	10.699				
15067-26-2	Acenaphthene-d10	145842	14.534				
1517-22-2	Phenanthrene-d10	351551	17.292				
1719-03-5	Chrysene-d12	381011	21.386				
1520-96-3	Perylene-d12	439364	23.804				



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:	TP-2MS	SDG No.:	BP021924
Lab Sample ID:	P1461-03MS	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
BP019765.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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:	TP-2MSD	SDG No.:	BP021924
Lab Sample ID:	P1461-03MSD	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
BP019766.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	440		20.2	80	100	ug/L
110-86-1	Pyridine	320		17.8	40	50	ug/L
100-52-7	Benzaldehyde	62.1	J	32.8	80	100	ug/L
62-53-3	Aniline	310		24.2	40	50	ug/L
108-95-2	Phenol	420		14.8	40	50	ug/L
111-44-4	bis(2-Chloroethyl)ether	440		16.5	40	50	ug/L
95-57-8	2-Chlorophenol	480		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	430		17.4	40	50	ug/L
106-46-7	1,4-Dichlorobenzene	430		14.3	40	50	ug/L
100-51-6	Benzyl Alcohol	480		23.8	80	100	ug/L
95-48-7	2-Methylphenol	460		20.6	40	50	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	420		22.6	40	50	ug/L
98-86-2	Acetophenone	460		17.9	40	50	ug/L
65794-96-9	3+4-Methylphenols	450		21.6	80	100	ug/L
621-64-7	n-Nitroso-di-n-propylamine	440		19.8	25	25	ug/L
67-72-1	Hexachloroethane	420		16.4	40	50	ug/L
98-95-3	Nitrobenzene	440		17.2	40	50	ug/L
78-59-1	Isophorone	470		17.1	40	50	ug/L
88-75-5	2-Nitrophenol	510		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	520		16.9	40	50	ug/L
120-82-1	1,2,4-Trichlorobenzene	460		17	40	50	ug/L
65-85-0	Benzoic acid	520		66.5	80	100	ug/L
91-20-3	Naphthalene	450		16.9	40	50	ug/L
106-47-8	4-Chloroaniline	100		25.4	40	50	ug/L
87-68-3	Hexachlorobutadiene	460		19.3	40	50	ug/L
105-60-2	Caprolactam	520		34.3	80	100	ug/L
59-50-7	4-Chloro-3-methylphenol	530		17.5	40	50	ug/L
91-57-6	2-Methylnaphthalene	470		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:	TP-2MSD	SDG No.:	BP021924
Lab Sample ID:	P1461-03MSD	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
BP019766.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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	520		15.2	40	50	ug/L
95-95-4	2,4,5-Trichlorophenol	520		15.7	40	50	ug/L
92-52-4	1,1-Biphenyl	470		17.9	40	50	ug/L
91-58-7	2-Chloronaphthalene	450		15.9	40	50	ug/L
88-74-4	2-Nitroaniline	530		23.7	40	50	ug/L
131-11-3	Dimethylphthalate	530		18.8	40	50	ug/L
208-96-8	Acenaphthylene	530		21.4	40	50	ug/L
606-20-2	2,6-Dinitrotoluene	520		21	40	50	ug/L
99-09-2	3-Nitroaniline	410		23.6	40	50	ug/L
83-32-9	Acenaphthene	470		17.2	40	50	ug/L
Total PAH	Total PAH	8210		309	40	800	ug/L
51-28-5	2,4-Dinitrophenol	1300	E	54.5	80	100	ug/L
100-02-7	4-Nitrophenol	1100	E	28	80	100	ug/L
132-64-9	Dibenzofuran	510		15.8	40	50	ug/L
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	100		46.4	40	100	ug/L
121-14-2	2,4-Dinitrotoluene	580		25.4	40	50	ug/L
84-66-2	Diethylphthalate	540		20.5	40	50	ug/L
7005-72-3	4-Chlorophenyl-phenylether	520		22.2	40	50	ug/L
86-73-7	Fluorene	520		20.4	40	50	ug/L
100-01-6	4-Nitroaniline	560		23.4	40	50	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	590		18	80	100	ug/L
86-30-6	n-Nitrosodiphenylamine	470		19.5	40	50	ug/L
103-33-3	Azobenzene	490		16.4	40	50	ug/L
101-55-3	4-Bromophenyl-phenylether	490		19.5	40	50	ug/L
118-74-1	Hexachlorobenzene	500		19.1	40	50	ug/L
1912-24-9	Atrazine	590		35	40	50	ug/L
87-86-5	Pentachlorophenol	1200	E	25.5	80	100	ug/L
85-01-8	Phenanthrene	520		20	40	50	ug/L
120-12-7	Anthracene	520		22.8	40	50	ug/L
86-74-8	Carbazole	530		17	40	50	ug/L
84-74-2	Di-n-butylphthalate	530		24	40	50	ug/L
206-44-0	Fluoranthene	560		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:	TP-2MSD	SDG No.:	BP021924
Lab Sample ID:	P1461-03MSD	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
BP019766.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	300		65.8	80	100	ug/L
129-00-0	Pyrene	470		18.9	40	50	ug/L
85-68-7	Butylbenzylphthalate	500		28	40	50	ug/L
91-94-1	3,3-Dichlorobenzidine	470		53.8	80	100	ug/L
56-55-3	Benzo(a)anthracene	530		14.5	40	50	ug/L
218-01-9	Chrysene	530		15.7	40	50	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	470		29.3	40	50	ug/L
117-84-0	Di-n-octyl phthalate	470		31.3	80	100	ug/L
205-99-2	Benzo(b)fluoranthene	530		15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	540		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	510		20.9	40	50	ug/L
53-70-3	Dibenzo(a,h)anthracene	510		19.8	40	50	ug/L
191-24-2	Benzo(g,h,i)perylene	480		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	350		24.4	40	50	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	620		13.1	40	50	ug/L
90-12-0	1-Methylnaphthalene	460		20.8	40	50	ug/L
SURROGATES							
367-12-4	2-Fluorophenol	125.703		10-139		84	SPK: -150
13127-88-3	Phenol-d6	115.637		10-134		77	SPK: -150
4165-60-0	Nitrobenzene-d5	87.846		49-133		88	SPK: -100
321-60-8	2-Fluorobiphenyl	87.361		52-132		87	SPK: -100
118-79-6	2,4,6-Tribromophenol	184.789		32-145		123	SPK: -150
1718-51-0	Terphenyl-d14	92.671		36-145		93	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	57912	7.899				
1146-65-2	Naphthalene-d8	212866	10.699				
15067-26-2	Acenaphthene-d10	142897	14.534				
1517-22-2	Phenanthrene-d10	341629	17.292				
1719-03-5	Chrysene-d12	383533	21.386				
1520-96-3	Perylene-d12	460165	23.804				

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:	TP-2MSD	SDG No.:	BP021924
Lab Sample ID:	P1461-03MSD	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
BP019766.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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:	TP-1	SDG No.:	BP021924
Lab Sample ID:	P1461-06	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
BP019767.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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:	TP-1	SDG No.:	BP021924
Lab Sample ID:	P1461-06	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
BP019767.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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:	2/12/2024 12:00:00 AM
Project:		Date Received:	2/12/2024 12:00:00 AM
Client Sample ID:	TP-1	SDG No.:	BP021924
Lab Sample ID:	P1461-06	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
BP019767.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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	24	J	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	27.2	J	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	27.4	J	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	123.755		10-139		83	SPK: -150
13127-88-3	Phenol-d6	109.418		10-134		73	SPK: -150
4165-60-0	Nitrobenzene-d5	90.035		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	86.999		52-132		87	SPK: -100
118-79-6	2,4,6-Tribromophenol	195.49		32-145		130	SPK: -150
1718-51-0	Terphenyl-d14	96.091		36-145		96	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	58866	7.899				
1146-65-2	Naphthalene-d8	208653	10.699				
15067-26-2	Acenaphthene-d10	145032	14.534				
1517-22-2	Phenanthrene-d10	370279	17.292				
1719-03-5	Chrysene-d12	412121	21.386				
1520-96-3	Perylene-d12	449954	23.804				



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:	TP-1	SDG No.:	BP021924
Lab Sample ID:	P1461-06	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
BP019767.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1S	SDG No.:	BP021924
Lab Sample ID:	P1505-04	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
BP019768.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1S	SDG No.:	BP021924
Lab Sample ID:	P1505-04	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
BP019768.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1S	SDG No.:	BP021924
Lab Sample ID:	P1505-04	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
BP019768.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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	22.9	J	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	23.5	J	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	31.6	J	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	116.877		10-139		78	SPK: -150
13127-88-3	Phenol-d6	96.797		10-134		65	SPK: -150
4165-60-0	Nitrobenzene-d5	86.93		49-133		87	SPK: -100
321-60-8	2-Fluorobiphenyl	84.415		52-132		84	SPK: -100
118-79-6	2,4,6-Tribromophenol	180.746		32-145		120	SPK: -150
1718-51-0	Terphenyl-d14	84.195		36-145		84	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	47588	7.899				
1146-65-2	Naphthalene-d8	167547	10.699				
15067-26-2	Acenaphthene-d10	108381	14.534				
1517-22-2	Phenanthrene-d10	274481	17.292				
1719-03-5	Chrysene-d12	332580	21.38				
1520-96-3	Perylene-d12	382285	23.804				

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1S	SDG No.:	BP021924
Lab Sample ID:	P1505-04	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
BP019768.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1D	SDG No.:	BP021924
Lab Sample ID:	P1505-08	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
BP019769.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1D	SDG No.:	BP021924
Lab Sample ID:	P1505-08	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
BP019769.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1D	SDG No.:	BP021924
Lab Sample ID:	P1505-08	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
BP019769.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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	20.1	J	15	40	50	ug/L
207-08-9	Benzo(k)fluoranthene	24.3	J	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	128.289		10-139		86	SPK: -150
13127-88-3	Phenol-d6	110.421		10-134		74	SPK: -150
4165-60-0	Nitrobenzene-d5	89.999		49-133		90	SPK: -100
321-60-8	2-Fluorobiphenyl	87.399		52-132		87	SPK: -100
118-79-6	2,4,6-Tribromophenol	194.011		32-145		129	SPK: -150
1718-51-0	Terphenyl-d14	89.992		36-145		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	52167	7.899				
1146-65-2	Naphthalene-d8	193191	10.698				
15067-26-2	Acenaphthene-d10	134083	14.534				
1517-22-2	Phenanthrene-d10	339988	17.292				
1719-03-5	Chrysene-d12	374409	21.38				
1520-96-3	Perylene-d12	401376	23.804				



Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1D	SDG No.:	BP021924
Lab Sample ID:	P1505-08	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 :	PH :
		GPC Cleanup :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP019769.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159068

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

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1S	SDG No.:	BP021924
Lab Sample ID:	P1505-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
Sample Wt/Vol:	50.05	Units:	g
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
BP019770.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	50.5	U	50.5	180	220	ug/Kg
110-86-1	Pyridine	47.3	U	47.3	85	110	ug/Kg
100-52-7	Benzaldehyde	96.7	U	96.7	180	220	ug/Kg
62-53-3	Aniline	76.5	U	76.5	85	110	ug/Kg
108-95-2	Phenol	48.6	U	48.6	85	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.7	U	58.7	85	110	ug/Kg
95-57-8	2-Chlorophenol	47.1	U	47.1	85	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.4	U	53.4	85	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.8	U	57.8	85	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	53.9	U	53.9	85	110	ug/Kg
100-51-6	Benzyl Alcohol	64.6	U	64.6	180	220	ug/Kg
95-48-7	2-Methylphenol	74.5	U	74.5	85	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68.6	U	68.6	85	110	ug/Kg
98-86-2	Acetophenone	56.7	U	56.7	85	110	ug/Kg
65794-96-9	3+4-Methylphenols	70.6	U	70.6	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	38.6	U	38.6	52.3	52.3	ug/Kg
67-72-1	Hexachloroethane	48.1	U	48.1	85	110	ug/Kg
98-95-3	Nitrobenzene	49.2	U	49.2	85	110	ug/Kg
78-59-1	Isophorone	44.5	U	44.5	85	110	ug/Kg
88-75-5	2-Nitrophenol	62.2	U	62.2	85	110	ug/Kg
105-67-9	2,4-Dimethylphenol	65.1	U	65.1	85	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	73.2	U	73.2	85	110	ug/Kg
120-83-2	2,4-Dichlorophenol	51.1	U	51.1	85	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	50.7	U	50.7	85	110	ug/Kg
65-85-0	Benzoic acid	140	U	140	180	220	ug/Kg
91-20-3	Naphthalene	53.2	U	53.2	85	110	ug/Kg
106-47-8	4-Chloroaniline	68.6	U	68.6	85	110	ug/Kg
87-68-3	Hexachlorobutadiene	54.9	U	54.9	85	110	ug/Kg
105-60-2	Caprolactam	76.5	U	76.5	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	53.9	U	53.9	85	110	ug/Kg
91-57-6	2-Methylnaphthalene	62	U	62	85	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1S	SDG No.:	BP021924
Lab Sample ID:	P1505-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
Sample Wt/Vol:	50.05	Units:	g
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
BP019770.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50.4	U	50.4	85	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57.5	U	57.5	85	110	ug/Kg
92-52-4	1,1-Biphenyl	59.7	U	59.7	85	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.3	U	55.3	85	110	ug/Kg
88-74-4	2-Nitroaniline	64.9	U	64.9	85	110	ug/Kg
131-11-3	Dimethylphthalate	58.1	U	58.1	85	110	ug/Kg
208-96-8	Acenaphthylene	57.8	U	57.8	85	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.8	U	58.8	85	110	ug/Kg
99-09-2	3-Nitroaniline	61.1	U	61.1	85	110	ug/Kg
83-32-9	Acenaphthene	52.5	U	52.5	85	110	ug/Kg
Total PAH	Total PAH	1248.5	U	939.3	85	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	180	220	ug/Kg
100-02-7	4-Nitrophenol	74.5	U	74.5	180	220	ug/Kg
132-64-9	Dibenzofuran	50.3	U	50.3	85	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	24.1	U	124.1	85	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	65.3	U	65.3	85	110	ug/Kg
84-66-2	Diethylphthalate	56.1	U	56.1	85	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.1	U	59.1	85	110	ug/Kg
86-73-7	Fluorene	55.4	U	55.4	85	110	ug/Kg
100-01-6	4-Nitroaniline	68	U	68	85	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	57.4	U	57.4	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	61	U	61	85	110	ug/Kg
103-33-3	Azobenzene	48	U	48	85	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	63.7	U	63.7	85	110	ug/Kg
118-74-1	Hexachlorobenzene	64.6	U	64.6	85	110	ug/Kg
1912-24-9	Atrazine	62.4	U	62.4	85	110	ug/Kg
87-86-5	Pentachlorophenol	72.6	U	72.6	180	220	ug/Kg
85-01-8	Phenanthrene	93.4	J	60.6	85	110	ug/Kg
120-12-7	Anthracene	66.7	U	66.7	85	110	ug/Kg
86-74-8	Carbazole	55.5	U	55.5	85	110	ug/Kg
84-74-2	Di-n-butylphthalate	68	U	68	85	110	ug/Kg
206-44-0	Fluoranthene	240		61.7	85	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1S	SDG No.:	BP021924
Lab Sample ID:	P1505-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
Sample Wt/Vol:	50.05	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
BP019770.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	180	220	ug/Kg
129-00-0	Pyrene	190		54.7	85	110	ug/Kg
85-68-7	Butylbenzylphthalate	67.3	U	67.3	85	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	140		54.8	85	110	ug/Kg
218-01-9	Chrysene	130		56.7	85	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	75.2	U	75.2	85	110	ug/Kg
117-84-0	Di-n-octyl phthalate	80.4	U	80.4	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	170		52.5	85	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	90.2	J	57.6	85	110	ug/Kg
50-32-8	Benzo(a)pyrene	130		61.6	85	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	69.9	U	69.9	85	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63.1	U	63.1	85	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	64.9	J	60.5	85	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.4	U	58.4	85	110	ug/Kg
123-91-1	1,4-Dioxane	76.5	U	76.5	85	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54.2	U	54.2	85	110	ug/Kg
90-12-0	1-Methylnaphthalene	59	U	59	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	98.991		18-112		66	SPK: -150
13127-88-3	Phenol-d6	93.482		15-107		62	SPK: -150
4165-60-0	Nitrobenzene-d5	61.621		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	60.707		20-109		61	SPK: -100
118-79-6	2,4,6-Tribromophenol	132.885		10-110		89	SPK: -150
1718-51-0	Terphenyl-d14	66.316		14-112		66	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	56291	7.899				
1146-65-2	Naphthalene-d8	210573	10.699				
15067-26-2	Acenaphthene-d10	142548	14.534				
1517-22-2	Phenanthrene-d10	345059	17.292				
1719-03-5	Chrysene-d12	358724	21.38				
1520-96-3	Perylene-d12	393542	23.798				



Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1S	SDG No.:	BP021924
Lab Sample ID:	P1505-01	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.3
Sample Wt/Vol:	50.05	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
BP019770.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	A			5.017	
000057-10-3	n-Hexadecanoic acid	260	J			18.186	
000057-11-4	Octadecanoic acid	52.7	J			19.422	
010192-32-2	1-Tetracosene	66.2	J			21.104	

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-2S	SDG No.:	BP021924
Lab Sample ID:	P1505-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.07	Units:	g
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
BP019771.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	51	U	51	180	220	ug/Kg
110-86-1	Pyridine	47.7	U	47.7	85.7	110	ug/Kg
100-52-7	Benzaldehyde	97.6	U	97.6	180	220	ug/Kg
62-53-3	Aniline	77.1	U	77.1	85.7	110	ug/Kg
108-95-2	Phenol	49	U	49	85.7	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	59.2	U	59.2	85.7	110	ug/Kg
95-57-8	2-Chlorophenol	47.5	U	47.5	85.7	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.9	U	53.9	85.7	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	58.3	U	58.3	85.7	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	54.3	U	54.3	85.7	110	ug/Kg
100-51-6	Benzyl Alcohol	65.1	U	65.1	180	220	ug/Kg
95-48-7	2-Methylphenol	75.1	U	75.1	85.7	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	69.2	U	69.2	85.7	110	ug/Kg
98-86-2	Acetophenone	57.1	U	57.1	85.7	110	ug/Kg
65794-96-9	3+4-Methylphenols	71.2	U	71.2	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	38.9	U	38.9	52.7	52.7	ug/Kg
67-72-1	Hexachloroethane	48.5	U	48.5	85.7	110	ug/Kg
98-95-3	Nitrobenzene	49.6	U	49.6	85.7	110	ug/Kg
78-59-1	Isophorone	44.9	U	44.9	85.7	110	ug/Kg
88-75-5	2-Nitrophenol	62.7	U	62.7	85.7	110	ug/Kg
105-67-9	2,4-Dimethylphenol	65.7	U	65.7	85.7	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	73.8	U	73.8	85.7	110	ug/Kg
120-83-2	2,4-Dichlorophenol	51.5	U	51.5	85.7	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	51.1	U	51.1	85.7	110	ug/Kg
65-85-0	Benzoic acid	140	U	140	180	220	ug/Kg
91-20-3	Naphthalene	53.7	U	53.7	85.7	110	ug/Kg
106-47-8	4-Chloroaniline	69.2	U	69.2	85.7	110	ug/Kg
87-68-3	Hexachlorobutadiene	55.4	U	55.4	85.7	110	ug/Kg
105-60-2	Caprolactam	77.1	U	77.1	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54.4	U	54.4	85.7	110	ug/Kg
91-57-6	2-Methylnaphthalene	62.6	U	62.6	85.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-2S	SDG No.:	BP021924
Lab Sample ID:	P1505-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.07	Units:	g
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
BP019771.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50.8	U	50.8	85.7	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57.9	U	57.9	85.7	110	ug/Kg
92-52-4	1,1-Biphenyl	60.2	U	60.2	85.7	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.8	U	55.8	85.7	110	ug/Kg
88-74-4	2-Nitroaniline	65.5	U	65.5	85.7	110	ug/Kg
131-11-3	Dimethylphthalate	58.6	U	58.6	85.7	110	ug/Kg
208-96-8	Acenaphthylene	58.3	U	58.3	85.7	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	59.3	U	59.3	85.7	110	ug/Kg
99-09-2	3-Nitroaniline	61.6	U	61.6	85.7	110	ug/Kg
83-32-9	Acenaphthene	52.9	U	52.9	85.7	110	ug/Kg
Total PAH	Total PAH	947.3	U	947.3	85.7	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	180	220	ug/Kg
100-02-7	4-Nitrophenol	75.1	U	75.1	180	220	ug/Kg
132-64-9	Dibenzofuran	50.7	U	50.7	85.7	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	25.1	U	125.1	85.7	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	65.8	U	65.8	85.7	110	ug/Kg
84-66-2	Diethylphthalate	56.6	U	56.6	85.7	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.6	U	59.6	85.7	110	ug/Kg
86-73-7	Fluorene	55.9	U	55.9	85.7	110	ug/Kg
100-01-6	4-Nitroaniline	68.6	U	68.6	85.7	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	57.9	U	57.9	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	61.5	U	61.5	85.7	110	ug/Kg
103-33-3	Azobenzene	48.4	U	48.4	85.7	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	64.2	U	64.2	85.7	110	ug/Kg
118-74-1	Hexachlorobenzene	65.1	U	65.1	85.7	110	ug/Kg
1912-24-9	Atrazine	62.9	U	62.9	85.7	110	ug/Kg
87-86-5	Pentachlorophenol	73.2	U	73.2	180	220	ug/Kg
85-01-8	Phenanthrene	61.1	U	61.1	85.7	110	ug/Kg
120-12-7	Anthracene	67.2	U	67.2	85.7	110	ug/Kg
86-74-8	Carbazole	56	U	56	85.7	110	ug/Kg
84-74-2	Di-n-butylphthalate	68.6	U	68.6	85.7	110	ug/Kg
206-44-0	Fluoranthene	120		62.2	85.7	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-2S	SDG No.:	BP021924
Lab Sample ID:	P1505-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.07	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
BP019771.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	180	220	ug/Kg
129-00-0	Pyrene	110		55.2	85.7	110	ug/Kg
85-68-7	Butylbenzylphthalate	67.9	U	67.9	85.7	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	72.1	J	55.3	85.7	110	ug/Kg
218-01-9	Chrysene	80.7	J	57.2	85.7	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	75.8	U	75.8	85.7	110	ug/Kg
117-84-0	Di-n-octyl phthalate	81.1	U	81.1	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	110		52.9	85.7	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	62.6	J	58.1	85.7	110	ug/Kg
50-32-8	Benzo(a)pyrene	75.3	J	62.2	85.7	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	70.5	U	70.5	85.7	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63.6	U	63.6	85.7	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	61	U	61	85.7	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.9	U	58.9	85.7	110	ug/Kg
123-91-1	1,4-Dioxane	77.1	U	77.1	85.7	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54.6	U	54.6	85.7	110	ug/Kg
90-12-0	1-Methylnaphthalene	59.5	U	59.5	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	52.854		18-112		35	SPK: -150
13127-88-3	Phenol-d6	114.07		15-107		76	SPK: -150
4165-60-0	Nitrobenzene-d5	81.637		18-107		82	SPK: -100
321-60-8	2-Fluorobiphenyl	83.354		20-109		83	SPK: -100
118-79-6	2,4,6-Tribromophenol	57.724		10-110		38	SPK: -150
1718-51-0	Terphenyl-d14	90.071		14-112		90	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81948	7.899				
1146-65-2	Naphthalene-d8	309554	10.699				
15067-26-2	Acenaphthene-d10	208293	14.534				
1517-22-2	Phenanthrene-d10	474368	17.292				
1719-03-5	Chrysene-d12	460784	21.38				
1520-96-3	Perylene-d12	516069	23.798				



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

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-2S	SDG No.:	BP021924
Lab Sample ID:	P1505-09	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	9.1
Sample Wt/Vol:	50.07	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
BP019771.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000141-79-7	3-Penten-2-one, 4-methyl-	71.2	A			4.411	
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	470	A			5.017	
000057-10-3	n-Hexadecanoic acid	190	J			18.186	
000057-11-4	Octadecanoic acid	47.7	J			19.422	
018435-45-5	1-Nonadecene	110	J			21.104	

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-2D	SDG No.:	BP021924
Lab Sample ID:	P1505-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
Sample Wt/Vol:	50.09	Units:	g
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
BP019772.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	52	U	52	180	220	ug/Kg
110-86-1	Pyridine	48.7	U	48.7	87.4	110	ug/Kg
100-52-7	Benzaldehyde	99.5	U	99.5	180	220	ug/Kg
62-53-3	Aniline	78.6	U	78.6	87.4	110	ug/Kg
108-95-2	Phenol	50	U	50	87.4	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	60.4	U	60.4	87.4	110	ug/Kg
95-57-8	2-Chlorophenol	48.4	U	48.4	87.4	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	54.9	U	54.9	87.4	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.5	U	59.5	87.4	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	55.4	U	55.4	87.4	110	ug/Kg
100-51-6	Benzyl Alcohol	66.4	U	66.4	180	220	ug/Kg
95-48-7	2-Methylphenol	76.6	U	76.6	87.4	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	70.6	U	70.6	87.4	110	ug/Kg
98-86-2	Acetophenone	58.3	U	58.3	87.4	110	ug/Kg
65794-96-9	3+4-Methylphenols	72.6	U	72.6	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	39.7	U	39.7	53.8	53.8	ug/Kg
67-72-1	Hexachloroethane	49.5	U	49.5	87.4	110	ug/Kg
98-95-3	Nitrobenzene	50.5	U	50.5	87.4	110	ug/Kg
78-59-1	Isophorone	45.8	U	45.8	87.4	110	ug/Kg
88-75-5	2-Nitrophenol	63.9	U	63.9	87.4	110	ug/Kg
105-67-9	2,4-Dimethylphenol	67	U	67	87.4	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	75.3	U	75.3	87.4	110	ug/Kg
120-83-2	2,4-Dichlorophenol	52.5	U	52.5	87.4	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	52.1	U	52.1	87.4	110	ug/Kg
65-85-0	Benzoic acid	140	U	140	180	220	ug/Kg
91-20-3	Naphthalene	54.7	U	54.7	87.4	110	ug/Kg
106-47-8	4-Chloroaniline	70.6	U	70.6	87.4	110	ug/Kg
87-68-3	Hexachlorobutadiene	56.5	U	56.5	87.4	110	ug/Kg
105-60-2	Caprolactam	78.6	U	78.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	55.5	U	55.5	87.4	110	ug/Kg
91-57-6	2-Methylnaphthalene	63.8	U	63.8	87.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-2D	SDG No.:	BP021924
Lab Sample ID:	P1505-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
Sample Wt/Vol:	50.09	Units:	g
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
BP019772.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	51.8	U	51.8	87.4	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	59.1	U	59.1	87.4	110	ug/Kg
92-52-4	1,1-Biphenyl	61.4	U	61.4	87.4	110	ug/Kg
91-58-7	2-Chloronaphthalene	56.9	U	56.9	87.4	110	ug/Kg
88-74-4	2-Nitroaniline	66.7	U	66.7	87.4	110	ug/Kg
131-11-3	Dimethylphthalate	59.8	U	59.8	87.4	110	ug/Kg
208-96-8	Acenaphthylene	190		59.4	87.4	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	60.5	U	60.5	87.4	110	ug/Kg
99-09-2	3-Nitroaniline	62.8	U	62.8	87.4	110	ug/Kg
83-32-9	Acenaphthene	54	U	54	87.4	110	ug/Kg
Total PAH	Total PAH	12840	U	966.1	87.4	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	180	220	ug/Kg
100-02-7	4-Nitrophenol	76.6	U	76.6	180	220	ug/Kg
132-64-9	Dibenzofuran	51.7	U	51.7	87.4	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	27.7	U	127.7	87.4	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	67.2	U	67.2	87.4	110	ug/Kg
84-66-2	Diethylphthalate	57.7	U	57.7	87.4	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	60.8	U	60.8	87.4	110	ug/Kg
86-73-7	Fluorene	57	U	57	87.4	110	ug/Kg
100-01-6	4-Nitroaniline	69.9	U	69.9	87.4	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	59	U	59	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	62.7	U	62.7	87.4	110	ug/Kg
103-33-3	Azobenzene	49.4	U	49.4	87.4	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	65.5	U	65.5	87.4	110	ug/Kg
118-74-1	Hexachlorobenzene	66.4	U	66.4	87.4	110	ug/Kg
1912-24-9	Atrazine	64.1	U	64.1	87.4	110	ug/Kg
87-86-5	Pentachlorophenol	74.6	U	74.6	180	220	ug/Kg
85-01-8	Phenanthrene	400		62.3	87.4	110	ug/Kg
120-12-7	Anthracene	220		68.6	87.4	110	ug/Kg
86-74-8	Carbazole	57.1	U	57.1	87.4	110	ug/Kg
84-74-2	Di-n-butylphthalate	69.9	U	69.9	87.4	110	ug/Kg
206-44-0	Fluoranthene	2500	E	63.5	87.4	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-2D	SDG No.:	BP021924
Lab Sample ID:	P1505-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
Sample Wt/Vol:	50.09	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
BP019772.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	180	220	ug/Kg
129-00-0	Pyrene	1800		56.3	87.4	110	ug/Kg
85-68-7	Butylbenzylphthalate	69.2	U	69.2	87.4	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1500		56.4	87.4	110	ug/Kg
218-01-9	Chrysene	980		58.3	87.4	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	77.3	U	77.3	87.4	110	ug/Kg
117-84-0	Di-n-octyl phthalate	82.7	U	82.7	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1800		54	87.4	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	540		59.2	87.4	110	ug/Kg
50-32-8	Benzo(a)pyrene	1400		63.4	87.4	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	640		71.9	87.4	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	230		64.9	87.4	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	640		62.2	87.4	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	60.1	U	60.1	87.4	110	ug/Kg
123-91-1	1,4-Dioxane	78.6	U	78.6	87.4	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	55.7	U	55.7	87.4	110	ug/Kg
90-12-0	1-Methylnaphthalene	60.6	U	60.6	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	111.387		18-112		74	SPK: -150
13127-88-3	Phenol-d6	111.169		15-107		74	SPK: -150
4165-60-0	Nitrobenzene-d5	71.662		18-107		72	SPK: -100
321-60-8	2-Fluorobiphenyl	71.045		20-109		71	SPK: -100
118-79-6	2,4,6-Tribromophenol	129.403		10-110		86	SPK: -150
1718-51-0	Terphenyl-d14	73.71		14-112		74	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	78443	7.899				
1146-65-2	Naphthalene-d8	303906	10.698				
15067-26-2	Acenaphthene-d10	204099	14.534				
1517-22-2	Phenanthrene-d10	458623	17.292				
1719-03-5	Chrysene-d12	454535	21.386				
1520-96-3	Perylene-d12	510924	23.81				

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-2D	SDG No.:	BP021924
Lab Sample ID:	P1505-13	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	10.9
Sample Wt/Vol:	50.09	Units:	g
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
BP019772.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	240	A			5.016	
002531-84-2	Phenanthrene, 2-methyl-	130	J			18.157	
000832-69-9	Phenanthrene, 1-methyl-	290	J			18.204	
004505-48-0	1H-Indene, 2-phenyl-	85.1	J			18.286	
000203-64-5	4H-Cyclopenta[def]phenanthrene	310	J			18.345	
000613-12-7	Anthracene, 2-methyl-	78.4	J			18.38	
000612-94-2	Naphthalene, 2-phenyl-	110	J			18.645	
001576-67-6	Phenanthrene, 3,6-dimethyl-	47.3	J			18.88	
001576-69-8	Phenanthrene, 2,7-dimethyl-	57.1	J			18.927	
000781-43-1	9,10-Dimethylanthracene	180	J			19.045	
	unknown19.110	65.4	J			19.11	
005737-13-3	Cyclopenta(def)phenanthrenone	210	J			19.186	
002381-21-7	Pyrene, 1-methyl-	58.5	J			19.974	
000243-17-4	11H-Benzo[b]fluorene	83.8	J			20.139	
033543-31-6	Fluoranthene, 2-methyl-	72.4	J			20.239	
003442-78-2	Pyrene, 2-methyl-	48.4	J			20.292	
000203-12-3	Benzo[ghi]fluoranthene	60.7	J			21.11	
000192-97-2	Benzo[e]pyrene	300	J			23.257	
000205-82-3	Benzo[j]fluoranthene	890	J			23.598	
	unknown23.863	420	J			23.863	

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1D	SDG No.:	BP021924
Lab Sample ID:	P1505-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.08	Units:	g
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
BP019773.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	50.6	U	50.6	180	220	ug/Kg
110-86-1	Pyridine	47.4	U	47.4	85.1	110	ug/Kg
100-52-7	Benzaldehyde	96.9	U	96.9	180	220	ug/Kg
62-53-3	Aniline	76.6	U	76.6	85.1	110	ug/Kg
108-95-2	Phenol	48.7	U	48.7	85.1	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	58.8	U	58.8	85.1	110	ug/Kg
95-57-8	2-Chlorophenol	47.1	U	47.1	85.1	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	53.5	U	53.5	85.1	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	57.9	U	57.9	85.1	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	53.9	U	53.9	85.1	110	ug/Kg
100-51-6	Benzyl Alcohol	64.7	U	64.7	180	220	ug/Kg
95-48-7	2-Methylphenol	74.6	U	74.6	85.1	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	68.7	U	68.7	85.1	110	ug/Kg
98-86-2	Acetophenone	56.8	U	56.8	85.1	110	ug/Kg
65794-96-9	3+4-Methylphenols	70.7	U	70.7	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	38.6	U	38.6	52.4	52.4	ug/Kg
67-72-1	Hexachloroethane	48.2	U	48.2	85.1	110	ug/Kg
98-95-3	Nitrobenzene	49.2	U	49.2	85.1	110	ug/Kg
78-59-1	Isophorone	44.6	U	44.6	85.1	110	ug/Kg
88-75-5	2-Nitrophenol	62.3	U	62.3	85.1	110	ug/Kg
105-67-9	2,4-Dimethylphenol	65.2	U	65.2	85.1	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	73.3	U	73.3	85.1	110	ug/Kg
120-83-2	2,4-Dichlorophenol	51.1	U	51.1	85.1	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	50.7	U	50.7	85.1	110	ug/Kg
65-85-0	Benzoic acid	140	U	140	180	220	ug/Kg
91-20-3	Naphthalene	53.3	U	53.3	85.1	110	ug/Kg
106-47-8	4-Chloroaniline	68.7	U	68.7	85.1	110	ug/Kg
87-68-3	Hexachlorobutadiene	55	U	55	85.1	110	ug/Kg
105-60-2	Caprolactam	76.6	U	76.6	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	54	U	54	85.1	110	ug/Kg
91-57-6	2-Methylnaphthalene	62.1	U	62.1	85.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1D	SDG No.:	BP021924
Lab Sample ID:	P1505-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.08	Units:	g
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
BP019773.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	140	U	140	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	50.5	U	50.5	85.1	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	57.5	U	57.5	85.1	110	ug/Kg
92-52-4	1,1-Biphenyl	59.8	U	59.8	85.1	110	ug/Kg
91-58-7	2-Chloronaphthalene	55.4	U	55.4	85.1	110	ug/Kg
88-74-4	2-Nitroaniline	65	U	65	85.1	110	ug/Kg
131-11-3	Dimethylphthalate	58.2	U	58.2	85.1	110	ug/Kg
208-96-8	Acenaphthylene	57.9	U	57.9	85.1	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	58.9	U	58.9	85.1	110	ug/Kg
99-09-2	3-Nitroaniline	61.1	U	61.1	85.1	110	ug/Kg
83-32-9	Acenaphthene	52.6	U	52.6	85.1	110	ug/Kg
Total PAH	Total PAH	1950	U	941	85.1	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	120	U	120	180	220	ug/Kg
100-02-7	4-Nitrophenol	74.6	U	74.6	180	220	ug/Kg
132-64-9	Dibenzofuran	50.3	U	50.3	85.1	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	24.3	U	124.3	85.1	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	65.4	U	65.4	85.1	110	ug/Kg
84-66-2	Diethylphthalate	56.2	U	56.2	85.1	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	59.2	U	59.2	85.1	110	ug/Kg
86-73-7	Fluorene	55.5	U	55.5	85.1	110	ug/Kg
100-01-6	4-Nitroaniline	68.1	U	68.1	85.1	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	57.5	U	57.5	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	61.1	U	61.1	85.1	110	ug/Kg
103-33-3	Azobenzene	48.1	U	48.1	85.1	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	63.8	U	63.8	85.1	110	ug/Kg
118-74-1	Hexachlorobenzene	64.7	U	64.7	85.1	110	ug/Kg
1912-24-9	Atrazine	62.5	U	62.5	85.1	110	ug/Kg
87-86-5	Pentachlorophenol	72.7	U	72.7	180	220	ug/Kg
85-01-8	Phenanthrene	160		60.7	85.1	110	ug/Kg
120-12-7	Anthracene	66.8	U	66.8	85.1	110	ug/Kg
86-74-8	Carbazole	55.6	U	55.6	85.1	110	ug/Kg
84-74-2	Di-n-butylphthalate	68.1	U	68.1	85.1	110	ug/Kg
206-44-0	Fluoranthene	310		61.8	85.1	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1D	SDG No.:	BP021924
Lab Sample ID:	P1505-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.08	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
BP019773.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	130	U	130	180	220	ug/Kg
129-00-0	Pyrene	270		54.8	85.1	110	ug/Kg
85-68-7	Butylbenzylphthalate	67.4	U	67.4	85.1	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	110	U	110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	200		54.9	85.1	110	ug/Kg
218-01-9	Chrysene	180		56.8	85.1	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	210		75.3	85.1	110	ug/Kg
117-84-0	Di-n-octyl phthalate	80.5	U	80.5	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	260		52.6	85.1	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	120		57.7	85.1	110	ug/Kg
50-32-8	Benzo(a)pyrene	210		61.7	85.1	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	110		70.1	85.1	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	63.2	U	63.2	85.1	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	130		60.6	85.1	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	58.5	U	58.5	85.1	110	ug/Kg
123-91-1	1,4-Dioxane	76.6	U	76.6	85.1	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	54.3	U	54.3	85.1	110	ug/Kg
90-12-0	1-Methylnaphthalene	59.1	U	59.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	118.004		18-112		79	SPK: -150
13127-88-3	Phenol-d6	112.943		15-107		75	SPK: -150
4165-60-0	Nitrobenzene-d5	73.742		18-107		74	SPK: -100
321-60-8	2-Fluorobiphenyl	71.428		20-109		71	SPK: -100
118-79-6	2,4,6-Tribromophenol	159.283		10-110		106	SPK: -150
1718-51-0	Terphenyl-d14	76.742		14-112		77	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	60498	7.899				
1146-65-2	Naphthalene-d8	229034	10.699				
15067-26-2	Acenaphthene-d10	159808	14.534				
1517-22-2	Phenanthrene-d10	391503	17.292				
1719-03-5	Chrysene-d12	403443	21.386				
1520-96-3	Perylene-d12	465671	23.81				



Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1D	SDG No.:	BP021924
Lab Sample ID:	P1505-05	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.08	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
BP019773.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TENTATIVE IDENTIFIED COMPOUNDS							
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	200	A			5.017	
000057-10-3	n-Hexadecanoic acid	270	J			18.186	
083469-43-6	6H-Cyclobuta[jk]phenanthrene	56.1	J			18.345	
000057-11-4	Octadecanoic acid	59.6	J			19.422	
1000283-04-1	Pentafluoropropionic acid, 4-hexad	77.5	J			21.11	

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1DMS	SDG No.:	BP021924
Lab Sample ID:	P1505-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.03	Units:	g
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
BP019774.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	810		50.7	180	220	ug/Kg
110-86-1	Pyridine	640		47.4	85.2	110	ug/Kg
100-52-7	Benzaldehyde	220		97	180	220	ug/Kg
62-53-3	Aniline	720		76.7	85.2	110	ug/Kg
108-95-2	Phenol	970		48.8	85.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	900		58.8	85.2	110	ug/Kg
95-57-8	2-Chlorophenol	1000		47.2	85.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	910		53.5	85.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	900		58	85.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	910		54	85.2	110	ug/Kg
100-51-6	Benzyl Alcohol	960		64.7	180	220	ug/Kg
95-48-7	2-Methylphenol	960		74.7	85.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	890		68.8	85.2	110	ug/Kg
98-86-2	Acetophenone	900		56.8	85.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	960		70.8	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	870		38.7	52.4	52.4	ug/Kg
67-72-1	Hexachloroethane	840		48.2	85.2	110	ug/Kg
98-95-3	Nitrobenzene	850		49.3	85.2	110	ug/Kg
78-59-1	Isophorone	890		44.6	85.2	110	ug/Kg
88-75-5	2-Nitrophenol	1000		62.3	85.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1100		65.3	85.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	890		73.4	85.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1000		51.2	85.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	960		50.8	85.2	110	ug/Kg
65-85-0	Benzoic acid	1100		140	180	220	ug/Kg
91-20-3	Naphthalene	920		53.3	85.2	110	ug/Kg
106-47-8	4-Chloroaniline	660		68.8	85.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	950		55	85.2	110	ug/Kg
105-60-2	Caprolactam	1100		76.7	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1000		54.1	85.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	950		62.2	85.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1DMS	SDG No.:	BP021924
Lab Sample ID:	P1505-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.03 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
BP019774.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	640		140	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		50.5	85.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		57.6	85.2	110	ug/Kg
92-52-4	1,1-Biphenyl	930		59.8	85.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	920		55.4	85.2	110	ug/Kg
88-74-4	2-Nitroaniline	1000		65.1	85.2	110	ug/Kg
131-11-3	Dimethylphthalate	980		58.3	85.2	110	ug/Kg
208-96-8	Acenaphthylene	1100		57.9	85.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	980		59	85.2	110	ug/Kg
99-09-2	3-Nitroaniline	940		61.2	85.2	110	ug/Kg
83-32-9	Acenaphthene	960		52.6	85.2	110	ug/Kg
Total PAH	Total PAH	17430		941.7	85.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	820		120	180	220	ug/Kg
100-02-7	4-Nitrophenol	2100	E	74.7	180	220	ug/Kg
132-64-9	Dibenzofuran	1000		50.4	85.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2080		124.5	85.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		65.5	85.2	110	ug/Kg
84-66-2	Diethylphthalate	1000		56.3	85.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1000		59.2	85.2	110	ug/Kg
86-73-7	Fluorene	1000		55.6	85.2	110	ug/Kg
100-01-6	4-Nitroaniline	980		68.2	85.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	430		57.5	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	950		61.1	85.2	110	ug/Kg
103-33-3	Azobenzene	960		48.2	85.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		63.8	85.2	110	ug/Kg
118-74-1	Hexachlorobenzene	1000		64.7	85.2	110	ug/Kg
1912-24-9	Atrazine	1200		62.5	85.2	110	ug/Kg
87-86-5	Pentachlorophenol	2200	E	72.7	180	220	ug/Kg
85-01-8	Phenanthrene	1100		60.8	85.2	110	ug/Kg
120-12-7	Anthracene	1100		66.8	85.2	110	ug/Kg
86-74-8	Carbazole	960		55.6	85.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	970		68.2	85.2	110	ug/Kg
206-44-0	Fluoranthene	1300		61.9	85.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1DMS	SDG No.:	BP021924
Lab Sample ID:	P1505-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.03	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
BP019774.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	670		130	180	220	ug/Kg
129-00-0	Pyrene	1200		54.9	85.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	970		67.5	85.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	870		110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1200		55	85.2	110	ug/Kg
218-01-9	Chrysene	1100		56.9	85.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		75.4	85.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	900		80.6	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1200		52.6	85.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		57.7	85.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	1200		61.8	85.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1000		70.1	85.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	960		63.2	85.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	990		60.6	85.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1000		58.6	85.2	110	ug/Kg
123-91-1	1,4-Dioxane	650		76.7	85.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		54.3	85.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	930		59.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	92.469		18-112		62	SPK: -150
13127-88-3	Phenol-d6	91.154		15-107		61	SPK: -150
4165-60-0	Nitrobenzene-d5	58.107		18-107		58	SPK: -100
321-60-8	2-Fluorobiphenyl	58.573		20-109		59	SPK: -100
118-79-6	2,4,6-Tribromophenol	119.899		10-110		80	SPK: -150
1718-51-0	Terphenyl-d14	60.057		14-112		60	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	81703	7.899				
1146-65-2	Naphthalene-d8	316475	10.704				
15067-26-2	Acenaphthene-d10	211447	14.534				
1517-22-2	Phenanthrene-d10	480980	17.292				
1719-03-5	Chrysene-d12	451213	21.392				
1520-96-3	Perylene-d12	516145	23.81				



Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1DMS	SDG No.:	BP021924
Lab Sample ID:	P1505-05MS	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.03	Units:	g
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
BP019774.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

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

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1DMSD	SDG No.:	BP021924
Lab Sample ID:	P1505-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.01	Units:	g
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
BP019775.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
62-75-9	n-Nitrosodimethylamine	880		50.7	180	220	ug/Kg
110-86-1	Pyridine	670		47.5	85.2	110	ug/Kg
100-52-7	Benzaldehyde	230		97	180	220	ug/Kg
62-53-3	Aniline	780		76.7	85.2	110	ug/Kg
108-95-2	Phenol	1000		48.8	85.2	110	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	940		58.9	85.2	110	ug/Kg
95-57-8	2-Chlorophenol	1000		47.2	85.2	110	ug/Kg
95-50-1	1,2-Dichlorobenzene	940		53.6	85.2	110	ug/Kg
541-73-1	1,3-Dichlorobenzene	920		58	85.2	110	ug/Kg
106-46-7	1,4-Dichlorobenzene	950		54	85.2	110	ug/Kg
100-51-6	Benzyl Alcohol	1000		64.8	180	220	ug/Kg
95-48-7	2-Methylphenol	1000		74.7	85.2	110	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	910		68.8	85.2	110	ug/Kg
98-86-2	Acetophenone	950		56.8	85.2	110	ug/Kg
65794-96-9	3+4-Methylphenols	990		70.8	180	220	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	900		38.7	52.4	52.4	ug/Kg
67-72-1	Hexachloroethane	810		48.3	85.2	110	ug/Kg
98-95-3	Nitrobenzene	910		49.3	85.2	110	ug/Kg
78-59-1	Isophorone	940		44.6	85.2	110	ug/Kg
88-75-5	2-Nitrophenol	1000		62.3	85.2	110	ug/Kg
105-67-9	2,4-Dimethylphenol	1200		65.3	85.2	110	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	930		73.4	85.2	110	ug/Kg
120-83-2	2,4-Dichlorophenol	1100		51.2	85.2	110	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	1000		50.8	85.2	110	ug/Kg
65-85-0	Benzoic acid	1200		140	180	220	ug/Kg
91-20-3	Naphthalene	970		53.4	85.2	110	ug/Kg
106-47-8	4-Chloroaniline	720		68.8	85.2	110	ug/Kg
87-68-3	Hexachlorobutadiene	980		55.1	85.2	110	ug/Kg
105-60-2	Caprolactam	1100		76.7	180	220	ug/Kg
59-50-7	4-Chloro-3-methylphenol	1100		54.1	85.2	110	ug/Kg
91-57-6	2-Methylnaphthalene	1000		62.2	85.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1DMSD	SDG No.:	BP021924
Lab Sample ID:	P1505-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.01 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
BP019775.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
77-47-4	Hexachlorocyclopentadiene	630		140	180	220	ug/Kg
88-06-2	2,4,6-Trichlorophenol	1100		50.5	85.2	110	ug/Kg
95-95-4	2,4,5-Trichlorophenol	1100		57.6	85.2	110	ug/Kg
92-52-4	1,1-Biphenyl	970		59.9	85.2	110	ug/Kg
91-58-7	2-Chloronaphthalene	960		55.5	85.2	110	ug/Kg
88-74-4	2-Nitroaniline	1100		65.1	85.2	110	ug/Kg
131-11-3	Dimethylphthalate	1000		58.3	85.2	110	ug/Kg
208-96-8	Acenaphthylene	1100		58	85.2	110	ug/Kg
606-20-2	2,6-Dinitrotoluene	1000		59	85.2	110	ug/Kg
99-09-2	3-Nitroaniline	1000		61.2	85.2	110	ug/Kg
83-32-9	Acenaphthene	1000		52.6	85.2	110	ug/Kg
Total PAH	Total PAH	18170		942.2	85.2	1760	ug/Kg
51-28-5	2,4-Dinitrophenol	770		120	180	220	ug/Kg
100-02-7	4-Nitrophenol	2300	E	74.7	180	220	ug/Kg
132-64-9	Dibenzofuran	1000		50.4	85.2	110	ug/Kg
25321-14-6	2,4-Dinitrotoluene/2,6-Dinitrotoluene (mixture)	2100		124.5	85.2	220	ug/Kg
121-14-2	2,4-Dinitrotoluene	1100		65.5	85.2	110	ug/Kg
84-66-2	Diethylphthalate	1000		56.3	85.2	110	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	1100		59.3	85.2	110	ug/Kg
86-73-7	Fluorene	1100		55.6	85.2	110	ug/Kg
100-01-6	4-Nitroaniline	1100		68.2	85.2	110	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	390		57.6	180	220	ug/Kg
86-30-6	n-Nitrosodiphenylamine	990		61.2	85.2	110	ug/Kg
103-33-3	Azobenzene	990		48.2	85.2	110	ug/Kg
101-55-3	4-Bromophenyl-phenylether	1000		63.9	85.2	110	ug/Kg
118-74-1	Hexachlorobenzene	1000		64.8	85.2	110	ug/Kg
1912-24-9	Atrazine	1200		62.5	85.2	110	ug/Kg
87-86-5	Pentachlorophenol	2300	E	72.8	180	220	ug/Kg
85-01-8	Phenanthrene	1200		60.8	85.2	110	ug/Kg
120-12-7	Anthracene	1100		66.9	85.2	110	ug/Kg
86-74-8	Carbazole	1000		55.7	85.2	110	ug/Kg
84-74-2	Di-n-butylphthalate	1000		68.2	85.2	110	ug/Kg
206-44-0	Fluoranthene	1300		61.9	85.2	110	ug/Kg

Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1DMSD	SDG No.:	BP021924
Lab Sample ID:	P1505-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.01 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
BP019775.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
92-87-5	Benidine	770		130	180	220	ug/Kg
129-00-0	Pyrene	1300		54.9	85.2	110	ug/Kg
85-68-7	Butylbenzylphthalate	1000		67.5	85.2	110	ug/Kg
91-94-1	3,3-Dichlorobenzidine	930		110	180	220	ug/Kg
56-55-3	Benzo(a)anthracene	1200		55	85.2	110	ug/Kg
218-01-9	Chrysene	1200		56.9	85.2	110	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	1100		75.4	85.2	110	ug/Kg
117-84-0	Di-n-octyl phthalate	940		80.6	180	220	ug/Kg
205-99-2	Benzo(b)fluoranthene	1300		52.6	85.2	110	ug/Kg
207-08-9	Benzo(k)fluoranthene	1100		57.8	85.2	110	ug/Kg
50-32-8	Benzo(a)pyrene	1200		61.8	85.2	110	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1100		70.1	85.2	110	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1000		63.3	85.2	110	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1000		60.6	85.2	110	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1100		58.6	85.2	110	ug/Kg
123-91-1	1,4-Dioxane	680		76.7	85.2	110	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	1200		54.3	85.2	110	ug/Kg
90-12-0	1-Methylnaphthalene	980		59.1	110	110	ug/Kg
SURROGATES							
367-12-4	2-Fluorophenol	95.84		18-112		64	SPK: -150
13127-88-3	Phenol-d6	95.094		15-107		63	SPK: -150
4165-60-0	Nitrobenzene-d5	61.761		18-107		62	SPK: -100
321-60-8	2-Fluorobiphenyl	61.053		20-109		61	SPK: -100
118-79-6	2,4,6-Tribromophenol	126.285		10-110		84	SPK: -150
1718-51-0	Terphenyl-d14	62.799		14-112		63	SPK: -100
INTERNAL STANDARDS							
3855-82-1	1,4-Dichlorobenzene-d4	76268	7.899				
1146-65-2	Naphthalene-d8	287249	10.704				
15067-26-2	Acenaphthene-d10	193681	14.54				
1517-22-2	Phenanthrene-d10	440460	17.298				
1719-03-5	Chrysene-d12	415305	21.392				
1520-96-3	Perylene-d12	483464	23.815				



Report of Analysis

Client:		Date Collected:	2/15/2024 12:00:00 AM
Project:		Date Received:	2/15/2024 12:00:00 AM
Client Sample ID:	WC-1DMSD	SDG No.:	BP021924
Lab Sample ID:	P1505-05MSD	Matrix:	Solid
Analytical Method:	8270E	% Moisture:	8.5
Sample Wt/Vol:	50.01	Units:	g
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
BP019775.D	1	2/16/2024 12:00:00 AM	2/19/2024 12:00:00 AM	PB159072

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
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Hit Summary Sheet

SW-846

SDG No.: BP021924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
Client ID : A1163								
P1458-01	A1163	Water	4,4-(Hexafluoroisopropylidene)dij *	2.000	J			
P1458-01	A1163	Water	Cyclohexadecane *	3.700	J			
P1458-01	A1163	Water	Cyclopentaneacetic acid, 3-oxo-2- *	2.000	J			
P1458-01	A1163	Water	Dodecanoic acid *	2.600	J			
P1458-01	A1163	Water	n-Hexadecanoic acid *	48.600	J			
P1458-01	A1163	Water	Octadecanoic acid *	32.700	J			
P1458-01	A1163	Water	Pentadecanoic acid *	14.700	J			
P1458-01	A1163	Water	Phthalic acid, 2-ethylhexyl isohex *	2.300	J			
Total Tics :				108.60				
P1458-01	A1163	Water	Benzo(a)anthracene	4.100	J	1.5	5	ug/L
P1458-01	A1163	Water	Benzo(a)pyrene	2.900	J	2.7	5	ug/L
P1458-01	A1163	Water	Benzo(b)fluoranthene	4.900	J	1.5	5	ug/L
P1458-01	A1163	Water	Benzo(k)fluoranthene	4.700	J	1.9	5	ug/L
P1458-01	A1163	Water	Bis(2-ethylhexyl)phthalate	5.700		2.9	5	ug/L
P1458-01	A1163	Water	Butylbenzylphthalate	5.000		2.8	5	ug/L
P1458-01	A1163	Water	Carbazole	2.200	J	1.7	5	ug/L
P1458-01	A1163	Water	Chrysene	4.900	J	1.6	5	ug/L
P1458-01	A1163	Water	Di-n-butylphthalate	5.600		2.4	5	ug/L
P1458-01	A1163	Water	Di-n-octyl phthalate	4.100	J	3.1	10	ug/L
P1458-01	A1163	Water	Diethylphthalate	2.600	J	2.1	5	ug/L
Total Svoc :				46.70				
Total Concentration:				155.30				
Client ID : TP-2								
P1461-03	TP-2	water	Benzo(a)anthracene	38.300	J	14.5	50	ug/L
P1461-03	TP-2	water	Benzo(a)pyrene	33.900	J	27	50	ug/L
P1461-03	TP-2	water	Benzo(b)fluoranthene	52.000		15	50	ug/L
P1461-03	TP-2	water	Benzo(k)fluoranthene	52.600		18.7	50	ug/L
P1461-03	TP-2	water	Bis(2-ethylhexyl)phthalate	44.800	J	29.3	50	ug/L
P1461-03	TP-2	water	Butylbenzylphthalate	45.800	J	28	50	ug/L
P1461-03	TP-2	water	Chrysene	47.400	J	15.7	50	ug/L
P1461-03	TP-2	water	Di-n-butylphthalate	36.500	J	24	50	ug/L
P1461-03	TP-2	water	Di-n-octyl phthalate	44.800	J	31.3	100	ug/L
Total Svoc :				396.10				
Total Concentration:				396.10				
Client ID : TP-1								
P1461-06	TP-1	water	Benzo(b)fluoranthene	27.200	J	15	50	ug/L
P1461-06	TP-1	water	Benzo(k)fluoranthene	27.400	J	18.7	50	ug/L
P1461-06	TP-1	water	Chrysene	24.000	J	15.7	50	ug/L

Hit Summary Sheet SW-846

SDG No.: BP021924

Client:

Sample ID	Client ID		Parameter	Concentration	C	MDL	RDL	Units
			Total Svoc :			78.60		
			Total Concentration:			78.60		
Client ID : WC-1S								
P1505-01	WC-1S	Solid	1-Tetracosene	*	66.200	J		
P1505-01	WC-1S	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	200.000	A		
P1505-01	WC-1S	Solid	n-Hexadecanoic acid	*	260.000	J		
P1505-01	WC-1S	Solid	Octadecanoic acid	*	52.700	J		
			Total Tics :			578.90		
P1505-01	WC-1S	Solid	Benzo(a)anthracene		140.000		54.8	110 ug/Kg
P1505-01	WC-1S	Solid	Benzo(a)pyrene		130.000		61.6	110 ug/Kg
P1505-01	WC-1S	Solid	Benzo(b)fluoranthene		170.000		52.5	110 ug/Kg
P1505-01	WC-1S	Solid	Benzo(g,h,i)perylene		64.900	J	60.5	110 ug/Kg
P1505-01	WC-1S	Solid	Benzo(k)fluoranthene		90.200	J	57.6	110 ug/Kg
P1505-01	WC-1S	Solid	Chrysene		130.000		56.7	110 ug/Kg
P1505-01	WC-1S	Solid	Fluoranthene		240.000		61.7	110 ug/Kg
P1505-01	WC-1S	Solid	Phenanthrene		93.400	J	60.6	110 ug/Kg
P1505-01	WC-1S	Solid	Pyrene		190.000		54.7	110 ug/Kg
			Total Svoc :			1,248.50		
			Total Concentration:			1,827.40		
Client ID : WC-1S								
P1505-04	WC-1S	water	Benzo(b)fluoranthene		23.500	J	15	50 ug/L
P1505-04	WC-1S	water	Benzo(k)fluoranthene		31.600	J	18.7	50 ug/L
P1505-04	WC-1S	water	Chrysene		22.900	J	15.7	50 ug/L
			Total Svoc :			78.00		
			Total Concentration:			78.00		
Client ID : WC-1D								
P1505-05	WC-1D	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	200.000	A		
P1505-05	WC-1D	Solid	6H-Cyclobuta[jk]phenanthrene	*	56.100	J		
P1505-05	WC-1D	Solid	n-Hexadecanoic acid	*	270.000	J		
P1505-05	WC-1D	Solid	Octadecanoic acid	*	59.600	J		
P1505-05	WC-1D	Solid	Pentafluoropropionic acid, 4-hexa	*	77.500	J		
			Total Tics :			663.20		
P1505-05	WC-1D	Solid	Benzo(a)anthracene		200.000		54.9	110 ug/Kg
P1505-05	WC-1D	Solid	Benzo(a)pyrene		210.000		61.7	110 ug/Kg
P1505-05	WC-1D	Solid	Benzo(b)fluoranthene		260.000		52.6	110 ug/Kg
P1505-05	WC-1D	Solid	Benzo(g,h,i)perylene		130.000		60.6	110 ug/Kg
P1505-05	WC-1D	Solid	Benzo(k)fluoranthene		120.000		57.7	110 ug/Kg
P1505-05	WC-1D	Solid	Bis(2-ethylhexyl)phthalate		210.000		75.3	110 ug/Kg
P1505-05	WC-1D	Solid	Chrysene		180.000		56.8	110 ug/Kg
P1505-05	WC-1D	Solid	Fluoranthene		310.000		61.8	110 ug/Kg
P1505-05	WC-1D	Solid	Indeno(1,2,3-cd)pyrene		110.000		70.1	110 ug/Kg

Hit Summary Sheet SW-846

SDG No.: BP021924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1505-05	WC-1D	Solid	Phenanthrene	160.000		60.7	110	ug/Kg
P1505-05	WC-1D	Solid	Pyrene	270.000		54.8	110	ug/Kg
Total Svoc :				2,160.00				
Total Concentration:				2,823.20				
Client ID : WC-1D								
P1505-08	WC-1D	water	Benzo(b)fluoranthene	20.100	J	15	50	ug/L
P1505-08	WC-1D	water	Benzo(k)fluoranthene	24.300	J	18.7	50	ug/L
Total Svoc :				44.40				
Total Concentration:				44.40				
Client ID : WC-2S								
P1505-09	WC-2S	Solid	1-Nonadecene	*	110.000	J		
P1505-09	WC-2S	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	470.000	A		
P1505-09	WC-2S	Solid	3-Penten-2-one, 4-methyl-	*	71.200	A		
P1505-09	WC-2S	Solid	n-Hexadecanoic acid	*	190.000	J		
P1505-09	WC-2S	Solid	Octadecanoic acid	*	47.700	J		
Total Tics :				888.90				
P1505-09	WC-2S	Solid	Benzo(a)anthracene	72.100	J	55.3	110	ug/Kg
P1505-09	WC-2S	Solid	Benzo(a)pyrene	75.300	J	62.2	110	ug/Kg
P1505-09	WC-2S	Solid	Benzo(b)fluoranthene	110.000		52.9	110	ug/Kg
P1505-09	WC-2S	Solid	Benzo(k)fluoranthene	62.600	J	58.1	110	ug/Kg
P1505-09	WC-2S	Solid	Chrysene	80.700	J	57.2	110	ug/Kg
P1505-09	WC-2S	Solid	Fluoranthene	120.000		62.2	110	ug/Kg
P1505-09	WC-2S	Solid	Pyrene	110.000		55.2	110	ug/Kg
Total Svoc :				630.70				
Total Concentration:				1,519.60				
Client ID : WC-2D								
P1505-13	WC-2D	Solid	11H-Benzo[b]fluorene	*	83.800	J		
P1505-13	WC-2D	Solid	1H-Indene, 2-phenyl-	*	85.100	J		
P1505-13	WC-2D	Solid	2-Pentanone, 4-hydroxy-4-methyl	*	240.000	A		
P1505-13	WC-2D	Solid	4H-Cyclopenta[def]phenanthrene	*	310.000	J		
P1505-13	WC-2D	Solid	9,10-Dimethylanthracene	*	180.000	J		
P1505-13	WC-2D	Solid	Anthracene, 2-methyl-	*	78.400	J		
P1505-13	WC-2D	Solid	Benzo[e]pyrene	*	300.000	J		
P1505-13	WC-2D	Solid	Benzo[ghi]fluoranthene	*	60.700	J		
P1505-13	WC-2D	Solid	Benzo[j]fluoranthene	*	890.000	J		
P1505-13	WC-2D	Solid	Cyclopenta(def)phenanthrenone	*	210.000	J		
P1505-13	WC-2D	Solid	Fluoranthene, 2-methyl-	*	72.400	J		
P1505-13	WC-2D	Solid	Naphthalene, 2-phenyl-	*	110.000	J		
P1505-13	WC-2D	Solid	Phenanthrene, 1-methyl-	*	290.000	J		
P1505-13	WC-2D	Solid	Phenanthrene, 2,7-dimethyl-	*	57.100	J		
P1505-13	WC-2D	Solid	Phenanthrene, 2-methyl-	*	130.000	J		

Hit Summary Sheet SW-846

SDG No.: BP021924

Client:

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
P1505-13	WC-2D	Solid	Phenanthrene, 3,6-dimethyl-	*	47.300	J		
P1505-13	WC-2D	Solid	Pyrene, 1-methyl-	*	58.500	J		
P1505-13	WC-2D	Solid	Pyrene, 2-methyl-	*	48.400	J		
P1505-13	WC-2D	Solid	unknown19.110	*	65.400	J		
P1505-13	WC-2D	Solid	unknown23.863	*	420.000	J		
Total Tics :					3,737.10			
P1505-13	WC-2D	Solid	Acenaphthylene		190.000	59.4	110	ug/Kg
P1505-13	WC-2D	Solid	Anthracene		220.000	68.6	110	ug/Kg
P1505-13	WC-2D	Solid	Benzo(a)anthracene		1,500.000	56.4	110	ug/Kg
P1505-13	WC-2D	Solid	Benzo(a)pyrene		1,400.000	63.4	110	ug/Kg
P1505-13	WC-2D	Solid	Benzo(b)fluoranthene		1,800.000	54	110	ug/Kg
P1505-13	WC-2D	Solid	Benzo(g,h,i)perylene		640.000	62.2	110	ug/Kg
P1505-13	WC-2D	Solid	Benzo(k)fluoranthene		540.000	59.2	110	ug/Kg
P1505-13	WC-2D	Solid	Chrysene		980.000	58.3	110	ug/Kg
P1505-13	WC-2D	Solid	Dibenzo(a,h)anthracene		230.000	64.9	110	ug/Kg
P1505-13	WC-2D	Solid	Fluoranthene		2,500.000	E 63.5	110	ug/Kg
P1505-13	WC-2D	Solid	Indeno(1,2,3-cd)pyrene		640.000	71.9	110	ug/Kg
P1505-13	WC-2D	Solid	Phenanthrene		400.000	62.3	110	ug/Kg
P1505-13	WC-2D	Solid	Pyrene		1,800.000	56.3	110	ug/Kg
Total Svoc :					12,840.00			
Total Concentration:					16,577.10			



6C

SEMIVOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP013124

SAS No.: BP013124

SDG No.: BP013124

Instrument ID: _____

Calibration Date(s): 1/31/2024 : _____

Calibration Time(s): 14:16 _____

LAB FILE ID:		RRF2.5 = BP019492.D		RRF005 = BP019493.D		RRF010 = BP019494.D		
		RRF020 = BP019495.D		RRF040 = BP019496.D		RRF050 = BP019497.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
n-Nitrosodimethylamine		0.516	0.566	0.572	0.533	0.564	0.564	5.6
Pyridine		1.249	1.307	1.308	1.208	1.300	1.296	4.0
2-Fluorophenol		1.309	1.247	1.258	1.134	1.240	1.241	4.2
Benzaldehyde		1.223	1.176	1.092	1.331	1.205	1.173	10.2
Aniline		1.612	1.686	1.659	1.555	1.549	1.626	3.5
Phenol-d6		1.662	1.730	1.703	1.589	1.621	1.673	3.2
Phenol		1.662	1.724	1.685	1.584	1.628	1.667	2.9
bis(2-Chloroethyl)ether		1.324	1.345	1.330	1.250	1.243	1.297	3.3
2-Chlorophenol		1.274	1.305	1.290	1.200	1.256	1.274	3.0
1,2-Dichlorobenzene		1.596	1.573	1.550	1.428	1.505	1.528	3.6
1,3-Dichlorobenzene		1.632	1.572	1.586	1.447	1.538	1.559	3.7
1,4-Dichlorobenzene		1.601	1.637	1.617	1.458	1.575	1.579	3.7
Benzyl Alcohol		1.272	1.401	1.364	1.309	1.282	1.337	4.0
2-Methylphenol		1.087	1.179	1.149	1.096	1.069	1.123	3.8
2,2-oxybis(1-Chloropropane)		1.298	1.380	1.346	1.276	1.230	1.297	4.4
Acetophenone		0.558	0.578	0.571	0.545	0.566	0.570	2.6
3+4-Methylphenols		1.484	1.643	1.547	1.476	1.459	1.532	4.4
n-Nitroso-di-n-propylamine	1.241	1.092	1.259	1.150	1.133	1.053	1.143	6.7
Nitrobenzene-d5		0.447	0.449	0.469	0.439	0.464	0.462	3.6
Hexachloroethane		0.634	0.607	0.636	0.580	0.607	0.612	3.2
Nitrobenzene		0.455	0.461	0.466	0.441	0.466	0.465	3.1
Isophorone		0.790	0.857	0.803	0.782	0.805	0.804	3.1
2-Nitrophenol		0.154	0.165	0.174	0.174	0.187	0.177	8.2
2,4-Dimethylphenol		0.218	0.226	0.228	0.219	0.227	0.227	2.7
bis(2-Chloroethoxy)methane		0.451	0.472	0.453	0.445	0.454	0.455	2.1
2,4-Dichlorophenol		0.333	0.336	0.343	0.330	0.349	0.343	2.9
1,2,4-Trichlorobenzene		0.445	0.404	0.422	0.397	0.421	0.420	3.7
Benzoic acid		0.183	0.202	0.212	0.222	0.236	0.221	10.7
Naphthalene		1.116	1.116	1.092	1.038	1.095	1.097	2.6
4-Chloroaniline		0.389	0.425	0.407	0.391	0.413	0.406	3.1
Hexachlorobutadiene		0.316	0.298	0.314	0.297	0.318	0.311	3.1
Caprolactam		0.094	0.107	0.093	0.088	0.110	0.097	8.6
4-Chloro-3-methylphenol		0.360	0.404	0.367	0.358	0.386	0.373	4.4
2-Methylnaphthalene		0.754	0.809	0.756	0.730	0.756	0.759	3.3
Hexachlorocyclopentadiene		0.333	0.291	0.357	0.353	0.349	0.348	8.6
2,4,6-Trichlorophenol		0.450	0.446	0.467	0.453	0.465	0.467	4.3

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.: BP013124

SAS No.: BP013124

SDG No.: BP013124

Instrument ID:

Calibration Date(s): 1/31/2024

Calibration Time(s): 14:16

LAB FILE ID:		RRF2.5 = BP019492.D		RRF005 = BP019493.D		RRF010 = BP019494.D		
		RRF020 = BP019495.D		RRF040 = BP019496.D		RRF050 = BP019497.D		
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
2-Fluorobiphenyl		1.632	1.560	1.655	1.557	1.553	1.618	3.7
2,4,5-Trichlorophenol		0.480	0.499	0.513	0.495	0.519	0.513	4.6
1,1-Biphenyl		1.612	1.549	1.623	1.539	1.533	1.596	3.5
2-Chloronaphthalene		1.338	1.277	1.327	1.249	1.260	1.310	3.6
2-Nitroaniline		0.330	0.345	0.363	0.349	0.387	0.366	7.4
Dimethylphthalate		1.579	1.553	1.513	1.415	1.598	1.531	3.9
Acenaphthylene		1.840	1.838	1.848	1.734	1.830	1.838	2.9
2,6-Dinitrotoluene		0.308	0.338	0.332	0.317	0.358	0.336	5.6
3-Nitroaniline		0.281	0.313	0.307	0.278	0.340	0.309	7.6
Acenaphthene		1.151	1.142	1.140	1.082	1.134	1.141	2.6
2,4-Dinitrophenol			0.147	0.155	0.158	0.201	0.175	14.1
4-Nitrophenol		0.241	0.248	0.242	0.218	0.291	0.253	10.1
Dibenzofuran		1.874	1.881	1.869	1.730	1.878	1.858	3.1
2,4-Dinitrotoluene		0.378	0.433	0.428	0.407	0.506	0.441	10.0
Diethylphthalate		1.604	1.533	1.487	1.366	1.677	1.523	6.5
4-Chlorophenyl-phenylether		0.852	0.834	0.828	0.775	0.862	0.832	3.3
Fluorene		1.520	1.476	1.469	1.365	1.541	1.480	3.8
4-Nitroaniline		0.320	0.323	0.304	0.276	0.375	0.324	10.3
4,6-Dinitro-2-methylphenol		0.090	0.096	0.107	0.115	0.126	0.114	14.8
n-Nitrosodiphenylamine		0.574	0.597	0.603	0.604	0.572	0.599	3.9
Azobenzene		1.497	1.511	1.464	1.351	1.557	1.473	4.3
2,4,6-Tribromophenol		0.281	0.283	0.282	0.269	0.328	0.292	6.9
4-Bromophenyl-phenylether		0.237	0.245	0.254	0.256	0.243	0.250	4.3
Hexachlorobenzene		0.287	0.291	0.294	0.289	0.280	0.292	3.3
Atrazine		0.229	0.213	0.206	0.191	0.201	0.199	10.1
Pentachlorophenol		0.160	0.170	0.177	0.180	0.196	0.182	7.7
Phenanthrene		1.054	1.055	1.051	0.992	1.053	1.053	2.9
Anthracene		1.044	1.051	1.046	1.001	1.057	1.050	2.5
Carbazole		0.988	0.944	0.945	0.852	0.994	0.954	5.3
Di-n-butylphthalate		1.235	1.066	1.139	1.068	1.279	1.153	6.9
Fluoranthene		1.395	1.191	1.267	1.116	1.406	1.286	8.8
Benzidine		0.391	0.697	0.250	0.378	0.460	0.418	33.1
Pyrene		1.302	1.617	1.354	1.396	1.368	1.412	8.0
Terphenyl-d14		1.146	1.343	1.164	1.214	1.209	1.216	6.2
Butylbenzylphthalate		0.508	0.517	0.524	0.525	0.562	0.527	3.6
3,3-Dichlorobenzidine		0.519	0.488	0.521	0.494	0.524	0.513	3.3

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.: BP013124SAS No.: BP013124SDG No.: BP013124

Instrument ID: _____

Calibration Date(s): 1/31/2024 : _____Calibration Time(s): 14:16 : _____

LAB FILE ID:		RRF2.5 = BP019492.D			RRF005 = BP019493.D		RRF010 = BP019494.D	
		RRF020 = BP019495.D			RRF040 = BP019496.D		RRF050 = BP019497.D	
COMPOUND	RRF2.5	RRF005	RRF010	RRF020	RRF040	RRF050	RRF	% RSD
Benzo(a)anthracene		1.416	1.401	1.413	1.341	1.416	1.408	2.3
Chrysene		1.336	1.325	1.348	1.271	1.333	1.337	2.6
Bis(2-ethylhexyl)phthalate		0.859	0.743	0.833	0.798	0.861	0.803	6.1
Di-n-octyl phthalate		1.480	1.234	1.502	1.419	1.492	1.412	6.6
Benzo(b)fluoranthene		1.291	1.201	1.236	1.227	1.284	1.261	3.1
Benzo(k)fluoranthene		1.196	1.204	1.218	1.131	1.243	1.204	3.1
Benzo(a)pyrene		1.105	1.105	1.111	1.074	1.140	1.122	2.8
Indeno(1,2,3-cd)pyrene		1.479	1.568	1.515	1.479	1.479	1.531	4.0
Dibenzo(a,h)anthracene		1.212	1.287	1.242	1.226	1.221	1.259	3.9
Benzo(g,h,i)perylene		1.223	1.346	1.262	1.239	1.213	1.277	4.9
1,2,4,5-Tetrachlorobenzene		0.783	0.724	0.780	0.735	0.742	0.771	5.0
1,4-Dioxane		0.522	0.477	0.493	0.420	0.493	0.478	6.5
2,3,4,6-Tetrachlorophenol		0.419	0.421	0.428	0.401	0.468	0.431	5.2
1-Methylnaphthalene		0.754	0.780	0.746	0.718	0.744	0.746	2.6

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.: BP021924 SAS No.: BP021924 SDG NO.: BP021924EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 19 2024 12:00AMLab File ID: BP019496.D Time Analyzed: 12:50Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	111500	7.916	434544	10.72	271443	14.55
	UPPER LIMIT	223000	8.416	869088	11.216	542886	15.051
	LOWER LIMIT	55750	7.416	217272	10.216	135721.5	14.051
	EPA SAMPLE NO.						
01	PB159072BL	73764	7.90	259054	10.70	168567	14.53
02	PB159072BS	71614	7.90	273784	10.70	184671	14.53
03	PB159068BL	74098	7.90	260739	10.70	164085	14.53
04	PB159068BS	68284	7.90	252527	10.70	168830	14.53
05	A1163	75024	7.90	280151	10.70	189228	14.53
06	TP-2	63434	7.90	232492	10.70	156707	14.53
07	TP-2MS	56827	7.90	213858 *	10.70	145842	14.53
08	TP-2MSD	57912	7.90	212866 *	10.70	142897	14.53
09	TP-1	58866	7.90	208653 *	10.70	145032	14.53
10	WC-1S	47588 *	7.90	167547 *	10.70	108381 *	14.53
11	WC-1D	52167 *	7.90	193191 *	10.70	134083 *	14.53
12	WC-1S	56291	7.90	210573 *	10.70	142548	14.53
13	WC-2S	81948	7.90	309554	10.70	208293	14.53
14	WC-2D	78443	7.90	303906	10.70	204099	14.53
15	WC-1D	60498	7.90	229034	10.70	159808	14.53
16	WC-1DMS	81703	7.90	316475	10.70	211447	14.53
17	WC-1DMSD	76268	7.90	287249	10.70	193681	14.54

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP021924 SAS No.: BP021924 SDG NO.: BP021924

EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 19 2024 12:00AM

Lab File ID: BP019496.D Time Analyzed: 21:59

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	111500	7.916	434544	10.72	271443	14.55
UPPER LIMIT	223000	8.416	869088	11.216	542886	15.051
LOWER LIMIT	55750	7.416	217272	10.216	135721.5	14.051
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.: BP021924 SAS No.: BP021924 SDG NO.: BP021924EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 19 2024 12:00AMLab File ID: BP019758.D Time Analyzed: 12:50Instrument ID: BNA_P GC Column: ZB-GR ID: 0.25 (mm)

		IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
	12 HOUR STD	69503	7.899	268658	10.70	190738	14.54
	UPPER LIMIT	139006	8.399	537316	11.198	381476	15.039
	LOWER LIMIT	34751.5	7.399	134329	10.198	95369	14.039
	EPA SAMPLE NO.						
01	PB159072BL	73764	7.90	259054	10.70	168567	14.53
02	PB159072BS	71614	7.90	273784	10.70	184671	14.53
03	PB159068BL	74098	7.90	260739	10.70	164085	14.53
04	PB159068BS	68284	7.90	252527	10.70	168830	14.53
05	A1163	75024	7.90	280151	10.70	189228	14.53
06	TP-2	63434	7.90	232492	10.70	156707	14.53
07	TP-2MS	56827	7.90	213858	10.70	145842	14.53
08	TP-2MSD	57912	7.90	212866	10.70	142897	14.53
09	TP-1	58866	7.90	208653	10.70	145032	14.53
10	WC-1S	47588	7.90	167547	10.70	108381	14.53
11	WC-1D	52167	7.90	193191	10.70	134083	14.53
12	WC-1S	56291	7.90	210573	10.70	142548	14.53
13	WC-2S	81948	7.90	309554	10.70	208293	14.53
14	WC-2D	78443	7.90	303906	10.70	204099	14.53
15	WC-1D	60498	7.90	229034	10.70	159808	14.53
16	WC-1DMS	81703	7.90	316475	10.70	211447	14.53
17	WC-1DMSD	76268	7.90	287249	10.70	193681	14.54

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP021924 SAS No.: BP021924 SDG NO.: BP021924

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 19 2024 12:00AM

Lab File ID: BP019758.D Time Analyzed: 21:59

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

	IS1 (DCB) AREA #	RT #	IS2 (NPT) AREA #	RT #	IS3 (ANT) AREA #	RT #
12 HOUR STD	69503	7.899	268658	10.70	190738	14.54
UPPER LIMIT	139006	8.399	537316	11.198	381476	15.039
LOWER LIMIT	34751.5	7.399	134329	10.198	95369	14.039
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.

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP021924 SAS No.: BP021924 SDG NO.: BP021924

EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 19 2024 12:00AM

Lab File ID: BP019496.D Time Analyzed: 12:50

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	502273	17.304	407972	21.392	504101	23.815
UPPER LIMIT	1004546	17.804	815944	21.892	1008202	24.315
LOWER LIMIT	251136.5	16.804	203986	20.892	252050.5	23.315
EPA SAMPLE NO.						
01 PB159072BL	423399	17.29	435602	21.39	491231	23.81
02 PB159072BS	436113	17.29	427285	21.39	481707	23.81
03 PB159068BL	404347	17.29	441486	21.39	499705	23.81
04 PB159068BS	395536	17.29	388252	21.39	443142	23.80
05 A1163	449138	17.29	496298	21.39	571474	23.80
06 TP-2	388605	17.29	426561	21.39	465442	23.80
07 TP-2MS	351551	17.29	381011	21.39	439364	23.80
08 TP-2MSD	341629	17.29	383533	21.39	460165	23.80
09 TP-1	370279	17.29	412121	21.39	449954	23.80
10 WC-1S	274481	17.29	332580	21.38	382285	23.80
11 WC-1D	339988	17.29	374409	21.38	401376	23.80
12 WC-1S	345059	17.29	358724	21.38	393542	23.80
13 WC-2S	474368	17.29	460784	21.38	516069	23.80
14 WC-2D	458623	17.29	454535	21.39	510924	23.81
15 WC-1D	391503	17.29	403443	21.39	465671	23.81
16 WC-1DMS	480980	17.29	451213	21.39	516145	23.81
17 WC-1DMSD	440460	17.30	415305	21.39	483464	23.82

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP021924 SAS No.: BP021924 SDG NO.: BP021924

EPA Sample No.: SSTDICCC040 Date Analyzed: Feb 19 2024 12:00AM

Lab File ID: BP019496.D Time Analyzed: 21:59

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	502273	17.304	407972	21.392	504101	23.815
UPPER LIMIT	1004546	17.804	815944	21.892	1008202	24.315
LOWER LIMIT	251136.5	16.804	203986	20.892	252050.5	23.315
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.: BP021924 SAS No.: BP021924 SDG NO.: BP021924

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 19 2024 12:00AM

Lab File ID: BP019758.D Time Analyzed: 12:50

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	448491	17.292	433436	21.392	488465	23.81
UPPER LIMIT	896982	17.792	866872	21.892	976930	24.31
LOWER LIMIT	224245.5	16.792	216718	20.892	244232.5	23.31
EPA SAMPLE NO.						
01 PB159072BL	423399	17.29	435602	21.39	491231	23.81
02 PB159072BS	436113	17.29	427285	21.39	481707	23.81
03 PB159068BL	404347	17.29	441486	21.39	499705	23.81
04 PB159068BS	395536	17.29	388252	21.39	443142	23.80
05 A1163	449138	17.29	496298	21.39	571474	23.80
06 TP-2	388605	17.29	426561	21.39	465442	23.80
07 TP-2MS	351551	17.29	381011	21.39	439364	23.80
08 TP-2MSD	341629	17.29	383533	21.39	460165	23.80
09 TP-1	370279	17.29	412121	21.39	449954	23.80
10 WC-1S	274481	17.29	332580	21.38	382285	23.80
11 WC-1D	339988	17.29	374409	21.38	401376	23.80
12 WC-1S	345059	17.29	358724	21.38	393542	23.80
13 WC-2S	474368	17.29	460784	21.38	516069	23.80
14 WC-2D	458623	17.29	454535	21.39	510924	23.81
15 WC-1D	391503	17.29	403443	21.39	465671	23.81
16 WC-1DMS	480980	17.29	451213	21.39	516145	23.81
17 WC-1DMSD	440460	17.30	415305	21.39	483464	23.82

SEMIVOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH

Lab Code: CHEM Case No.: BP021924 SAS No.: BP021924 SDG NO.: BP021924

EPA Sample No.: SSTDCCC040 Date Analyzed: Feb 19 2024 12:00AM

Lab File ID: BP019758.D Time Analyzed: 21:59

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

	IS4 (PHN) AREA #	RT #	IS5 (CRY) AREA #	RT #	IS6 (PRY) AREA #	RT #
12 HOUR STD	448491	17.292	433436	21.392	488465	23.81
UPPER LIMIT	896982	17.792	866872	21.892	976930	24.31
LOWER LIMIT	224245.5	16.792	216718	20.892	244232.5	23.31
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.: BP021924

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD		Limits		RPD
								Qual	Low	High		
PB159068BS	n-Nitrosodimethylamine	50	41.8	ug/L	84					55	108	
	Pyridine	50	31.2	ug/L	62					29	97	
	Benzaldehyde	50	0	ug/L	0		*			15	121	
	Aniline	50	23	ug/L	46					10	130	
	Phenol	50	43.1	ug/L	86					66	118	
	bis(2-Chloroethyl)ether	50	40.6	ug/L	81					62	103	
	2-Chlorophenol	50	44.7	ug/L	89					70	117	
	1,2-Dichlorobenzene	50	41.2	ug/L	82					72	102	
	1,3-Dichlorobenzene	50	41.1	ug/L	82					71	103	
	1,4-Dichlorobenzene	50	41.8	ug/L	84					76	103	
	Benzyl Alcohol	50	42.3	ug/L	85					36	93	
	2-Methylphenol	50	43.1	ug/L	86					69	109	
	2,2-oxybis(1-Chloropropane)	50	39.8	ug/L	80					52	103	
	Acetophenone	50	42.9	ug/L	86					60	104	
	3+4-Methylphenols	50	42.3	ug/L	85					67	106	
	N-Nitroso-di-n-propylamine	50	39.4	ug/L	79					57	107	
	Hexachloroethane	50	41	ug/L	82					76	118	
	Nitrobenzene	50	40.6	ug/L	81					58	106	
	Isophorone	50	41.9	ug/L	84					61	102	
	2-Nitrophenol	50	47.3	ug/L	95					70	115	
	2,4-Dimethylphenol	50	53.8	ug/L	108					67	130	
	bis(2-Chloroethoxy)methane	50	41.8	ug/L	84					58	109	
	2,4-Dichlorophenol	50	46.8	ug/L	94					66	115	
	1,2,4-Trichlorobenzene	50	43.1	ug/L	86					41	115	
	Benzoic acid	50	50.5	ug/L	101					10	125	
	Naphthalene	50	41.4	ug/L	83					64	107	
	4-Chloroaniline	50	10.4	ug/L	21					10	85	
	Hexachlorobutadiene	50	42.7	ug/L	85					69	101	
	Caprolactam	50	50.7	ug/L	101					58	128	
	4-Chloro-3-methylphenol	50	46.6	ug/L	93					65	114	
	2-Methylnaphthalene	50	42.6	ug/L	85					64	107	
	Hexachlorocyclopentadiene	100	120	ug/L	120					36	160	
	2,4,6-Trichlorophenol	50	46.9	ug/L	94					61	110	
	2,4,5-Trichlorophenol	50	46.3	ug/L	93					70	106	
	1,1-Biphenyl	50	42.8	ug/L	86					72	98	
	2-Chloronaphthalene	50	40.6	ug/L	81					59	106	
	2-Nitroaniline	50	45.3	ug/L	91					58	107	
	Dimethylphthalate	50	45.3	ug/L	91					64	103	
	Acenaphthylene	50	46.9	ug/L	94					65	108	
	2,6-Dinitrotoluene	50	45.7	ug/L	91					64	110	
	3-Nitroaniline	50	29.4	ug/L	59					28	100	
	Acenaphthene	50	42.6	ug/L	85					59	113	
	Total PAH	800	712.9	ug/L	89					59	113	
	2,4-Dinitrophenol	100	120	ug/L	120					64	132	
	4-Nitrophenol	100	98	ug/L	98					68	116	
	Dibenzofuran	50	44.6	ug/L	89					65	106	



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

SDG No.: BP021924

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Low	Limits	RPD
								Qual		High	
PB159068BS	2,4-Dinitrotoluene/2,6-Dinitrotoluene	100	95.2	ug/L	95				60	115	
	2,4-Dinitrotoluene	50	49.5	ug/L	99				60	115	
	Diethylphthalate	50	45.8	ug/L	92				63	105	
	4-Chlorophenyl-phenylether	50	45.9	ug/L	92				61	104	
	Fluorene	50	45.6	ug/L	91				64	107	
	4-Nitroaniline	50	45.3	ug/L	91				69	112	
	4,6-Dinitro-2-methylphenol	50	49.7	ug/L	99				62	132	
	N-Nitrosodiphenylamine	50	42.3	ug/L	85				61	109	
	Azobenzene	50	42.9	ug/L	86				59	106	
	4-Bromophenyl-phenylether	50	43.2	ug/L	86				73	103	
	Hexachlorobenzene	50	44.1	ug/L	88				73	106	
	Atrazine	50	53.5	ug/L	107				76	120	
	Pentachlorophenol	100	98.6	ug/L	99				47	114	
	Phenanthrene	50	44.3	ug/L	89				62	109	
	Anthracene	50	45	ug/L	90				65	110	
	Carbazole	50	44.4	ug/L	89				62	106	
	Di-n-butylphthalate	50	43.8	ug/L	88				64	106	
	Fluoranthene	50	45.8	ug/L	92				64	110	
	Benzidine	100	32.3	ug/L	32				10	94	
	Pyrene	50	44.1	ug/L	88				71	103	
	Butylbenzylphthalate	50	43.8	ug/L	88				61	105	
	3,3-Dichlorobenzidine	50	33.9	ug/L	68				43	108	
	Benzo(a)anthracene	50	45	ug/L	90				62	107	
	Chrysene	50	43.9	ug/L	88				61	108	
	bis(2-Ethylhexyl)phthalate	50	41.9	ug/L	84				59	110	
	Di-n-octyl phthalate	50	48.3	ug/L	97				67	126	
	Benzo(b)fluoranthene	50	44.6	ug/L	89				77	113	
	Benzo(k)fluoranthene	50	44.2	ug/L	88				64	113	
	Benzo(a)pyrene	50	44.6	ug/L	89				72	131	
	Indeno(1,2,3-cd)pyrene	50	45.1	ug/L	90				72	105	
	Dibenz(a,h)anthracene	50	46.3	ug/L	93				78	115	
	Benzo(g,h,i)perylene	50	43.5	ug/L	87				75	118	
	1,2,4,5-Tetrachlorobenzene	50	45.5	ug/L	91				72	101	
	1,4-Dioxane	50	33.3	ug/L	67				38	125	
	2,3,4,6-Tetrachlorophenol	50	53.4	ug/L	107				63	116	
	1-Methylnaphthalene	50	42	ug/L	84				51	114	



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

SDG No.: BP021924

Client: _____

Analytical Method: 8270E

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159072BS	n-Nitrosodimethylamine	1700	1500	ug/Kg	88				57	103	
	Pyridine	1700	1100	ug/Kg	65				28	98	
	Benzaldehyde	1700	0	ug/Kg	0		*		10	147	
	Aniline	1700	970	ug/Kg	57				38	100	
	Phenol	1700	1500	ug/Kg	88				62	112	
	bis(2-Chloroethyl)ether	1700	1500	ug/Kg	88				60	101	
	2-Chlorophenol	1700	1600	ug/Kg	94				65	112	
	1,2-Dichlorobenzene	1700	1500	ug/Kg	88				51	102	
	1,3-Dichlorobenzene	1700	1500	ug/Kg	88				52	99	
	1,4-Dichlorobenzene	1700	1500	ug/Kg	88				52	100	
	Benzyl Alcohol	1700	1500	ug/Kg	88				42	116	
	2-Methylphenol	1700	1500	ug/Kg	88				61	108	
	2,2-oxybis(1-Chloropropane)	1700	1400	ug/Kg	82				51	100	
	Acetophenone	1700	1400	ug/Kg	82				55	104	
	3+4-Methylphenols	1700	1500	ug/Kg	88				58	111	
	N-Nitroso-di-n-propylamine	1700	1400	ug/Kg	82				63	95	
	Hexachloroethane	1700	1400	ug/Kg	82				72	108	
	Nitrobenzene	1700	1400	ug/Kg	82				57	101	
	Isophorone	1700	1400	ug/Kg	82				59	99	
	2-Nitrophenol	1700	1700	ug/Kg	100				61	111	
	2,4-Dimethylphenol	1700	1800	ug/Kg	106				67	119	
	bis(2-Chloroethoxy)methane	1700	1400	ug/Kg	82				53	105	
	2,4-Dichlorophenol	1700	1600	ug/Kg	94				62	107	
	1,2,4-Trichlorobenzene	1700	1500	ug/Kg	88				44	110	
	Benzoic acid	1700	1800	ug/Kg	106				10	140	
	Naphthalene	1700	1400	ug/Kg	82				62	100	
	4-Chloroaniline	1700	530	ug/Kg	31				16	100	
	Hexachlorobutadiene	1700	1500	ug/Kg	88				53	98	
	Caprolactam	1700	1700	ug/Kg	100				67	110	
	4-Chloro-3-methylphenol	1700	1600	ug/Kg	94				58	112	
	2-Methylnaphthalene	1700	1500	ug/Kg	88				60	104	
	Hexachlorocyclopentadiene	3300	4100	ug/Kg	124				45	134	
	2,4,6-Trichlorophenol	1700	1600	ug/Kg	94				59	102	
	2,4,5-Trichlorophenol	1700	1600	ug/Kg	94				61	98	
	1,1-Biphenyl	1700	1400	ug/Kg	82				57	103	
	2-Chloronaphthalene	1700	1400	ug/Kg	82				58	99	
	2-Nitroaniline	1700	1500	ug/Kg	88				66	101	
	Dimethylphthalate	1700	1600	ug/Kg	94				61	99	
	Acenaphthylene	1700	1600	ug/Kg	94				63	101	
	2,6-Dinitrotoluene	1700	1600	ug/Kg	94				61	104	
	3-Nitroaniline	1700	1200	ug/Kg	71				28	100	
	Acenaphthene	1700	1500	ug/Kg	88				57	104	
	Total PAH	27200	24600	ug/Kg	90				57	104	
	2,4-Dinitrophenol	3300	4100	ug/Kg	124				37	128	
	4-Nitrophenol	3300	3400	ug/Kg	103				48	119	
	Dibenzofuran	1700	1500	ug/Kg	88				63	99	



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

SDG No.: BP021924

Client: _____

Analytical Method: **8270E**

DataFile: _____

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	RPD	Limits		RPD
								Qual	Low	High	
PB159072BS	2,4-Dinitrotoluene	1700	1700	ug/Kg	100				60	106	
	2,4-Dinitrotoluene/2,6-Dinitro	3400	3300	ug/Kg	97				60	106	
	Diethylphthalate	1700	1600	ug/Kg	94				60	101	
	4-Chlorophenyl-phenylether	1700	1600	ug/Kg	94				58	98	
	Fluorene	1700	1600	ug/Kg	94				61	101	
	4-Nitroaniline	1700	1600	ug/Kg	94				64	103	
	4,6-Dinitro-2-methylphenol	1700	1800	ug/Kg	106				76	113	
	N-Nitrosodiphenylamine	1700	1400	ug/Kg	82				56	107	
	Azobenzene	1700	1500	ug/Kg	88				54	103	
	4-Bromophenyl-phenylether	1700	1500	ug/Kg	88				55	99	
	Hexachlorobenzene	1700	1500	ug/Kg	88				64	98	
	Atrazine	1700	1700	ug/Kg	100				67	113	
	Pentachlorophenol	3300	3400	ug/Kg	103				67	105	
	Phenanthrene	1700	1500	ug/Kg	88				59	103	
	Anthracene	1700	1500	ug/Kg	88				61	105	
	Carbazole	1700	1500	ug/Kg	88				61	99	
	Di-n-butylphthalate	1700	1500	ug/Kg	88				58	104	
	Fluoranthene	1700	1600	ug/Kg	94				57	107	
	Benzidine	3300	3000	ug/Kg	91				10	98	
	Pyrene	1700	1500	ug/Kg	88				59	103	
	Butylbenzylphthalate	1700	1500	ug/Kg	88				55	103	
	3,3-Dichlorobenzidine	1700	1500	ug/Kg	88				42	91	
	Benzo(a)anthracene	1700	1500	ug/Kg	88				60	102	
	Chrysene	1700	1500	ug/Kg	88				59	101	
	bis(2-Ethylhexyl)phthalate	1700	1400	ug/Kg	82				63	111	
	Di-n-octyl phthalate	1700	1400	ug/Kg	82				70	108	
	Benzo(b)fluoranthene	1700	1500	ug/Kg	88				62	109	
	Benzo(k)fluoranthene	1700	1600	ug/Kg	94				62	109	
	Benzo(a)pyrene	1700	1600	ug/Kg	94				63	103	
	Indeno(1,2,3-cd)pyrene	1700	1600	ug/Kg	94				63	101	
	Dibenz(a,h)anthracene	1700	1600	ug/Kg	94				61	112	
	Benzo(g,h,i)perylene	1700	1500	ug/Kg	88				70	108	
	1,2,4,5-Tetrachlorobenzene	1700	1500	ug/Kg	88				53	101	
	1,4-Dioxane	1700	1200	ug/Kg	71				50	96	
	2,3,4,6-Tetrachlorophenol	1700	1900	ug/Kg	112		*		59	108	
	1-Methylnaphthalene	1700	1400	ug/Kg	82				70	130	



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

A1163

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP021924SAS No.: BP021924 SDG NO.: BP021924Lab File ID: BP019763.DLab Sample ID: P1458-01Instrument ID: BNA_PDate Extracted: 02/15/2024Matrix: (soil/water) WaterDate Analyzed: 02/19/2024Level: (low/med) LOWTime Analyzed: 15:13

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
A1163	P1458-01	BP019763.D	02/19/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159068BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP021924SAS No.: BP021924 SDG NO.: BP021924Lab File ID: BP019761.DLab Sample ID: PB159068BLInstrument ID: BNA_PDate Extracted: 02/16/2024Matrix: (soil/water) waterDate Analyzed: 02/19/2024Level: (low/med) LOWTime Analyzed: 13:57

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159068BS	PB159068BS	BP019762.D	02/19/2024
TP-2	P1461-03	BP019764.D	02/19/2024
TP-2MS	P1461-03MS	BP019765.D	02/19/2024
TP-2MSD	P1461-03MSD	BP019766.D	02/19/2024
TP-1	P1461-06	BP019767.D	02/19/2024
WC-1S	P1505-04	BP019768.D	02/19/2024
WC-1D	P1505-08	BP019769.D	02/19/2024

COMMENTS: _____



4B

SEMIVOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

PB159072BL

Lab Name: CHEMTECH

Contract: _____

Lab Code: CHEM Case No.: BP021924SAS No.: BP021924 SDG NO.: BP021924Lab File ID: BP019759.DLab Sample ID: PB159072BLInstrument ID: BNA_PDate Extracted: 02/16/2024Matrix: (soil/water) SolidDate Analyzed: 02/19/2024Level: (low/med) LOWTime Analyzed: 12:50

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

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
PB159072BS	PB159072BS	BP019760.D	02/19/2024
WC-1S	P1505-01	BP019770.D	02/19/2024
WC-2S	P1505-09	BP019771.D	02/19/2024
WC-2D	P1505-13	BP019772.D	02/19/2024
WC-1D	P1505-05	BP019773.D	02/19/2024
WC-1DMS	P1505-05MS	BP019774.D	02/19/2024
WC-1DMSD	P1505-05MSD	BP019775.D	02/19/2024

COMMENTS: _____

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP021924

Client: _____

Analytical Method: **8270E**

		Sample				Rec		RPD	Limits		
Parameter	Spike	Result	Result	Units	Rec	Qual	RPD	Qual	Low	High	RPD
Lab Sample ID:	P1461-03MS	Client Sample ID:	TP-2MS					DataFile:	BP019765.D		
n-Nitrosodimethylamine	500		440	ug/L	88				10	130	
Pyridine	500		320	ug/L	64				10	109	
Benzaldehyde	500		67.9	ug/L	14				10	137	
Aniline	500		340	ug/L	68				10	130	
Phenol	500		440	ug/L	88				10	130	
bis(2-Chloroethyl)ether	500		440	ug/L	88				29	141	
2-Chlorophenol	500		480	ug/L	96				23	127	
1,2-Dichlorobenzene	500		430	ug/L	86				61	114	
1,3-Dichlorobenzene	500		430	ug/L	86				65	106	
1,4-Dichlorobenzene	500		430	ug/L	86				55	125	
Benzyl Alcohol	500		500	ug/L	100	*			31	94	
2-Methylphenol	500		470	ug/L	94				23	132	
2,2-oxybis(1-Chloropropane)	500		430	ug/L	86				36	141	
Acetophenone	500		460	ug/L	92				31	164	
3+4-Methylphenols	500		470	ug/L	94				17	136	
N-Nitroso-di-n-propylamine	500		440	ug/L	88				36	147	
Hexachloroethane	500		420	ug/L	84				35	137	
Nitrobenzene	500		440	ug/L	88				40	134	
Isophorone	500		470	ug/L	94				39	146	
2-Nitrophenol	500		510	ug/L	102				30	148	
2,4-Dimethylphenol	500		560	ug/L	112				17	143	
bis(2-Chloroethoxy)methane	500		460	ug/L	92				39	143	
2,4-Dichlorophenol	500		520	ug/L	104				22	146	
1,2,4-Trichlorobenzene	500		450	ug/L	90				66	110	
Benzoic acid	500		530	ug/L	106	*			10	101	
Naphthalene	500		450	ug/L	90				17	157	
4-Chloroaniline	500		110	ug/L	22				10	95	
Hexachlorobutadiene	500		450	ug/L	90				52	125	
Caprolactam	500		520	ug/L	104				10	130	
4-Chloro-3-methylphenol	500		530	ug/L	106				17	148	
2-Methylnaphthalene	500		470	ug/L	94				38	146	
Hexachlorocyclopentadiene	1000		1200	ug/L	120				20	153	
2,4,6-Trichlorophenol	500		520	ug/L	104				46	139	
2,4,5-Trichlorophenol	500		540	ug/L	108				42	129	
1,1-Biphenyl	500		460	ug/L	92				38	154	
2-Chloronaphthalene	500		450	ug/L	90				41	145	
2-Nitroaniline	500		530	ug/L	106				39	151	
Dimethylphthalate	500		530	ug/L	106				42	147	
Acenaphthylene	500		520	ug/L	104				40	141	
2,6-Dinitrotoluene	500		530	ug/L	106				43	148	
3-Nitroaniline	500		410	ug/L	82				10	111	
Acenaphthene	500		480	ug/L	96				37	146	
Total PAH	8000	0	8190	ug/L	102				37	146	
2,4-Dinitrophenol	1000		1400	ug/L	140				14	167	
4-Nitrophenol	1000		1100	ug/L	110				10	130	
Dibenzofuran	500		510	ug/L	102				41	145	
2,4-Dinitrotoluene	500		590	ug/L	118				40	151	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP021924

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		1120	ug/L	112				40	151	
Diethylphthalate	500		550	ug/L	110				41	148	
4-Chlorophenyl-phenylether	500		530	ug/L	106				38	149	
Fluorene	500		520	ug/L	104				39	144	
4-Nitroaniline	500		550	ug/L	110				27	138	
4,6-Dinitro-2-methylphenol	500		580	ug/L	116				32	175	
N-Nitrosodiphenylamine	500		470	ug/L	94				40	150	
Azobenzene	500		500	ug/L	100				72	112	
4-Bromophenyl-phenylether	500		490	ug/L	98				42	151	
Hexachlorobenzene	500		500	ug/L	100				60	129	
Atrazine	500		590	ug/L	118				20	162	
Pentachlorophenol	1000		1100	ug/L	110				15	137	
Phenanthrene	500		510	ug/L	102				40	147	
Anthracene	500		520	ug/L	104				41	146	
Carbazole	500		530	ug/L	106				37	154	
Di-n-butylphthalate	500	36.5	540	ug/L	101				40	151	
Fluoranthene	500		550	ug/L	110				42	146	
Benzidine	1000		310	ug/L	31				10	130	
Pyrene	500		480	ug/L	96				41	149	
Butylbenzylphthalate	500	45.8	520	ug/L	95				39	155	
3,3-Dichlorobenzidine	500		450	ug/L	90				10	114	
Benzo(a)anthracene	500	38.3	530	ug/L	98				41	147	
Chrysene	500	47.4	530	ug/L	97				44	144	
bis(2-Ethylhexyl)phthalate	500	44.8	490	ug/L	89				33	160	
Di-n-octyl phthalate	500	44.8	490	ug/L	89				36	158	
Benzo(b)fluoranthene	500	52	530	ug/L	96				40	150	
Benzo(k)fluoranthene	500	52.6	560	ug/L	101				40	147	
Benzo(a)pyrene	500	33.9	530	ug/L	99				42	147	
Indeno(1,2,3-cd)pyrene	500		500	ug/L	100				30	166	
Dibenz(a,h)anthracene	500		500	ug/L	100				23	172	
Benzo(g,h,i)perylene	500		480	ug/L	96				27	167	
1,2,4,5-Tetrachlorobenzene	500		480	ug/L	96				89	102	
1,4-Dioxane	500		340	ug/L	68				38	130	
2,3,4,6-Tetrachlorophenol	500		620	ug/L	124	*			91	111	
1-Methylnaphthalene	500		460	ug/L	92				25	151	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP021924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample	Result	Units	Rec	Rec	RPD	RPD	Low	Limits	
		Result				Qual		Qual		High	RPD
Lab Sample ID:	P1461-03MSD	Client Sample ID:	TP-2MSD				DataFile:	BP019766.D			
n-Nitrosodimethylamine	500		440	ug/L	88		0		10	130	20
Pyridine	500		320	ug/L	64		0		10	109	20
Benzaldehyde	500		62.1	ug/L	12		15		10	137	20
Aniline	500		310	ug/L	62		9		10	130	20
Phenol	500		420	ug/L	84		5		10	130	20
bis(2-Chloroethyl)ether	500		440	ug/L	88		0		29	141	20
2-Chlorophenol	500		480	ug/L	96		0		23	127	20
1,2-Dichlorobenzene	500		430	ug/L	86		0		61	114	20
1,3-Dichlorobenzene	500		430	ug/L	86		0		65	106	20
1,4-Dichlorobenzene	500		430	ug/L	86		0		55	125	20
Benzyl Alcohol	500		480	ug/L	96	*	4		31	94	20
2-Methylphenol	500		460	ug/L	92		2		23	132	20
2,2-oxybis(1-Chloropropane)	500		420	ug/L	84		2		36	141	20
Acetophenone	500		460	ug/L	92		0		31	164	20
3+4-Methylphenols	500		450	ug/L	90		4		17	136	20
N-Nitroso-di-n-propylamine	500		440	ug/L	88		0		36	147	20
Hexachloroethane	500		420	ug/L	84		0		35	137	20
Nitrobenzene	500		440	ug/L	88		0		40	134	20
Isophorone	500		470	ug/L	94		0		39	146	20
2-Nitrophenol	500		510	ug/L	102		0		30	148	20
2,4-Dimethylphenol	500		550	ug/L	110		2		17	143	20
bis(2-Chloroethoxy)methane	500		460	ug/L	92		0		39	143	20
2,4-Dichlorophenol	500		520	ug/L	104		0		22	146	20
1,2,4-Trichlorobenzene	500		460	ug/L	92		2		66	110	20
Benzoic acid	500		520	ug/L	104	*	2		10	101	20
Naphthalene	500		450	ug/L	90		0		17	157	20
4-Chloroaniline	500		100	ug/L	20		10		10	95	20
Hexachlorobutadiene	500		460	ug/L	92		2		52	125	20
Caprolactam	500		520	ug/L	104		0		10	130	20
4-Chloro-3-methylphenol	500		530	ug/L	106		0		17	148	20
2-Methylnaphthalene	500		470	ug/L	94		0		38	146	20
Hexachlorocyclopentadiene	1000		1100	ug/L	110		9		20	153	20
2,4,6-Trichlorophenol	500		520	ug/L	104		0		46	139	20
2,4,5-Trichlorophenol	500		520	ug/L	104		4		42	129	20
1,1-Biphenyl	500		470	ug/L	94		2		38	154	20
2-Chloronaphthalene	500		450	ug/L	90		0		41	145	20
2-Nitroaniline	500		530	ug/L	106		0		39	151	20
Dimethylphthalate	500		530	ug/L	106		0		42	147	20
Acenaphthylene	500		530	ug/L	106		2		40	141	20
2,6-Dinitrotoluene	500		520	ug/L	104		2		43	148	20
3-Nitroaniline	500		410	ug/L	82		0		10	111	20
Acenaphthene	500		470	ug/L	94		2		37	146	20
Total PAH	8000	0	8210	ug/L	103		1		37	146	20
2,4-Dinitrophenol	1000		1300	ug/L	130		7		14	167	20
4-Nitrophenol	1000		1100	ug/L	110		0		10	130	20
Dibenzofuran	500		510	ug/L	102		0		41	145	20
2,4-Dinitrotoluene	500		580	ug/L	116		2		40	151	20

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP021924

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		1100	ug/L	110		2		40	151	20
Diethylphthalate	500		540	ug/L	108		2		41	148	20
4-Chlorophenyl-phenylether	500		520	ug/L	104		2		38	149	20
Fluorene	500		520	ug/L	104		0		39	144	20
4-Nitroaniline	500		560	ug/L	112		2		27	138	20
4,6-Dinitro-2-methylphenol	500		590	ug/L	118		2		32	175	20
N-Nitrosodiphenylamine	500		470	ug/L	94		0		40	150	20
Azobenzene	500		490	ug/L	98		2		72	112	20
4-Bromophenyl-phenylether	500		490	ug/L	98		0		42	151	20
Hexachlorobenzene	500		500	ug/L	100		0		60	129	20
Atrazine	500		590	ug/L	118		0		20	162	20
Pentachlorophenol	1000		1200	ug/L	120		9		15	137	20
Phenanthrene	500		520	ug/L	104		2		40	147	20
Anthracene	500		520	ug/L	104		0		41	146	20
Carbazole	500		530	ug/L	106		0		37	154	20
Di-n-butylphthalate	500	36.5	530	ug/L	99		2		40	151	20
Fluoranthene	500		560	ug/L	112		2		42	146	20
Benzidine	1000		300	ug/L	30		3		10	130	20
Pyrene	500		470	ug/L	94		2		41	149	20
Butylbenzylphthalate	500	45.8	500	ug/L	91		4		39	155	20
3,3-Dichlorobenzidine	500		470	ug/L	94		4		10	114	20
Benzo(a)anthracene	500	38.3	530	ug/L	98		0		41	147	20
Chrysene	500	47.4	530	ug/L	97		0		44	144	20
bis(2-Ethylhexyl)phthalate	500	44.8	470	ug/L	85		5		33	160	20
Di-n-octyl phthalate	500	44.8	470	ug/L	85		5		36	158	20
Benzo(b)fluoranthene	500	52	530	ug/L	96		0		40	150	20
Benzo(k)fluoranthene	500	52.6	540	ug/L	97		4		40	147	20
Benzo(a)pyrene	500	33.9	540	ug/L	101		2		42	147	20
Indeno(1,2,3-cd)pyrene	500		510	ug/L	102		2		30	166	20
Dibenz(a,h)anthracene	500		510	ug/L	102		2		23	172	20
Benzo(g,h,i)perylene	500		480	ug/L	96		0		27	167	20
1,2,4,5-Tetrachlorobenzene	500		480	ug/L	96		0		89	102	20
1,4-Dioxane	500		350	ug/L	70		3		38	130	20
2,3,4,6-Tetrachlorophenol	500		620	ug/L	124	*	0		91	111	20
1-Methylnaphthalene	500		460	ug/L	92		0		25	151	20

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP021924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	High	RPD
Lab Sample ID:	P1505-05MS	Client Sample ID:	WC-1DMS					DataFile:	BP019774.D		
n-Nitrosodimethylamine	1100		810	ug/Kg	74				66	124	
Pyridine	1100		640	ug/Kg	58				45	119	
Benzaldehyde	1100		220	ug/Kg	20	*			26	163	
Aniline	1100		720	ug/Kg	65				10	88	
Phenol	1100		970	ug/Kg	88				67	126	
bis(2-Chloroethyl)ether	1100		900	ug/Kg	82				74	116	
2-Chlorophenol	1100		1000	ug/Kg	91				61	138	
1,2-Dichlorobenzene	1100		910	ug/Kg	83				61	105	
1,3-Dichlorobenzene	1100		900	ug/Kg	82				62	101	
1,4-Dichlorobenzene	1100		910	ug/Kg	83				63	104	
Benzyl Alcohol	1100		960	ug/Kg	87				47	126	
2-Methylphenol	1100		960	ug/Kg	87				66	122	
2,2-oxybis(1-Chloropropane)	1100		890	ug/Kg	81				52	115	
Acetophenone	1100		900	ug/Kg	82				75	111	
3+4-Methylphenols	1100		960	ug/Kg	87				53	132	
N-Nitroso-di-n-propylamine	1100		870	ug/Kg	79				59	119	
Hexachloroethane	1100		840	ug/Kg	76				65	117	
Nitrobenzene	1100		850	ug/Kg	77				70	119	
Isophorone	1100		890	ug/Kg	81				76	122	
2-Nitrophenol	1100		1000	ug/Kg	91				54	145	
2,4-Dimethylphenol	1100		1100	ug/Kg	100				83	144	
bis(2-Chloroethoxy)methane	1100		890	ug/Kg	81				68	112	
2,4-Dichlorophenol	1100		1000	ug/Kg	91				72	118	
1,2,4-Trichlorobenzene	1100		960	ug/Kg	87				57	103	
Benzoic acid	1100		1100	ug/Kg	100				50	104	
Naphthalene	1100		920	ug/Kg	84				72	110	
4-Chloroaniline	1100		660	ug/Kg	60				10	100	
Hexachlorobutadiene	1100		950	ug/Kg	86				66	114	
Caprolactam	1100		1100	ug/Kg	100				51	134	
4-Chloro-3-methylphenol	1100		1000	ug/Kg	91				57	132	
2-Methylnaphthalene	1100		950	ug/Kg	86				59	123	
Hexachlorocyclopentadiene	2200		640	ug/Kg	29				10	175	
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100				72	117	
1,1-Biphenyl	1100		930	ug/Kg	85				75	113	
2-Chloronaphthalene	1100		920	ug/Kg	84				67	118	
2-Nitroaniline	1100		1000	ug/Kg	91				69	127	
Dimethylphthalate	1100		980	ug/Kg	89				70	113	
Acenaphthylene	1100		1100	ug/Kg	100				79	118	
2,6-Dinitrotoluene	1100		980	ug/Kg	89				70	125	
3-Nitroaniline	1100		940	ug/Kg	85				20	111	
Acenaphthene	1100		960	ug/Kg	87				70	121	
Total PAH	17600		17430	ug/Kg	99				70	121	
2,4-Dinitrophenol	2200		820	ug/Kg	37				16	160	
4-Nitrophenol	2200		2100	ug/Kg	95				45	133	
Dibenzofuran	1100		1000	ug/Kg	91				72	110	
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2080	ug/Kg	95				55	128	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP021924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec		RPD		Limits	
						Qual	RPD	Qual	Low	High	RPD
2,4-Dinitrotoluene	1100		1100	ug/Kg	100				55	128	
Diethylphthalate	1100		1000	ug/Kg	91				70	112	
4-Chlorophenyl-phenylether	1100		1000	ug/Kg	91				71	108	
Fluorene	1100		1000	ug/Kg	91				68	116	
4-Nitroaniline	1100		980	ug/Kg	89				55	120	
4,6-Dinitro-2-methylphenol	1100		430	ug/Kg	39				32	145	
N-Nitrosodiphenylamine	1100		950	ug/Kg	86				73	118	
Azobenzene	1100		960	ug/Kg	87				73	110	
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91				65	121	
Hexachlorobenzene	1100		1000	ug/Kg	91				67	118	
Atrazine	1100		1200	ug/Kg	109				79	127	
Pentachlorophenol	2200		2200	ug/Kg	100				47	128	
Phenanthrene	1100		1100	ug/Kg	100				72	113	
Anthracene	1100		1100	ug/Kg	100				62	124	
Carbazole	1100		960	ug/Kg	87				59	119	
Di-n-butylphthalate	1100		970	ug/Kg	88				69	118	
Fluoranthene	1100		1300	ug/Kg	118				59	125	
Benzidine	2200		670	ug/Kg	30				10	119	
Pyrene	1100		1200	ug/Kg	109				52	128	
Butylbenzylphthalate	1100		970	ug/Kg	88				64	126	
3,3-Dichlorobenzidine	1100		870	ug/Kg	79				10	164	
Benzo(a)anthracene	1100		1200	ug/Kg	109				71	114	
Chrysene	1100		1100	ug/Kg	100				57	121	
bis(2-Ethylhexyl)phthalate	1100		1100	ug/Kg	100				66	127	
Di-n-octyl phthalate	1100		900	ug/Kg	82				71	126	
Benzo(b)fluoranthene	1100		1200	ug/Kg	109				67	121	
Benzo(k)fluoranthene	1100		1100	ug/Kg	100				74	114	
Benzo(a)pyrene	1100		1200	ug/Kg	109				70	142	
Indeno(1,2,3-cd)pyrene	1100		1000	ug/Kg	91				61	125	
Dibenz(a,h)anthracene	1100		960	ug/Kg	87				67	130	
Benzo(g,h,i)perylene	1100		990	ug/Kg	90				53	140	
1,2,4,5-Tetrachlorobenzene	1100		1000	ug/Kg	91				69	124	
1,4-Dioxane	1100		650	ug/Kg	59				46	112	
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109				56	133	
1-Methylnaphthalene	1100		930	ug/Kg	85				70	130	

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP021924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec Qual	RPD	RPD Qual	Low	Limits High	RPD
Lab Sample ID:	P1505-05MSD	Client Sample ID:	WC-1DMSD					DataFile:	BP019775.D		
n-Nitrosodimethylamine	1100		880	ug/Kg	80		8		66	124	20
Pyridine	1100		670	ug/Kg	61		5		45	119	20
Benzaldehyde	1100		230	ug/Kg	21	*	5		26	163	20
Aniline	1100		780	ug/Kg	71		9		10	88	20
Phenol	1100		1000	ug/Kg	91		3		67	126	20
bis(2-Chloroethyl)ether	1100		940	ug/Kg	85		4		74	116	20
2-Chlorophenol	1100		1000	ug/Kg	91		0		61	138	20
1,2-Dichlorobenzene	1100		940	ug/Kg	85		2		61	105	20
1,3-Dichlorobenzene	1100		920	ug/Kg	84		2		62	101	20
1,4-Dichlorobenzene	1100		950	ug/Kg	86		4		63	104	20
Benzyl Alcohol	1100		1000	ug/Kg	91		4		47	126	20
2-Methylphenol	1100		1000	ug/Kg	91		4		66	122	20
2,2-oxybis(1-Chloropropane)	1100		910	ug/Kg	83		2		52	115	20
Acetophenone	1100		950	ug/Kg	86		5		75	111	20
3+4-Methylphenols	1100		990	ug/Kg	90		3		53	132	20
N-Nitroso-di-n-propylamine	1100		900	ug/Kg	82		4		59	119	20
Hexachloroethane	1100		810	ug/Kg	74		3		65	117	20
Nitrobenzene	1100		910	ug/Kg	83		8		70	119	20
Isophorone	1100		940	ug/Kg	85		5		76	122	20
2-Nitrophenol	1100		1000	ug/Kg	91		0		54	145	20
2,4-Dimethylphenol	1100		1200	ug/Kg	109		9		83	144	20
bis(2-Chloroethoxy)methane	1100		930	ug/Kg	85		5		68	112	20
2,4-Dichlorophenol	1100		1100	ug/Kg	100		9		72	118	20
1,2,4-Trichlorobenzene	1100		1000	ug/Kg	91		4		57	103	20
Benzoic acid	1100		1200	ug/Kg	109	*	9		50	104	20
Naphthalene	1100		970	ug/Kg	88		5		72	110	20
4-Chloroaniline	1100		720	ug/Kg	65		8		10	100	20
Hexachlorobutadiene	1100		980	ug/Kg	89		3		66	114	20
Caprolactam	1100		1100	ug/Kg	100		0		51	134	20
4-Chloro-3-methylphenol	1100		1100	ug/Kg	100		9		57	132	20
2-Methylnaphthalene	1100		1000	ug/Kg	91		6		59	123	20
Hexachlorocyclopentadiene	2200		630	ug/Kg	29		0		10	175	20
2,4,6-Trichlorophenol	1100		1100	ug/Kg	100		0		72	117	20
2,4,5-Trichlorophenol	1100		1100	ug/Kg	100		0		72	117	20
1,1-Biphenyl	1100		970	ug/Kg	88		3		75	113	20
2-Chloronaphthalene	1100		960	ug/Kg	87		4		67	118	20
2-Nitroaniline	1100		1100	ug/Kg	100		9		69	127	20
Dimethylphthalate	1100		1000	ug/Kg	91		2		70	113	20
Acenaphthylene	1100		1100	ug/Kg	100		0		79	118	20
2,6-Dinitrotoluene	1100		1000	ug/Kg	91		2		70	125	20
3-Nitroaniline	1100		1000	ug/Kg	91		7		20	111	20
Acenaphthene	1100		1000	ug/Kg	91		4		70	121	20
Total PAH	17600		18170	ug/Kg	103		4		70	121	20
2,4-Dinitrophenol	2200		770	ug/Kg	35		6		16	160	20
4-Nitrophenol	2200		2300	ug/Kg	105		10		45	133	20
Dibenzofuran	1100		1000	ug/Kg	91		0		72	110	20
2,4-Dinitrotoluene/2,6-Dinitrotol	2200		2100	ug/Kg	95		0		55	128	20

Matrix Spike/Matrix Spike Duplicate Summary
SW-846

SDG No.: BP021924

Client: _____

Analytical Method: 8270E

Parameter	Spike	Sample Result	Result	Units	Rec	Rec		RPD		Limits	
						Qual	RPD	Qual	Low	High	RPD
2,4-Dinitrotoluene	1100		1100	ug/Kg	100		0		55	128	20
Diethylphthalate	1100		1000	ug/Kg	91		0		70	112	20
4-Chlorophenyl-phenylether	1100		1100	ug/Kg	100		9		71	108	20
Fluorene	1100		1100	ug/Kg	100		9		68	116	20
4-Nitroaniline	1100		1100	ug/Kg	100		12		55	120	20
4,6-Dinitro-2-methylphenol	1100		390	ug/Kg	35		11		32	145	20
N-Nitrosodiphenylamine	1100		990	ug/Kg	90		5		73	118	20
Azobenzene	1100		990	ug/Kg	90		3		73	110	20
4-Bromophenyl-phenylether	1100		1000	ug/Kg	91		0		65	121	20
Hexachlorobenzene	1100		1000	ug/Kg	91		0		67	118	20
Atrazine	1100		1200	ug/Kg	109		0		79	127	20
Pentachlorophenol	2200		2300	ug/Kg	105		5		47	128	20
Phenanthrene	1100		1200	ug/Kg	109		9		72	113	20
Anthracene	1100		1100	ug/Kg	100		0		62	124	20
Carbazole	1100		1000	ug/Kg	91		4		59	119	20
Di-n-butylphthalate	1100		1000	ug/Kg	91		3		69	118	20
Fluoranthene	1100		1300	ug/Kg	118		0		59	125	20
Benzidine	2200		770	ug/Kg	35		15		10	119	20
Pyrene	1100		1300	ug/Kg	118		8		52	128	20
Butylbenzylphthalate	1100		1000	ug/Kg	91		3		64	126	20
3,3-Dichlorobenzidine	1100		930	ug/Kg	85		7		10	164	20
Benzo(a)anthracene	1100		1200	ug/Kg	109		0		71	114	20
Chrysene	1100		1200	ug/Kg	109		9		57	121	20
bis(2-Ethylhexyl)phthalate	1100		1100	ug/Kg	100		0		66	127	20
Di-n-octyl phthalate	1100		940	ug/Kg	85		4		71	126	20
Benzo(b)fluoranthene	1100		1300	ug/Kg	118		8		67	121	20
Benzo(k)fluoranthene	1100		1100	ug/Kg	100		0		74	114	20
Benzo(a)pyrene	1100		1200	ug/Kg	109		0		70	142	20
Indeno(1,2,3-cd)pyrene	1100		1100	ug/Kg	100		9		61	125	20
Dibenz(a,h)anthracene	1100		1000	ug/Kg	91		4		67	130	20
Benzo(g,h,i)perylene	1100		1000	ug/Kg	91		1		53	140	20
1,2,4,5-Tetrachlorobenzene	1100		1100	ug/Kg	100		9		69	124	20
1,4-Dioxane	1100		680	ug/Kg	62		5		46	112	20
2,3,4,6-Tetrachlorophenol	1100		1200	ug/Kg	109		0		56	133	20
1-Methylnaphthalene	1100		980	ug/Kg	89		5		70	130	20



Surrogate Summary
SW-846

SDG No.: BP021924

Client:

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1458-01	A1163	BP019763.D	2-Fluorophenol	150	25.45	17		10	139
			Phenol-d6	150	16.15	11		10	134
			Nitrobenzene-d5	100	71.28	71		49	133
			2-Fluorobiphenyl	100	77.96	78		52	132
			2,4,6-Tribromophenol	150	108.43	72		32	145
			Terphenyl-d14	100	91.01	91		36	145

Surrogate Summary

SW-846

SDG No.: BP021924

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1461-03	TP-2	BP019764.D	2-Fluorophenol	150	125.00	83		10	139
			Phenol-d6	150	110.72	74		10	134
			Nitrobenzene-d5	100	87.88	88		49	133
			2-Fluorobiphenyl	100	86.52	87		52	132
			2,4,6-Tribromophenol	150	192.57	128		32	145
			Terphenyl-d14	100	100.47	100		36	145
P1461-03MS	TP-2MS	BP019765.D	2-Fluorophenol	150	127.72	85		10	139
			Phenol-d6	150	119.77	80		10	134
			Nitrobenzene-d5	100	87.17	87		49	133
			2-Fluorobiphenyl	100	88.11	88		52	132
			2,4,6-Tribromophenol	150	183.87	123		32	145
			Terphenyl-d14	100	95.45	95		36	145
P1461-03MSD	TP-2MSD	BP019766.D	2-Fluorophenol	150	125.70	84		10	139
			Phenol-d6	150	115.64	77		10	134
			Nitrobenzene-d5	100	87.85	88		49	133
			2-Fluorobiphenyl	100	87.36	87		52	132
			2,4,6-Tribromophenol	150	184.79	123		32	145
			Terphenyl-d14	100	92.67	93		36	145
P1461-06	TP-1	BP019767.D	2-Fluorophenol	150	123.76	83		10	139
			Phenol-d6	150	109.42	73		10	134
			Nitrobenzene-d5	100	90.04	90		49	133
			2-Fluorobiphenyl	100	87.00	87		52	132
			2,4,6-Tribromophenol	150	195.49	130		32	145
			Terphenyl-d14	100	96.09	96		36	145
P1505-04	WC-1S	BP019768.D	2-Fluorophenol	150	116.88	78		10	139
			Phenol-d6	150	96.80	65		10	134
			Nitrobenzene-d5	100	86.93	87		49	133
			2-Fluorobiphenyl	100	84.42	84		52	132
			2,4,6-Tribromophenol	150	180.75	120		32	145
			Terphenyl-d14	100	84.20	84		36	145
P1505-08	WC-1D	BP019769.D	2-Fluorophenol	150	128.29	86		10	139
			Phenol-d6	150	110.42	74		10	134
			Nitrobenzene-d5	100	90.00	90		49	133
			2-Fluorobiphenyl	100	87.40	87		52	132
			2,4,6-Tribromophenol	150	194.01	129		32	145
			Terphenyl-d14	100	89.99	90		36	145
PB159068BL	PB159068BL	BP019761.D	2-Fluorophenol	150	122.88	82		10	139
			Phenol-d6	150	113.13	75		10	134
			Nitrobenzene-d5	100	83.64	84		49	133
			2-Fluorobiphenyl	100	85.77	86		52	132
			2,4,6-Tribromophenol	150	152.83	102		32	145
			Terphenyl-d14	100	90.83	91		36	145
PB159068BS	PB159068BS	BP019762.D	2-Fluorophenol	150	127.92	85		10	139
			Phenol-d6	150	121.42	81		10	134
			Nitrobenzene-d5	100	82.52	83		49	133
			2-Fluorobiphenyl	100	82.88	83		52	132
			2,4,6-Tribromophenol	150	161.94	108		32	145
			Terphenyl-d14	100	91.36	91		36	145



Surrogate Summary

SW-846

SDG No.: BP021924

Client: _____

Analytical Method: 8270E

Lab Sample ID	Client ID	Datafile	Parameter	Spike (PPM)	Result (PPM)	Recovery (%)	Qual	Limits (%)	
								Low	High
P1505-01	WC-1S	BP019770.D	2-Fluorophenol	150	98.99	66		18	112
			Phenol-d6	150	93.48	62		15	107
			Nitrobenzene-d5	100	61.62	62		18	107
			2-Fluorobiphenyl	100	60.71	61		20	109
			2,4,6-Tribromophenol	150	132.89	89		10	110
			Terphenyl-d14	100	66.32	66		14	112
P1505-05	WC-1D	BP019773.D	2-Fluorophenol	150	118.00	79		18	112
			Phenol-d6	150	112.94	75		15	107
			Nitrobenzene-d5	100	73.74	74		18	107
			2-Fluorobiphenyl	100	71.43	71		20	109
			2,4,6-Tribromophenol	150	159.28	106		10	110
			Terphenyl-d14	100	76.74	77		14	112
P1505-05MS	WC-1DMS	BP019774.D	2-Fluorophenol	150	92.47	62		18	112
			Phenol-d6	150	91.15	61		15	107
			Nitrobenzene-d5	100	58.11	58		18	107
			2-Fluorobiphenyl	100	58.57	59		20	109
			2,4,6-Tribromophenol	150	119.90	80		10	110
			Terphenyl-d14	100	60.06	60		14	112
P1505-05MSD	WC-1DMSD	BP019775.D	2-Fluorophenol	150	95.84	64		18	112
			Phenol-d6	150	95.09	63		15	107
			Nitrobenzene-d5	100	61.76	62		18	107
			2-Fluorobiphenyl	100	61.05	61		20	109
			2,4,6-Tribromophenol	150	126.29	84		10	110
			Terphenyl-d14	100	62.80	63		14	112
P1505-09	WC-2S	BP019771.D	2-Fluorophenol	150	52.85	35		18	112
			Phenol-d6	150	114.07	76		15	107
			Nitrobenzene-d5	100	81.64	82		18	107
			2-Fluorobiphenyl	100	83.35	83		20	109
			2,4,6-Tribromophenol	150	57.72	38		10	110
			Terphenyl-d14	100	90.07	90		14	112
P1505-13	WC-2D	BP019772.D	2-Fluorophenol	150	111.39	74		18	112
			Phenol-d6	150	111.17	74		15	107
			Nitrobenzene-d5	100	71.66	72		18	107
			2-Fluorobiphenyl	100	71.05	71		20	109
			2,4,6-Tribromophenol	150	129.40	86		10	110
			Terphenyl-d14	100	73.71	74		14	112
PB159072BL	PB159072BL	BP019759.D	2-Fluorophenol	150	117.40	78		18	112
			Phenol-d6	150	106.21	71		15	107
			Nitrobenzene-d5	100	77.49	77		18	107
			2-Fluorobiphenyl	100	77.06	77		20	109
			2,4,6-Tribromophenol	150	159.30	106		10	110
			Terphenyl-d14	100	85.60	86		14	112
PB159072BS	PB159072BS	BP019760.D	2-Fluorophenol	150	136.00	91		18	112
			Phenol-d6	150	131.15	87		15	107
			Nitrobenzene-d5	100	83.91	84		18	107
			2-Fluorobiphenyl	100	85.31	85		20	109
			2,4,6-Tribromophenol	150	170.50	114	*	10	110
			Terphenyl-d14	100	91.78	92		14	112



5B

SEMIVOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
DECAFLUOROTRIPHENYLPHOSPHINE (DFTPP)

Lab Name: CHEMTECH

Contract: BP021924

Lab Code: CHEM

SAS No.: BP021924 SDG NO.: BP021924

Lab File ID: BP019757.D

DFTPP Injection Date: 02/19/2024

Instrument ID: BNA_P

DFTPP Injection Time: 10:24

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
51	10.0 - 80.0% of mass 198	25
68	Less than 2.0% of mass 69	0.5 (1.6) 1
69	Mass 69 relative abundance	30.7
70	Less than 2.0% of mass 69	0.1 (0.4) 1
127	10.0 - 80.0% of mass 198	35.5
197	Less than 2.0% of mass 198	0.2
198	Base Peak, 100% relative abundance	100
199	5.0 to 9.0% of mass 198	6.6
275	10.0 - 60.0% of mass 198	29.7
365	Greater than 1% of mass 198	3.8
441	Present, but less than mass 443	15.3
442	Greater than 50% of mass 198	100
443	15.0 - 24.0% of mass 442	19.3 (19.3) 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	BP019758.D	02/19/2024	12:13
PB159072BL	PB159072BL	BP019759.D	02/19/2024	12:50
PB159072BS	PB159072BS	BP019760.D	02/19/2024	13:24
PB159068BL	PB159068BL	BP019761.D	02/19/2024	13:57
PB159068BS	PB159068BS	BP019762.D	02/19/2024	14:31
A1163	P1458-01	BP019763.D	02/19/2024	15:13
TP-2	P1461-03	BP019764.D	02/19/2024	15:47
TP-2MS	P1461-03MS	BP019765.D	02/19/2024	16:21
TP-2MSD	P1461-03MSD	BP019766.D	02/19/2024	16:54
TP-1	P1461-06	BP019767.D	02/19/2024	17:28
WC-1S	P1505-04	BP019768.D	02/19/2024	18:02
WC-1D	P1505-08	BP019769.D	02/19/2024	18:36
WC-1S	P1505-01	BP019770.D	02/19/2024	19:10
WC-2S	P1505-09	BP019771.D	02/19/2024	19:44
WC-2D	P1505-13	BP019772.D	02/19/2024	20:18
WC-1D	P1505-05	BP019773.D	02/19/2024	20:52
WC-1DMS	P1505-05MS	BP019774.D	02/19/2024	21:25
WC-1DMSD	P1505-05MSD	BP019775.D	02/19/2024	21:59