

Report of Analysis

Client:	USEPA CLP Organics	Date Collected:	09/26/24
Project:	51486	Date Received:	09/26/24
Client Sample ID:	PB163716TB	SDG No.:	P4022
Lab Sample ID:	PB163716TB	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP022122.D	1	09/26/24 08:15	09/30/24 21:26	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	0.35	U	0.35	2.00	ug/L
123-91-1	1,4-Dioxane	0.35	U	0.35	2.00	ug/L
100-52-7	Benzaldehyde	1.10	U	1.10	10.0	ug/L
100-52-7	Benzaldehyde	1.10	U	1.10	10.0	ug/L
108-95-2	Phenol	1.60	U	1.60	10.0	ug/L
108-95-2	Phenol	1.60	U	1.60	10.0	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.40	U	1.40	10.0	ug/L
111-44-4	Bis(2-Chloroethyl)ether	1.40	U	1.40	10.0	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	5.00	ug/L
95-57-8	2-Chlorophenol	0.91	U	0.91	5.00	ug/L
95-48-7	2-Methylphenol	1.50	U	1.50	10.0	ug/L
95-48-7	2-Methylphenol	1.50	U	1.50	10.0	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.90	U	1.90	10.0	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	1.90	U	1.90	10.0	ug/L
98-86-2	Acetophenone	1.50	U	1.50	10.0	ug/L
98-86-2	Acetophenone	1.50	U	1.50	10.0	ug/L
106-44-5	4-Methylphenol	1.70	U	1.70	10.0	ug/L
106-44-5	4-Methylphenol	1.70	U	1.70	10.0	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.90	U	1.90	5.00	ug/L
621-64-7	N-Nitroso-di-n-propylamine	1.90	U	1.90	5.00	ug/L
67-72-1	Hexachloroethane	1.10	U	1.10	5.00	ug/L
67-72-1	Hexachloroethane	1.10	U	1.10	5.00	ug/L
98-95-3	Nitrobenzene	1.40	U	1.40	5.00	ug/L
98-95-3	Nitrobenzene	1.40	U	1.40	5.00	ug/L
78-59-1	Isophorone	1.70	U	1.70	5.00	ug/L
78-59-1	Isophorone	1.70	U	1.70	5.00	ug/L
88-75-5	2-Nitrophenol	1.20	U	1.20	5.00	ug/L
88-75-5	2-Nitrophenol	1.20	U	1.20	5.00	ug/L
105-67-9	2,4-Dimethylphenol	0.69	U	0.69	5.00	ug/L

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Soil Aliquot Vol:	uL	Test:	SPLP BNA Group1
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105-67-9	2,4-Dimethylphenol	0.69	U	0.69	5.00	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.50	U	1.50	5.00	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	1.50	U	1.50	5.00	ug/L
120-83-2	2,4-Dichlorophenol	1.10	U	1.10	5.00	ug/L
120-83-2	2,4-Dichlorophenol	1.10	U	1.10	5.00	ug/L
91-20-3	Naphthalene	0.94	U	0.94	5.00	ug/L
91-20-3	Naphthalene	0.94	U	0.94	5.00	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	10.0	ug/L
106-47-8	4-Chloroaniline	0.94	U	0.94	10.0	ug/L
87-68-3	Hexachlorobutadiene	1.50	U	1.50	5.00	ug/L
87-68-3	Hexachlorobutadiene	1.50	U	1.50	5.00	ug/L
105-60-2	Caprolactam	2.60	U	2.60	10.0	ug/L
105-60-2	Caprolactam	2.60	U	2.60	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	1.60	U	1.60	5.00	ug/L
59-50-7	4-Chloro-3-methylphenol	1.60	U	1.60	5.00	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	5.00	ug/L
90-12-0	1-Methylnaphthalene	0.91	U	0.91	5.00	ug/L
91-57-6	2-Methylnaphthalene	1.10	U	1.10	5.00	ug/L
91-57-6	2-Methylnaphthalene	1.10	U	1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	3.10	U	3.10	10.0	ug/L
77-47-4	Hexachlorocyclopentadiene	3.10	U	3.10	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	2.00	U	2.00	5.00	ug/L
88-06-2	2,4,6-Trichlorophenol	2.00	U	2.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	1.60	U	1.60	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	1.60	U	1.60	5.00	ug/L
92-52-4	1,1-Biphenyl	1.10	U	1.10	5.00	ug/L
92-52-4	1,1-Biphenyl	1.10	U	1.10	5.00	ug/L
91-58-7	2-Chloronaphthalene	1.10	U	1.10	5.00	ug/L
91-58-7	2-Chloronaphthalene	1.10	U	1.10	5.00	ug/L
88-74-4	2-Nitroaniline	1.80	U	1.80	5.00	ug/L
88-74-4	2-Nitroaniline	1.80	U	1.80	5.00	ug/L

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Lab Sample ID:	PB163716TB	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Solid:	0
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Soil Aliquot Vol:	uL	Test:	SPLP BNA Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

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BP022122.D	1	09/26/24 08:15	09/30/24 21:26	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
131-11-3	Dimethylphthalate	1.10	U	1.10	5.00	ug/L
131-11-3	Dimethylphthalate	1.10	U	1.10	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	1.70	U	1.70	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	1.70	U	1.70	5.00	ug/L
208-96-8	Acenaphthylene	1.20	U	1.20	5.00	ug/L
208-96-8	Acenaphthylene	1.20	U	1.20	5.00	ug/L
99-09-2	3-Nitroaniline	1.60	U	1.60	10.0	ug/L
99-09-2	3-Nitroaniline	1.60	U	1.60	10.0	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	5.00	ug/L
83-32-9	Acenaphthene	0.96	U	0.96	5.00	ug/L
51-28-5	2,4-Dinitrophenol	1.80	U	1.80	10.0	ug/L
51-28-5	2,4-Dinitrophenol	1.80	U	1.80	10.0	ug/L
100-02-7	4-Nitrophenol	1.40	U	1.40	10.0	ug/L
100-02-7	4-Nitrophenol	1.40	U	1.40	10.0	ug/L
132-64-9	Dibenzofuran	1.10	U	1.10	5.00	ug/L
132-64-9	Dibenzofuran	1.10	U	1.10	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.50	U	1.50	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	1.50	U	1.50	5.00	ug/L
84-66-2	Diethylphthalate	1.30	U	1.30	5.00	ug/L
84-66-2	Diethylphthalate	1.30	U	1.30	5.00	ug/L
86-73-7	Fluorene	0.94	U	0.94	5.00	ug/L
86-73-7	Fluorene	0.94	U	0.94	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.10	U	1.10	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	1.10	U	1.10	5.00	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	10.0	ug/L
100-01-6	4-Nitroaniline	0.83	U	0.83	10.0	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.40	U	2.40	10.0	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	2.40	U	2.40	10.0	ug/L
86-30-6	N-Nitrosodiphenylamine	1.30	U	1.30	5.00	ug/L
86-30-6	N-Nitrosodiphenylamine	1.30	U	1.30	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	1.40	U	1.40	5.00	ug/L

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Lab Sample ID:	PB163716TB	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA Group1
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
95-94-3	1,2,4,5-Tetrachlorobenzene	1.40	U	1.40	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	0.95	U	0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	1.20	U	1.20	5.00	ug/L
118-74-1	Hexachlorobenzene	1.20	U	1.20	5.00	ug/L
1912-24-9	Atrazine	1.80	U	1.80	10.0	ug/L
1912-24-9	Atrazine	1.80	U	1.80	10.0	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.0	ug/L
87-86-5	Pentachlorophenol	1.90	U	1.90	10.0	ug/L
85-01-8	Phenanthrene	1.20	U	1.20	5.00	ug/L
85-01-8	Phenanthrene	1.20	U	1.20	5.00	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.00	ug/L
120-12-7	Anthracene	1.10	U	1.10	5.00	ug/L
86-74-8	Carbazole	1.10	U	1.10	10.0	ug/L
86-74-8	Carbazole	1.10	U	1.10	10.0	ug/L
84-74-2	Di-n-butylphthalate	1.90	U	1.90	5.00	ug/L
84-74-2	Di-n-butylphthalate	1.90	U	1.90	5.00	ug/L
206-44-0	Fluoranthene	1.90	U	1.90	5.00	ug/L
206-44-0	Fluoranthene	1.90	U	1.90	5.00	ug/L
129-00-0	Pyrene	1.80	U	1.80	5.00	ug/L
129-00-0	Pyrene	1.80	U	1.80	5.00	ug/L
85-68-7	Butylbenzylphthalate	2.70	U	2.70	5.00	ug/L
85-68-7	Butylbenzylphthalate	2.70	U	2.70	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	1.40	U	1.40	10.0	ug/L
91-94-1	3,3-Dichlorobenzidine	1.40	U	1.40	10.0	ug/L
56-55-3	Benzo(a)anthracene	1.10	U	1.10	5.00	ug/L
56-55-3	Benzo(a)anthracene	1.10	U	1.10	5.00	ug/L
218-01-9	Chrysene	1.10	U	1.10	5.00	ug/L
218-01-9	Chrysene	1.10	U	1.10	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.00	U	3.00	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	3.00	U	3.00	5.00	ug/L

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Analytical Method:	SFAM_SVOC	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA Group1
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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.0	ug/L
117-84-0	Di-n-octyl phthalate	2.40	U	2.40	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	1.40	U	1.40	5.00	ug/L
205-99-2	Benzo(b)fluoranthene	1.40	U	1.40	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	1.40	U	1.40	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	1.40	U	1.40	5.00	ug/L
50-32-8	Benzo(a)pyrene	1.10	U	1.10	5.00	ug/L
50-32-8	Benzo(a)pyrene	1.10	U	1.10	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.40	U	1.40	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	1.40	U	1.40	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.30	U	1.30	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	1.30	U	1.30	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	1.20	U	1.20	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.50	U	1.50	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1.50	U	1.50	5.00	ug/L

SURROGATES

17647-74-4	1,4-Dioxane-d8	4.60		15 - 120	58%	SPK: 8
7291-22-7	Pyridine-d5	22.7		20 - 120	57%	SPK: 40
17647-74-4	1,4-Dioxane-d8	4.60		15 - 120	58%	SPK: 8
7291-22-7	Pyridine-d5	22.7		20 - 120	57%	SPK: 40
4165-62-2	Phenol-d5	22.8		10 - 130	57%	SPK: 40
4165-62-2	Phenol-d5	22.8		10 - 130	57%	SPK: 40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.0		25 - 120	55%	SPK: 40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	22.0		25 - 120	55%	SPK: 40
93951-73-6	2-Chlorophenol-d4	25.0		20 - 130	62%	SPK: 40
93951-73-6	2-Chlorophenol-d4	25.0		20 - 130	62%	SPK: 40
190780-66-6	4-Methylphenol-d8	22.9		25 - 125	57%	SPK: 40
190780-66-6	4-Methylphenol-d8	22.9		25 - 125	57%	SPK: 40
4165-60-0	Nitrobenzene-d5	25.2		20 - 125	63%	SPK: 40

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Soil Aliquot Vol:	uL	Test:	SPLP BNA Group1
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4165-60-0	Nitrobenzene-d5	25.2		20 - 125	63%	SPK: 40
93951-78-1	2-Nitrophenol-d4	25.5		20 - 130	64%	SPK: 40
93951-78-1	2-Nitrophenol-d4	25.5		20 - 130	64%	SPK: 40
93951-74-7	2,4-Dichlorophenol-d3	23.4		20 - 120	59%	SPK: 40
93951-74-7	2,4-Dichlorophenol-d3	23.4		20 - 120	59%	SPK: 40
191656-33-4	4-Chloroaniline-d4	22.9		1 - 146	57%	SPK: 40
191656-33-4	4-Chloroaniline-d4	22.9		1 - 146	57%	SPK: 40
85448-30-2	Dimethylphthalate-d6	24.5		25 - 130	61%	SPK: 40
85448-30-2	Dimethylphthalate-d6	24.5		25 - 130	61%	SPK: 40
93951-97-4	Acenaphthylene-d8	25.1		10 - 130	63%	SPK: 40
93951-97-4	Acenaphthylene-d8	25.1		10 - 130	63%	SPK: 40
93951-79-2	4-Nitrophenol-d4	19.1		10 - 150	48%	SPK: 40
93951-79-2	4-Nitrophenol-d4	19.1		10 - 150	48%	SPK: 40
81103-79-9	Fluorene-d10	23.9		25 - 125	60%	SPK: 40
81103-79-9	Fluorene-d10	23.9		25 - 125	60%	SPK: 40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.0		10 - 130	50%	SPK: 40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	20.0		10 - 130	50%	SPK: 40
1719-06-8	Anthracene-d10	25.6		25 - 130	64%	SPK: 40
1719-06-8	Anthracene-d10	25.6		25 - 130	64%	SPK: 40
1718-52-1	Pyrene-d10	25.2		15 - 130	63%	SPK: 40
1718-52-1	Pyrene-d10	25.2		15 - 130	63%	SPK: 40
63466-71-7	Benzo(a)pyrene-d12	25.0		20 - 130	63%	SPK: 40
63466-71-7	Benzo(a)pyrene-d12	25.0		20 - 130	63%	SPK: 40

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	117000	7.699
3855-82-1	1,4-Dichlorobenzene-d4	117000	7.699
1146-65-2	Naphthalene-d8	426000	10.452
1146-65-2	Naphthalene-d8	426000	10.452
15067-26-2	Acenaphthene-d10	302000	14.304
15067-26-2	Acenaphthene-d10	302000	14.304

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Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA Group1
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1517-22-2	Phenanthrene-d10	692000	17.092			
1517-22-2	Phenanthrene-d10	692000	17.092			
1719-03-5	Chrysene-d12	785000	21.527			
1719-03-5	Chrysene-d12	785000	21.527			
1520-96-3	Perylene-d12	952000	24.81			
1520-96-3	Perylene-d12	952000	24.81			
TENTATIVE IDENTIFIED COMPOUNDS						
E966796	Total Alkanes	0			99.0	ug/L
E966796	Total Alkanes	0			99.0	ug/L

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products