

Report of Analysis

Client:	USEPA CLP Organics	Date Collected:	09/10/24
Project:	51486	Date Received:	09/14/24
Client Sample ID:	DDC70MSD	SDG No.:	P4022
Lab Sample ID:	P4022-04MSD	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
BP022121.D	1	09/26/24 08:15	09/30/24 20:46	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	4.90		0.35	2.00	ug/L
100-52-7	Benzaldehyde	50.0		1.10	10.0	ug/L
108-95-2	Phenol	10.0		1.60	10.0	ug/L
111-44-4	Bis(2-Chloroethyl)ether	29.0		1.40	10.0	ug/L
95-57-8	2-Chlorophenol	29.0		0.91	5.00	ug/L
95-48-7	2-Methylphenol	24.0		1.50	10.0	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	28.0		1.90	10.0	ug/L
98-86-2	Acetophenone	71.0		1.50	10.0	ug/L
106-44-5	4-Methylphenol	21.0		1.70	10.0	ug/L
621-64-7	N-Nitroso-di-n-propylamine	29.0		1.90	5.00	ug/L
67-72-1	Hexachloroethane	52.0		1.10	5.00	ug/L
98-95-3	Nitrobenzene	30.0		1.40	5.00	ug/L
78-59-1	Isophorone	58.0		1.70	5.00	ug/L
88-75-5	2-Nitrophenol	32.0		1.20	5.00	ug/L
105-67-9	2,4-Dimethylphenol	28.0		0.69	5.00	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	30.0		1.50	5.00	ug/L
120-83-2	2,4-Dichlorophenol	34.0		1.10	5.00	ug/L
91-20-3	Naphthalene	72.0		0.94	5.00	ug/L
106-47-8	4-Chloroaniline	8.00	J	0.94	10.0	ug/L
87-68-3	Hexachlorobutadiene	27.0		1.50	5.00	ug/L
105-60-2	Caprolactam	8.10	J	2.60	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	31.0		1.60	5.00	ug/L
90-12-0	1-Methylnaphthalene	57.0		0.91	5.00	ug/L
91-57-6	2-Methylnaphthalene	76.0		1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	26.0		3.10	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	44.0		2.00	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	37.0		1.60	5.00	ug/L
92-52-4	1,1-Biphenyl	33.0		1.10	5.00	ug/L
91-58-7	2-Chloronaphthalene	31.0		1.10	5.00	ug/L

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88-74-4	2-Nitroaniline	36.0		1.80	5.00	ug/L
131-11-3	Dimethylphthalate	32.0		1.10	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	35.0		1.70	5.00	ug/L
208-96-8	Acenaphthylene	32.0		1.20	5.00	ug/L
99-09-2	3-Nitroaniline	18.0		1.60	10.0	ug/L
83-32-9	Acenaphthene	32.0		0.96	5.00	ug/L
51-28-5	2,4-Dinitrophenol	35.0		1.80	10.0	ug/L
100-02-7	4-Nitrophenol	12.0		1.40	10.0	ug/L
132-64-9	Dibenzofuran	31.0		1.10	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	34.0		1.50	5.00	ug/L
84-66-2	Diethylphthalate	32.0		1.30	5.00	ug/L
86-73-7	Fluorene	33.0		0.94	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	31.0		1.10	5.00	ug/L
100-01-6	4-Nitroaniline	21.0		0.83	10.0	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47.0		2.40	10.0	ug/L
86-30-6	N-Nitrosodiphenylamine	34.0		1.30	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	30.0		1.40	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	34.0		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	34.0		1.20	5.00	ug/L
1912-24-9	Atrazine	18.0		1.80	10.0	ug/L
87-86-5	Pentachlorophenol	3200	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	35.0		1.20	5.00	ug/L
120-12-7	Anthracene	32.0		1.10	5.00	ug/L
86-74-8	Carbazole	33.0		1.10	10.0	ug/L
84-74-2	Di-n-butylphthalate	33.0		1.90	5.00	ug/L
206-44-0	Fluoranthene	35.0		1.90	5.00	ug/L
129-00-0	Pyrene	34.0		1.80	5.00	ug/L
85-68-7	Butylbenzylphthalate	36.0		2.70	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	1.90	J	1.40	10.0	ug/L
56-55-3	Benzo(a)anthracene	33.0		1.10	5.00	ug/L
218-01-9	Chrysene	32.0		1.10	5.00	ug/L

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117-81-7	Bis(2-ethylhexyl)phthalate	34.0		3.00	5.00	ug/L
117-84-0	Di-n-octyl phthalate	33.0		2.40	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	33.0		1.40	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	33.0		1.40	5.00	ug/L
50-32-8	Benzo(a)pyrene	31.0		1.10	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	33.0		1.40	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	33.0		1.30	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	33.0		1.20	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1100	E	1.50	5.00	ug/L
SURROGATES						
17647-74-4	1,4-Dioxane-d8	3.60		15 - 120	45%	SPK: 8
7291-22-7	Pyridine-d5	7.20	*	20 - 120	18%	SPK: 40
4165-62-2	Phenol-d5	9.50		10 - 130	24%	SPK: 40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	27.7		25 - 120	69%	SPK: 40
93951-73-6	2-Chlorophenol-d4	28.7		20 - 130	72%	SPK: 40
190780-66-6	4-Methylphenol-d8	20.7		25 - 125	52%	SPK: 40
4165-60-0	Nitrobenzene-d5	31.7		20 - 125	79%	SPK: 40
93951-78-1	2-Nitrophenol-d4	32.5		20 - 130	81%	SPK: 40
93951-74-7	2,4-Dichlorophenol-d3	31.5		20 - 120	79%	SPK: 40
191656-33-4	4-Chloroaniline-d4	12.0		1 - 146	30%	SPK: 40
85448-30-2	Dimethylphthalate-d6	32.7		25 - 130	82%	SPK: 40
93951-97-4	Acenaphthylene-d8	31.7		10 - 130	79%	SPK: 40
93951-79-2	4-Nitrophenol-d4	10.6		10 - 150	26%	SPK: 40
81103-79-9	Fluorene-d10	31.2		25 - 125	78%	SPK: 40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	40.2		10 - 130	101%	SPK: 40
1719-06-8	Anthracene-d10	33.3		25 - 130	83%	SPK: 40
1718-52-1	Pyrene-d10	34.1		15 - 130	85%	SPK: 40
63466-71-7	Benzo(a)pyrene-d12	33.5		20 - 130	84%	SPK: 40

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	123000	7.699
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1146-65-2	Naphthalene-d8	471000	10.458			
15067-26-2	Acenaphthene-d10	362000	14.304			
1517-22-2	Phenanthrene-d10	846000	17.122			
1719-03-5	Chrysene-d12	936000	21.539			
1520-96-3	Perylene-d12	1120000	24.816			
TENTATIVE IDENTIFIED COMPOUNDS						
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