

Report of Analysis

Client:	USEPA CLP Organics	Date Collected:	09/10/24
Project:	51486	Date Received:	09/14/24
Client Sample ID:	DDC70MS	SDG No.:	P4022
Lab Sample ID:	P4022-03MS	Matrix:	Water
Analytical Method:	SFAM_SVOC	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000000 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
BP022120.D	1	09/26/24 08:15	09/30/24 20:05	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	4800		350	2000	ug/L
100-52-7	Benzaldehyde	50000		1100	10000	ug/L
108-95-2	Phenol	9900	J	1600	10000	ug/L
111-44-4	Bis(2-Chloroethyl)ether	29000		1400	10000	ug/L
95-57-8	2-Chlorophenol	28000		910	5000	ug/L
95-48-7	2-Methylphenol	23000		1500	10000	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	27000		1900	10000	ug/L
98-86-2	Acetophenone	71000		1500	10000	ug/L
106-44-5	4-Methylphenol	21000		1700	10000	ug/L
621-64-7	N-Nitroso-di-n-propylamine	29000		1900	5000	ug/L
67-72-1	Hexachloroethane	52000		1100	5000	ug/L
98-95-3	Nitrobenzene	30000		1400	5000	ug/L
78-59-1	Isophorone	57000		1700	5000	ug/L
88-75-5	2-Nitrophenol	32000		1200	5000	ug/L
105-67-9	2,4-Dimethylphenol	27000		690	5000	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	30000		1500	5000	ug/L
120-83-2	2,4-Dichlorophenol	34000		1100	5000	ug/L
91-20-3	Naphthalene	72000		940	5000	ug/L
106-47-8	4-Chloroaniline	7400	J	940	10000	ug/L
87-68-3	Hexachlorobutadiene	28000		1500	5000	ug/L
105-60-2	Caprolactam	7600	J	2600	10000	ug/L
59-50-7	4-Chloro-3-methylphenol	31000		1600	5000	ug/L
90-12-0	1-Methylnaphthalene	57000		910	5000	ug/L
91-57-6	2-Methylnaphthalene	74000		1100	5000	ug/L
77-47-4	Hexachlorocyclopentadiene	26000		3100	10000	ug/L
88-06-2	2,4,6-Trichlorophenol	43000		2000	5000	ug/L
95-95-4	2,4,5-Trichlorophenol	37000		1600	5000	ug/L
92-52-4	1,1-Biphenyl	33000		1100	5000	ug/L
91-58-7	2-Chloronaphthalene	31000		1100	5000	ug/L

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88-74-4	2-Nitroaniline	35000		1800	5000	ug/L
131-11-3	Dimethylphthalate	31000		1100	5000	ug/L
606-20-2	2,6-Dinitrotoluene	34000		1700	5000	ug/L
208-96-8	Acenaphthylene	32000		1200	5000	ug/L
99-09-2	3-Nitroaniline	17000		1600	10000	ug/L
83-32-9	Acenaphthene	31000		960	5000	ug/L
51-28-5	2,4-Dinitrophenol	34000		1800	10000	ug/L
100-02-7	4-Nitrophenol	11000		1400	10000	ug/L
132-64-9	Dibenzofuran	31000		1100	5000	ug/L
121-14-2	2,4-Dinitrotoluene	33000		1500	5000	ug/L
84-66-2	Diethylphthalate	31000		1300	5000	ug/L
86-73-7	Fluorene	32000		940	5000	ug/L
7005-72-3	4-Chlorophenyl-phenylether	30000		1100	5000	ug/L
100-01-6	4-Nitroaniline	18000		830	10000	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	47000		2400	10000	ug/L
86-30-6	N-Nitrosodiphenylamine	34000		1300	5000	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	30000		1400	5000	ug/L
101-55-3	4-Bromophenyl-phenylether	35000		950	5000	ug/L
118-74-1	Hexachlorobenzene	35000		1200	5000	ug/L
1912-24-9	Atrazine	18000		1800	10000	ug/L
87-86-5	Pentachlorophenol	3400000	E	1900	10000	ug/L
85-01-8	Phenanthrene	35000		1200	5000	ug/L
120-12-7	Anthracene	33000		1100	5000	ug/L
86-74-8	Carbazole	33000		1100	10000	ug/L
84-74-2	Di-n-butylphthalate	34000		1900	5000	ug/L
206-44-0	Fluoranthene	34000		1900	5000	ug/L
129-00-0	Pyrene	34000		1800	5000	ug/L
85-68-7	Butylbenzylphthalate	35000		2700	5000	ug/L
91-94-1	3,3-Dichlorobenzidine	1600	J	1400	10000	ug/L
56-55-3	Benzo(a)anthracene	33000		1100	5000	ug/L
218-01-9	Chrysene	32000		1100	5000	ug/L

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117-81-7	Bis(2-ethylhexyl)phthalate	34000		3000	5000	ug/L
117-84-0	Di-n-octyl phthalate	32000		2400	10000	ug/L
205-99-2	Benzo(b)fluoranthene	35000		1400	5000	ug/L
207-08-9	Benzo(k)fluoranthene	32000		1400	5000	ug/L
50-32-8	Benzo(a)pyrene	31000		1100	5000	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	34000		1400	5000	ug/L
53-70-3	Dibenzo(a,h)anthracene	34000		1300	5000	ug/L
191-24-2	Benzo(g,h,i)perylene	34000		1200	5000	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1100000	E	1500	5000	ug/L
SURROGATES						
17647-74-4	1,4-Dioxane-d8	3700	*	15 - 120	46188%	SPK: 8
7291-22-7	Pyridine-d5	7100	*	20 - 120	17713%	SPK: 40
4165-62-2	Phenol-d5	9300	*	10 - 130	23305%	SPK: 40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28000	*	25 - 120	70020%	SPK: 40
93951-73-6	2-Chlorophenol-d4	28300	*	20 - 130	70697%	SPK: 40
190780-66-6	4-Methylphenol-d8	19900	*	25 - 125	49802%	SPK: 40
4165-60-0	Nitrobenzene-d5	31600	*	20 - 125	79010%	SPK: 40
93951-78-1	2-Nitrophenol-d4	32500	*	20 - 130	81288%	SPK: 40
93951-74-7	2,4-Dichlorophenol-d3	31500	*	20 - 120	78867%	SPK: 40
191656-33-4	4-Chloroaniline-d4	10800	*	1 - 146	27052%	SPK: 40
85448-30-2	Dimethylphthalate-d6	31800	*	25 - 130	79492%	SPK: 40
93951-97-4	Acenaphthylene-d8	31500	*	10 - 130	78708%	SPK: 40
93951-79-2	4-Nitrophenol-d4	10500	*	10 - 150	26167%	SPK: 40
81103-79-9	Fluorene-d10	31400	*	25 - 125	78417%	SPK: 40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	39800	*	10 - 130	99378%	SPK: 40
1719-06-8	Anthracene-d10	33400	*	25 - 130	83415%	SPK: 40
1718-52-1	Pyrene-d10	34100	*	15 - 130	85263%	SPK: 40
63466-71-7	Benzo(a)pyrene-d12	34100	*	20 - 130	85208%	SPK: 40
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	125000	7.705			

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1146-65-2	Naphthalene-d8	481000	10.463			
15067-26-2	Acenaphthene-d10	375000	14.304			
1517-22-2	Phenanthrene-d10	855000	17.116			
1719-03-5	Chrysene-d12	976000	21.539			
1520-96-3	Perylene-d12	1160000	24.827			
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