

Report of Analysis

Client:	USEPA CLP Organics	Date Collected:	09/10/24
Project:	51486	Date Received:	09/14/24
Client Sample ID:	DDC95DL	SDG No.:	P4022
Lab Sample ID:	P4022-05DL	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
BP022153.D	30	09/26/24 08:15	10/02/24 03:22	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	10.5	U	10.5	60.0	ug/L
100-52-7	Benzaldehyde	33.0	U	33.0	300	ug/L
108-95-2	Phenol	48.0	U	48.0	300	ug/L
111-44-4	Bis(2-Chloroethyl)ether	42.0	U	42.0	300	ug/L
95-57-8	2-Chlorophenol	27.3	U	27.3	150	ug/L
95-48-7	2-Methylphenol	45.0	U	45.0	300	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	57.0	U	57.0	300	ug/L
98-86-2	Acetophenone	45.0	U	45.0	300	ug/L
106-44-5	4-Methylphenol	51.0	U	51.0	300	ug/L
621-64-7	N-Nitroso-di-n-propylamine	57.0	U	57.0	150	ug/L
67-72-1	Hexachloroethane	33.0	U	33.0	150	ug/L
98-95-3	Nitrobenzene	42.0	U	42.0	150	ug/L
78-59-1	Isophorone	51.0	U	51.0	150	ug/L
88-75-5	2-Nitrophenol	36.0	U	36.0	150	ug/L
105-67-9	2,4-Dimethylphenol	20.7	U	20.7	150	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	45.0	U	45.0	150	ug/L
120-83-2	2,4-Dichlorophenol	33.0	U	33.0	150	ug/L
91-20-3	Naphthalene	66.0	JD	28.2	150	ug/L
106-47-8	4-Chloroaniline	28.2	U	28.2	300	ug/L
87-68-3	Hexachlorobutadiene	45.0	U	45.0	150	ug/L
105-60-2	Caprolactam	78.0	U	78.0	300	ug/L
59-50-7	4-Chloro-3-methylphenol	48.0	U	48.0	150	ug/L
90-12-0	1-Methylnaphthalene	37.0	JD	27.3	150	ug/L
91-57-6	2-Methylnaphthalene	58.0	JD	33.0	150	ug/L
77-47-4	Hexachlorocyclopentadiene	93.0	U	93.0	300	ug/L
88-06-2	2,4,6-Trichlorophenol	60.0	U	60.0	150	ug/L
95-95-4	2,4,5-Trichlorophenol	48.0	U	48.0	150	ug/L
92-52-4	1,1-Biphenyl	33.0	U	33.0	150	ug/L
91-58-7	2-Chloronaphthalene	33.0	U	33.0	150	ug/L

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88-74-4	2-Nitroaniline	54.0	U	54.0	150	ug/L
131-11-3	Dimethylphthalate	33.0	U	33.0	150	ug/L
606-20-2	2,6-Dinitrotoluene	51.0	U	51.0	150	ug/L
208-96-8	Acenaphthylene	36.0	U	36.0	150	ug/L
99-09-2	3-Nitroaniline	48.0	U	48.0	300	ug/L
83-32-9	Acenaphthene	28.8	U	28.8	150	ug/L
51-28-5	2,4-Dinitrophenol	54.0	U	54.0	300	ug/L
100-02-7	4-Nitrophenol	42.0	U	42.0	300	ug/L
132-64-9	Dibenzofuran	33.0	U	33.0	150	ug/L
121-14-2	2,4-Dinitrotoluene	45.0	U	45.0	150	ug/L
84-66-2	Diethylphthalate	39.0	U	39.0	150	ug/L
86-73-7	Fluorene	28.2	U	28.2	150	ug/L
7005-72-3	4-Chlorophenyl-phenylether	33.0	U	33.0	150	ug/L
100-01-6	4-Nitroaniline	24.9	U	24.9	300	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	72.0	U	72.0	300	ug/L
86-30-6	N-Nitrosodiphenylamine	39.0	U	39.0	150	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	42.0	U	42.0	150	ug/L
101-55-3	4-Bromophenyl-phenylether	28.5	U	28.5	150	ug/L
118-74-1	Hexachlorobenzene	36.0	U	36.0	150	ug/L
1912-24-9	Atrazine	54.0	U	54.0	300	ug/L
87-86-5	Pentachlorophenol	4500	D	57.0	300	ug/L
85-01-8	Phenanthrene	36.0	U	36.0	150	ug/L
120-12-7	Anthracene	33.0	U	33.0	150	ug/L
86-74-8	Carbazole	33.0	U	33.0	300	ug/L
84-74-2	Di-n-butylphthalate	57.0	U	57.0	150	ug/L
206-44-0	Fluoranthene	57.0	U	57.0	150	ug/L
129-00-0	Pyrene	54.0	U	54.0	150	ug/L
85-68-7	Butylbenzylphthalate	81.0	U	81.0	150	ug/L
91-94-1	3,3-Dichlorobenzidine	42.0	U	42.0	300	ug/L
56-55-3	Benzo(a)anthracene	33.0	U	33.0	150	ug/L
218-01-9	Chrysene	33.0	U	33.0	150	ug/L

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117-81-7	Bis(2-ethylhexyl)phthalate	90.0	U	90.0	150	ug/L
117-84-0	Di-n-octyl phthalate	72.0	U	72.0	300	ug/L
205-99-2	Benzo(b)fluoranthene	42.0	U	42.0	150	ug/L
207-08-9	Benzo(k)fluoranthene	42.0	U	42.0	150	ug/L
50-32-8	Benzo(a)pyrene	33.0	U	33.0	150	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	42.0	U	42.0	150	ug/L
53-70-3	Dibenzo(a,h)anthracene	39.0	U	39.0	150	ug/L
191-24-2	Benzo(g,h,i)perylene	36.0	U	36.0	150	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1800	D	45.0	150	ug/L
SURROGATES						
7291-22-7	Pyridine-d5	11.3		20 - 120	28%	SPK: 40
17647-74-4	1,4-Dioxane-d8	0	*	15 - 120	0%	SPK: 8
4165-62-2	Phenol-d5	10.2		10 - 130	25%	SPK: 40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	37.4		25 - 120	94%	SPK: 40
93951-73-6	2-Chlorophenol-d4	34.7		20 - 130	87%	SPK: 40
190780-66-6	4-Methylphenol-d8	22.6		25 - 125	56%	SPK: 40
4165-60-0	Nitrobenzene-d5	36.2		20 - 125	90%	SPK: 40
93951-78-1	2-Nitrophenol-d4	36.5		20 - 130	91%	SPK: 40
93951-74-7	2,4-Dichlorophenol-d3	36.3		20 - 120	91%	SPK: 40
191656-33-4	4-Chloroaniline-d4	0	*	1 - 146	0%	SPK: 40
85448-30-2	Dimethylphthalate-d6	42.2		25 - 130	105%	SPK: 40
93951-97-4	Acenaphthylene-d8	39.7		10 - 130	99%	SPK: 40
93951-79-2	4-Nitrophenol-d4	0	*	10 - 150	0%	SPK: 40
81103-79-9	Fluorene-d10	41.4		25 - 125	103%	SPK: 40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	19.0		10 - 130	48%	SPK: 40
1719-06-8	Anthracene-d10	43.9		25 - 130	110%	SPK: 40
1718-52-1	Pyrene-d10	44.5		15 - 130	111%	SPK: 40
63466-71-7	Benzo(a)pyrene-d12	42.6		20 - 130	107%	SPK: 40
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	116000	7.699			

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1146-65-2	Naphthalene-d8	437000	10.457			
15067-26-2	Acenaphthene-d10	326000	14.304			
1517-22-2	Phenanthrene-d10	794000	17.098			
1719-03-5	Chrysene-d12	914000	21.533			
1520-96-3	Perylene-d12	1020000	24.815			
TENTATIVE IDENTIFIED COMPOUNDS						
000108-38-3	Benzene, 1,3-dimethyl-	92.0	JD		5.38	ug/L
000095-47-6	o-Xylene	75.0	JD		5.75	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	210	JD		6.80	ug/L
000108-83-8	4-Heptanone, 2,6-dimethyl-	180	JD		6.86	ug/L
000108-67-8	Mesitylene	160	JD		6.93	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	150	JD		7.10	ug/L
019549-80-5	2-Heptanone, 4,6-dimethyl-	320	JD		7.13	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	400	JD		7.35	ug/L
000104-76-7	1-Hexanol, 2-ethyl-	500	JD		7.76	ug/L
000095-63-6	Benzene, 1,2,4-trimethyl-	200	JD		7.82	ug/L
1000431-42-9	Hexanal ethyl cis-3-hexenyl acetal	110	JD		7.92	ug/L
000496-11-7	Indane	66.0	JD		8.07	ug/L
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	120	JD		8.12	ug/L
1000282-43-7	Dichloroacetic acid, 4-methylpentyl	200	JD		8.17	ug/L
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	80.0	JD		8.33	ug/L
001074-55-1	Benzene, 1-methyl-4-propyl-	70.0	JD		8.49	ug/L
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	61.0	JD		8.63	ug/L
000527-84-4	o-Cymene	98.0	JD		8.68	ug/L
000874-41-9	Benzene, 1-ethyl-2,4-dimethyl-	88.0	JD		8.79	ug/L
006413-83-8	2,4-Dipropyl-5-ethyl-1,3-dioxane	160	JD		10.8	ug/L
	unknown-01	90.0	JD		11.7	ug/L
000529-16-8	Bicyclo[2.2.1]hept-2-ene, 2,3-dime	97.0	JD		13.7	ug/L
E966796	Total Alkanes	250	D		99.0	ug/L

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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