

Report of Analysis

Client:	USEPA CLP Organics	Date Collected:	09/09/24
Project:	51486	Date Received:	09/14/24
Client Sample ID:	DDCD6DL	SDG No.:	P4022
Lab Sample ID:	P4022-06DL	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
BP022145.D	5	09/26/24 08:20	10/01/24 21:58	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	1.75	U	1.75	10.0	ug/L
100-52-7	Benzaldehyde	5.50	U	5.50	50.0	ug/L
108-95-2	Phenol	8.00	U	8.00	50.0	ug/L
111-44-4	Bis(2-Chloroethyl)ether	7.00	U	7.00	50.0	ug/L
95-57-8	2-Chlorophenol	4.55	U	4.55	25.0	ug/L
95-48-7	2-Methylphenol	7.50	U	7.50	50.0	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	9.50	U	9.50	50.0	ug/L
98-86-2	Acetophenone	7.50	U	7.50	50.0	ug/L
106-44-5	4-Methylphenol	8.50	U	8.50	50.0	ug/L
621-64-7	N-Nitroso-di-n-propylamine	9.50	U	9.50	25.0	ug/L
67-72-1	Hexachloroethane	5.50	U	5.50	25.0	ug/L
98-95-3	Nitrobenzene	7.00	U	7.00	25.0	ug/L
78-59-1	Isophorone	8.50	U	8.50	25.0	ug/L
88-75-5	2-Nitrophenol	6.00	U	6.00	25.0	ug/L
105-67-9	2,4-Dimethylphenol	3.45	U	3.45	25.0	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	7.50	U	7.50	25.0	ug/L
120-83-2	2,4-Dichlorophenol	5.50	U	5.50	25.0	ug/L
91-20-3	Naphthalene	110	D	4.70	25.0	ug/L
106-47-8	4-Chloroaniline	4.70	U	4.70	50.0	ug/L
87-68-3	Hexachlorobutadiene	7.50	U	7.50	25.0	ug/L
105-60-2	Caprolactam	13.0	U	13.0	50.0	ug/L
59-50-7	4-Chloro-3-methylphenol	8.00	U	8.00	25.0	ug/L
90-12-0	1-Methylnaphthalene	89.0	D	4.55	25.0	ug/L
91-57-6	2-Methylnaphthalene	160	D	5.50	25.0	ug/L
77-47-4	Hexachlorocyclopentadiene	15.5	U	15.5	50.0	ug/L
88-06-2	2,4,6-Trichlorophenol	10.0	U	10.0	25.0	ug/L
95-95-4	2,4,5-Trichlorophenol	8.00	U	8.00	25.0	ug/L
92-52-4	1,1-Biphenyl	5.50	U	5.50	25.0	ug/L
91-58-7	2-Chloronaphthalene	5.50	U	5.50	25.0	ug/L

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88-74-4	2-Nitroaniline	9.00	U	9.00	25.0	ug/L
131-11-3	Dimethylphthalate	5.50	U	5.50	25.0	ug/L
606-20-2	2,6-Dinitrotoluene	8.50	U	8.50	25.0	ug/L
208-96-8	Acenaphthylene	6.00	U	6.00	25.0	ug/L
99-09-2	3-Nitroaniline	8.00	U	8.00	50.0	ug/L
83-32-9	Acenaphthene	4.80	U	4.80	25.0	ug/L
51-28-5	2,4-Dinitrophenol	9.00	U	9.00	50.0	ug/L
100-02-7	4-Nitrophenol	7.00	U	7.00	50.0	ug/L
132-64-9	Dibenzofuran	5.50	U	5.50	25.0	ug/L
121-14-2	2,4-Dinitrotoluene	7.50	U	7.50	25.0	ug/L
84-66-2	Diethylphthalate	6.50	U	6.50	25.0	ug/L
86-73-7	Fluorene	4.70	U	4.70	25.0	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.50	U	5.50	25.0	ug/L
100-01-6	4-Nitroaniline	4.15	U	4.15	50.0	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	12.0	U	12.0	50.0	ug/L
86-30-6	N-Nitrosodiphenylamine	6.50	U	6.50	25.0	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	7.00	U	7.00	25.0	ug/L
101-55-3	4-Bromophenyl-phenylether	4.75	U	4.75	25.0	ug/L
118-74-1	Hexachlorobenzene	6.00	U	6.00	25.0	ug/L
1912-24-9	Atrazine	9.00	U	9.00	50.0	ug/L
87-86-5	Pentachlorophenol	3600	ED	9.50	50.0	ug/L
85-01-8	Phenanthrene	6.00	U	6.00	25.0	ug/L
120-12-7	Anthracene	5.50	U	5.50	25.0	ug/L
86-74-8	Carbazole	5.50	U	5.50	50.0	ug/L
84-74-2	Di-n-butylphthalate	9.50	U	9.50	25.0	ug/L
206-44-0	Fluoranthene	9.50	U	9.50	25.0	ug/L
129-00-0	Pyrene	9.00	U	9.00	25.0	ug/L
85-68-7	Butylbenzylphthalate	13.5	U	13.5	25.0	ug/L
91-94-1	3,3-Dichlorobenzidine	7.00	U	7.00	50.0	ug/L
56-55-3	Benzo(a)anthracene	5.50	U	5.50	25.0	ug/L
218-01-9	Chrysene	5.50	U	5.50	25.0	ug/L

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117-81-7	Bis(2-ethylhexyl)phthalate	15.0	U	15.0	25.0	ug/L
117-84-0	Di-n-octyl phthalate	12.0	U	12.0	50.0	ug/L
205-99-2	Benzo(b)fluoranthene	7.00	U	7.00	25.0	ug/L
207-08-9	Benzo(k)fluoranthene	7.00	U	7.00	25.0	ug/L
50-32-8	Benzo(a)pyrene	5.50	U	5.50	25.0	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	7.00	U	7.00	25.0	ug/L
53-70-3	Dibenzo(a,h)anthracene	6.50	U	6.50	25.0	ug/L
191-24-2	Benzo(g,h,i)perylene	6.00	U	6.00	25.0	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	1500	ED	7.50	25.0	ug/L
SURROGATES						
17647-74-4	1,4-Dioxane-d8	3.40		15 - 120	43%	SPK: 8
7291-22-7	Pyridine-d5	9.30		20 - 120	23%	SPK: 40
4165-62-2	Phenol-d5	10.4		10 - 130	26%	SPK: 40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	28.6		25 - 120	72%	SPK: 40
93951-73-6	2-Chlorophenol-d4	29.3		20 - 130	73%	SPK: 40
190780-66-6	4-Methylphenol-d8	22.7		25 - 125	57%	SPK: 40
4165-60-0	Nitrobenzene-d5	34.3		20 - 125	86%	SPK: 40
93951-78-1	2-Nitrophenol-d4	32.4		20 - 130	81%	SPK: 40
93951-74-7	2,4-Dichlorophenol-d3	32.0		20 - 120	80%	SPK: 40
191656-33-4	4-Chloroaniline-d4	11.9		1 - 146	30%	SPK: 40
85448-30-2	Dimethylphthalate-d6	34.7		25 - 130	87%	SPK: 40
93951-97-4	Acenaphthylene-d8	33.4		10 - 130	83%	SPK: 40
93951-79-2	4-Nitrophenol-d4	8.80		10 - 150	22%	SPK: 40
81103-79-9	Fluorene-d10	33.3		25 - 125	83%	SPK: 40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	31.1		10 - 130	78%	SPK: 40
1719-06-8	Anthracene-d10	35.5		25 - 130	89%	SPK: 40
1718-52-1	Pyrene-d10	34.0		15 - 130	85%	SPK: 40
63466-71-7	Benzo(a)pyrene-d12	33.0		20 - 130	82%	SPK: 40

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	119000	7.699
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1146-65-2	Naphthalene-d8	441000	10.463			
15067-26-2	Acenaphthene-d10	333000	14.316			
1517-22-2	Phenanthrene-d10	798000	17.11			
1719-03-5	Chrysene-d12	991000	21.533			
1520-96-3	Perylene-d12	1190000	24.827			
TENTATIVE IDENTIFIED COMPOUNDS						
000108-38-3	Benzene, 1,3-dimethyl-	29.0	JD		5.38	ug/L
000095-47-6	o-Xylene	62.0	JD		5.75	ug/L
000098-82-8	Benzene, (1-methylethyl)-	59.0	JD		6.22	ug/L
000103-65-1	Benzene, propyl-	100	JD		6.70	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	410	JD		6.80	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	150	JD		6.94	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	260	JD		7.10	ug/L
019549-80-5	2-Heptanone, 4,6-dimethyl-	390	JD		7.14	ug/L
000108-67-8	Mesitylene	530	JD		7.36	ug/L
000104-76-7	1-Hexanol, 2-ethyl-	310	JD		7.76	ug/L
000095-63-6	Benzene, 1,2,4-trimethyl-	230	JD		7.81	ug/L
000496-11-7	Indane	300	JD		8.07	ug/L
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	190	JD		8.12	ug/L
093677-66-8	2-Pentanone, 5,5-oxybis-	190	JD		8.17	ug/L
001074-43-7	Benzene, 1-methyl-3-propyl-	35.0	JD		8.24	ug/L
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	85.0	JD		8.33	ug/L
001074-55-1	Benzene, 1-methyl-4-propyl-	66.0	JD		8.49	ug/L
000934-80-5	Benzene, 4-ethyl-1,2-dimethyl-	48.0	JD		8.64	ug/L
	unknown-01	160	JD		8.68	ug/L
000149-57-5	Hexanoic acid, 2-ethyl-	110	JD		9.02	ug/L
	unknown-02	24.0	JD		10.8	ug/L
106251-09-6	1H-Pyrazole, 4,5-dihydro-5,5-dimet	86.0	JD		12.9	ug/L
000109-21-7	Butanoic acid, butyl ester	26.0	JD		13.1	ug/L
	unknown-03	22.0	JD		13.2	ug/L

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000141-86-6	2,6-Pyridinediamine	89.0	JD		13.4	ug/L
	unknown-04	65.0	JD		13.5	ug/L
074367-31-0	Propanoic acid, 2-methyl-, 2-ethyl	29.0	JD		13.6	ug/L
000575-43-9	Naphthalene, 1,6-dimethyl-	24.0	JD		13.6	ug/L
	unknown-05	23.0	JD		14.1	ug/L
000935-95-5	Phenol, 2,3,5,6-tetrachloro-	37.0	JD		14.9	ug/L
E966796	Total Alkanes	82.0	D		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