

Report of Analysis

Client:	USEPA CLP Organics	Date Collected:	09/09/24
Project:	51486	Date Received:	09/14/24
Client Sample ID:	DDC37DL	SDG No.:	P4022
Lab Sample ID:	P4022-01DL	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
BP022150.D	50	09/26/24 08:15	10/02/24 01:21	PB163716

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
123-91-1	1,4-Dioxane	17.5	U	17.5	100	ug/L
100-52-7	Benzaldehyde	55.0	U	55.0	500	ug/L
108-95-2	Phenol	80.0	U	80.0	500	ug/L
111-44-4	Bis(2-Chloroethyl)ether	70.0	U	70.0	500	ug/L
95-57-8	2-Chlorophenol	45.5	U	45.5	250	ug/L
95-48-7	2-Methylphenol	75.0	U	75.0	500	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	95.0	U	95.0	500	ug/L
98-86-2	Acetophenone	75.0	U	75.0	500	ug/L
106-44-5	4-Methylphenol	85.0	U	85.0	500	ug/L
621-64-7	N-Nitroso-di-n-propylamine	95.0	U	95.0	250	ug/L
67-72-1	Hexachloroethane	55.0	U	55.0	250	ug/L
98-95-3	Nitrobenzene	70.0	U	70.0	250	ug/L
78-59-1	Isophorone	85.0	U	85.0	250	ug/L
88-75-5	2-Nitrophenol	60.0	U	60.0	250	ug/L
105-67-9	2,4-Dimethylphenol	34.5	U	34.5	250	ug/L
111-91-1	Bis(2-Chloroethoxy)methane	75.0	U	75.0	250	ug/L
120-83-2	2,4-Dichlorophenol	55.0	U	55.0	250	ug/L
91-20-3	Naphthalene	520	D	47.0	250	ug/L
106-47-8	4-Chloroaniline	47.0	U	47.0	500	ug/L
87-68-3	Hexachlorobutadiene	75.0	U	75.0	250	ug/L
105-60-2	Caprolactam	130	U	130	500	ug/L
59-50-7	4-Chloro-3-methylphenol	80.0	U	80.0	250	ug/L
90-12-0	1-Methylnaphthalene	370	D	45.5	250	ug/L
91-57-6	2-Methylnaphthalene	600	D	55.0	250	ug/L
77-47-4	Hexachlorocyclopentadiene	155	U	155	500	ug/L
88-06-2	2,4,6-Trichlorophenol	100	U	100	250	ug/L
95-95-4	2,4,5-Trichlorophenol	80.0	U	80.0	250	ug/L
92-52-4	1,1-Biphenyl	55.0	U	55.0	250	ug/L
91-58-7	2-Chloronaphthalene	55.0	U	55.0	250	ug/L

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88-74-4	2-Nitroaniline	90.0	U	90.0	250	ug/L
131-11-3	Dimethylphthalate	55.0	U	55.0	250	ug/L
606-20-2	2,6-Dinitrotoluene	85.0	U	85.0	250	ug/L
208-96-8	Acenaphthylene	60.0	U	60.0	250	ug/L
99-09-2	3-Nitroaniline	80.0	U	80.0	500	ug/L
83-32-9	Acenaphthene	48.0	U	48.0	250	ug/L
51-28-5	2,4-Dinitrophenol	90.0	U	90.0	500	ug/L
100-02-7	4-Nitrophenol	70.0	U	70.0	500	ug/L
132-64-9	Dibenzofuran	55.0	U	55.0	250	ug/L
121-14-2	2,4-Dinitrotoluene	75.0	U	75.0	250	ug/L
84-66-2	Diethylphthalate	65.0	U	65.0	250	ug/L
86-73-7	Fluorene	47.0	U	47.0	250	ug/L
7005-72-3	4-Chlorophenyl-phenylether	55.0	U	55.0	250	ug/L
100-01-6	4-Nitroaniline	41.5	U	41.5	500	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	120	U	120	500	ug/L
86-30-6	N-Nitrosodiphenylamine	65.0	U	65.0	250	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	70.0	U	70.0	250	ug/L
101-55-3	4-Bromophenyl-phenylether	47.5	U	47.5	250	ug/L
118-74-1	Hexachlorobenzene	60.0	U	60.0	250	ug/L
1912-24-9	Atrazine	90.0	U	90.0	500	ug/L
87-86-5	Pentachlorophenol	44000	ED	95.0	500	ug/L
85-01-8	Phenanthrene	60.0	U	60.0	250	ug/L
120-12-7	Anthracene	55.0	U	55.0	250	ug/L
86-74-8	Carbazole	55.0	U	55.0	500	ug/L
84-74-2	Di-n-butylphthalate	95.0	U	95.0	250	ug/L
206-44-0	Fluoranthene	95.0	U	95.0	250	ug/L
129-00-0	Pyrene	90.0	U	90.0	250	ug/L
85-68-7	Butylbenzylphthalate	135	U	135	250	ug/L
91-94-1	3,3-Dichlorobenzidine	70.0	U	70.0	500	ug/L
56-55-3	Benzo(a)anthracene	55.0	U	55.0	250	ug/L
218-01-9	Chrysene	55.0	U	55.0	250	ug/L

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117-81-7	Bis(2-ethylhexyl)phthalate	150	U	150	250	ug/L
117-84-0	Di-n-octyl phthalate	120	U	120	500	ug/L
205-99-2	Benzo(b)fluoranthene	70.0	U	70.0	250	ug/L
207-08-9	Benzo(k)fluoranthene	70.0	U	70.0	250	ug/L
50-32-8	Benzo(a)pyrene	55.0	U	55.0	250	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	70.0	U	70.0	250	ug/L
53-70-3	Dibenzo(a,h)anthracene	65.0	U	65.0	250	ug/L
191-24-2	Benzo(g,h,i)perylene	60.0	U	60.0	250	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	9100	ED	75.0	250	ug/L
SURROGATES						
17647-74-4	1,4-Dioxane-d8	53.7	*	15 - 120	671%	SPK: 8
7291-22-7	Pyridine-d5	130	*	20 - 120	335%	SPK: 40
4165-62-2	Phenol-d5	120	*	10 - 130	300%	SPK: 40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	390	*	25 - 120	977%	SPK: 40
93951-73-6	2-Chlorophenol-d4	380	*	20 - 130	957%	SPK: 40
190780-66-6	4-Methylphenol-d8	280	*	25 - 125	689%	SPK: 40
4165-60-0	Nitrobenzene-d5	430	*	20 - 125	1080%	SPK: 40
93951-78-1	2-Nitrophenol-d4	470	*	20 - 130	1187%	SPK: 40
93951-74-7	2,4-Dichlorophenol-d3	430	*	20 - 120	1075%	SPK: 40
191656-33-4	4-Chloroaniline-d4	140	*	1 - 146	344%	SPK: 40
85448-30-2	Dimethylphthalate-d6	470	*	25 - 130	1164%	SPK: 40
93951-97-4	Acenaphthylene-d8	460	*	10 - 130	1140%	SPK: 40
93951-79-2	4-Nitrophenol-d4	140	*	10 - 150	340%	SPK: 40
81103-79-9	Fluorene-d10	460	*	25 - 125	1141%	SPK: 40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	840	*	10 - 130	2096%	SPK: 40
1719-06-8	Anthracene-d10	490	*	25 - 130	1229%	SPK: 40
1718-52-1	Pyrene-d10	520	*	15 - 130	1300%	SPK: 40
63466-71-7	Benzo(a)pyrene-d12	480	*	20 - 130	1202%	SPK: 40

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	118000	7.699
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1146-65-2	Naphthalene-d8	446000	10.463			
15067-26-2	Acenaphthene-d10	348000	14.322			
1517-22-2	Phenanthrene-d10	831000	17.116			
1719-03-5	Chrysene-d12	956000	21.539			
1520-96-3	Perylene-d12	1130000	24.821			
TENTATIVE IDENTIFIED COMPOUNDS						
000108-38-3	Benzene, 1,3-dimethyl-	920	JD		5.38	ug/L
000095-47-6	o-Xylene	840	JD		5.75	ug/L
000098-82-8	Benzene, (1-methylethyl)-	510	JD		6.22	ug/L
000103-65-1	Benzene, propyl-	650	JD		6.70	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	2600	JD		6.80	ug/L
000108-67-8	Mesitylene	2100	JD		6.94	ug/L
1000309-31-0	Oxalic acid, cyclohexyl octyl este	620	JD		6.98	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	1600	JD		7.10	ug/L
019549-80-5	2-Heptanone, 4,6-dimethyl-	1400	JD		7.13	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	4700	JD		7.35	ug/L
000104-76-7	1-Hexanol, 2-ethyl-	6600	JD		7.77	ug/L
000095-63-6	Benzene, 1,2,4-trimethyl-	2000	JD		7.81	ug/L
1000309-30-8	Oxalic acid, cyclohexyl hexyl este	2600	JD		7.92	ug/L
000496-11-7	Indane	360	JD		8.07	ug/L
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	480	JD		8.12	ug/L
	unknown-01	760	JD		8.17	ug/L
001074-43-7	Benzene, 1-methyl-3-propyl-	390	JD		8.24	ug/L
000934-74-7	Benzene, 1-ethyl-3,5-dimethyl-	900	JD		8.33	ug/L
001074-55-1	Benzene, 1-methyl-4-propyl-	720	JD		8.49	ug/L
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	720	JD		8.63	ug/L
000527-84-4	o-Cymene	820	JD		8.69	ug/L
000504-20-1	Phorone	370	JD		9.11	ug/L
	unknown-02	1000	JD		10.8	ug/L
	unknown-03	760	JD		11.7	ug/L

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000529-16-8	Bicyclo[2.2.1]hept-2-ene, 2,3-dime	1200	JD		13.7	ug/L
	unknown-04	480	JD		14.4	ug/L
004553-05-3	Pyrrolidine, 1-(1-oxopropyl)-	570	JD		14.6	ug/L
001011-12-7	Cyclohexanone, 2-cyclohexylidene-	980	JD		14.7	ug/L
	unknown-05	450	JD		14.8	ug/L
	unknown-06	390	JD		15.1	ug/L
E966796	Total Alkanes	1600	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