284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	USEPA CLP Organics	Date Collected:	09/10/24
Project:	51486	Date Received:	09/14/24
Client Sample ID:	DDCA1DL	SDG No.:	P4022
Lab Sample ID:	P4022-07DL	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
BP022147.D	5	09/26/24 08:20	10/01/24 23:19	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	120	D	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	8.00	JD	5.50	25.0	ug/L
91-20-3	Naphthalene	26.0	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	17.0	JD	4.55	25.0	ug/L
91-57-6	2-Methylnaphthalene	26.0	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	20.0	JD	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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Client Sample ID:	DDCA1DL	SDG No.:	P4022
Lab Sample ID:	P4022-07DL	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
BP022147.D	5	09/26/24 08:20	10/01/24 23:19	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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	3800	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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Project:	51486	Date Received:	09/14/24
Client Sample ID:	DDCA1DL	SDG No.:	P4022
Lab Sample ID:	P4022-07DL	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
BP022147.D	5	09/26/24 08:20	10/01/24 23:19	PB163717

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
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	1700	ED	7.50	25.0	ug/L
SURROGATES						
17647-74-4	1,4-Dioxane-d8	3.10		15 - 120	38%	SPK: 8
7291-22-7	Pyridine-d5	5.10	*	20 - 120	13%	SPK: 40
4165-62-2	Phenol-d5	10.3		10 - 130	26%	SPK: 40
93952-02-4	Bis-(2-Chloroethyl)ether-d8	25.0		25 - 120	62%	SPK: 40
93951-73-6	2-Chlorophenol-d4	27.3		20 - 130	68%	SPK: 40
190780-66-6	4-Methylphenol-d8	20.9		25 - 125	52%	SPK: 40
4165-60-0	Nitrobenzene-d5	28.6		20 - 125	71%	SPK: 40
93951-78-1	2-Nitrophenol-d4	29.4		20 - 130	73%	SPK: 40
93951-74-7	2,4-Dichlorophenol-d3	29.7		20 - 120	74%	SPK: 40
191656-33-4	4-Chloroaniline-d4	6.60		1 - 146	16%	SPK: 40
85448-30-2	Dimethylphthalate-d6	31.0		25 - 130	77%	SPK: 40
93951-97-4	Acenaphthylene-d8	30.5		10 - 130	76%	SPK: 40
93951-79-2	4-Nitrophenol-d4	9.70		10 - 150	24%	SPK: 40
81103-79-9	Fluorene-d10	30.1		25 - 125	75%	SPK: 40
93951-76-9	4,6-Dinitro-2-methylphenol-d2	21.5		10 - 130	54%	SPK: 40
1719-06-8	Anthracene-d10	31.4		25 - 130	78%	SPK: 40
1718-52-1	Pyrene-d10	32.5		15 - 130	81%	SPK: 40
63466-71-7	Benzo(a)pyrene-d12	29.8		20 - 130	75%	SPK: 40
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	126000	7.699			

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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 :
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1146-65-2	Naphthalene-d8	472000	10.457			
15067-26-2	Acenaphthene-d10	367000	14.31			
1517-22-2	Phenanthrene-d10	888000	17.11			
1719-03-5	Chrysene-d12	1050000	21.533			
1520-96-3	Perylene-d12	1180000	24.821			
TENTATIVE IDENTIFIED COMPOUNDS						
000108-38-3	Benzene, 1,3-dimethyl-	58.0	JD		5.39	ug/L
000106-42-3	p-Xylene	65.0	JD		5.75	ug/L
000097-85-8	Propanoic acid, 2-methyl-, 2-methy	40.0	JD		5.95	ug/L
027522-11-8	1-Pentanol, 2-ethyl-	120	JD		6.23	ug/L
000123-05-7	Hexanal, 2-ethyl-	50.0	JD		6.62	ug/L
000611-14-3	Benzene, 1-ethyl-2-methyl-	99.0	JD		6.80	ug/L
000622-96-8	Benzene, 1-ethyl-4-methyl-	160	JD		7.09	ug/L
019549-80-5	2-Heptanone, 4,6-dimethyl-	230	JD		7.14	ug/L
000526-73-8	Benzene, 1,2,3-trimethyl-	350	JD		7.35	ug/L
000104-76-7	1-Hexanol, 2-ethyl-	2200	JD		7.78	ug/L
050639-00-4	2-Hexen-1-ol, 2-ethyl-	85.0	JD		7.88	ug/L
	unknown-01	130	JD		7.95	ug/L
000873-94-9	Cyclohexanone, 3,3,5-trimethyl-	170	JD		8.13	ug/L
	unknown-02	61.0	JD		8.17	ug/L
000933-98-2	Benzene, 1-ethyl-2,3-dimethyl-	45.0	JD		8.33	ug/L
001074-55-1	Benzene, 1-methyl-4-propyl-	40.0	JD		8.49	ug/L
000099-87-6	p-Cymene	38.0	JD		8.69	ug/L
000767-15-7	2-Pyrimidinamine, 4,6-dimethyl-	360	JD		9.11	ug/L
073583-56-9	2,6-Dimethyl-6-nitro-2-hepten-4-on	110	JD		9.62	ug/L
000094-96-2	1,3-Hexanediol, 2-ethyl-	43.0	JD		10.7	ug/L
	unknown-03	69.0	JD		10.8	ug/L
	unknown-04	40.0	JD		11.9	ug/L
000499-06-9	Benzoic acid, 3,5-dimethyl-	58.0	JD		12.6	ug/L
000109-21-7	Butanoic acid, butyl ester	94.0	JD		13.1	ug/L

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	unknown-05	73.0	JD		13.3	ug/L
000097-87-0	Propanoic acid, 2-methyl-, butyl e	160	JD		13.6	ug/L
000529-16-8	Bicyclo[2.2.1]hept-2-ene, 2,3-dime	110	JD		13.7	ug/L
006846-50-0	2,2,4-Trimethyl-1,3-pentanediol di	44.0	JD		13.8	ug/L
003724-61-6	Butyric acid, dodecyl ester	100	JD		14.1	ug/L
	unknown-06	330	JD		16.2	ug/L
E966796	Total Alkanes	350	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