

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-01MSD	SDG No.:	Q1421
Lab Sample ID:	Q1421-06MSD	Matrix:	Water
Analytical Method:	SW8270	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SPLP BNA
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3510C		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP024122.D	1	02/26/25 11:20	02/27/25 15:49	PB166894

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	31.7		4.00	10.0	ug/L
108-95-2	Phenol	13.8		0.93	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	45.0		1.20	5.00	ug/L
95-57-8	2-Chlorophenol	36.2		0.71	5.00	ug/L
95-48-7	2-Methylphenol	34.0		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	46.8		1.40	5.00	ug/L
98-86-2	Acetophenone	50.2		1.10	5.00	ug/L
65794-96-9	3+4-Methylphenols	30.3		1.20	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	51.0		1.50	2.50	ug/L
67-72-1	Hexachloroethane	28.7		1.00	5.00	ug/L
98-95-3	Nitrobenzene	45.1		1.30	5.00	ug/L
78-59-1	Isophorone	53.7		1.10	5.00	ug/L
88-75-5	2-Nitrophenol	45.2		2.00	5.00	ug/L
105-67-9	2,4-Dimethylphenol	56.3		1.50	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	46.9		1.00	5.00	ug/L
120-83-2	2,4-Dichlorophenol	44.8		0.88	5.00	ug/L
91-20-3	Naphthalene	38.7		1.00	5.00	ug/L
106-47-8	4-Chloroaniline	39.9		1.30	5.00	ug/L
87-68-3	Hexachlorobutadiene	30.8		1.30	5.00	ug/L
105-60-2	Caprolactam	13.5		1.70	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	44.5		0.84	5.00	ug/L
91-57-6	2-Methylnaphthalene	41.9		1.10	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	120	E	5.00	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	47.8		0.89	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	48.6		1.00	5.00	ug/L
92-52-4	1,1-Biphenyl	48.2		0.91	5.00	ug/L
91-58-7	2-Chloronaphthalene	43.4		0.97	5.00	ug/L
88-74-4	2-Nitroaniline	52.4		1.40	5.00	ug/L
131-11-3	Dimethylphthalate	61.4		0.93	5.00	ug/L

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208-96-8	Acenaphthylene	50.3		1.00	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	51.2		1.20	5.00	ug/L
99-09-2	3-Nitroaniline	24.7		1.40	5.00	ug/L
83-32-9	Acenaphthene	46.5		0.81	5.00	ug/L
51-28-5	2,4-Dinitrophenol	71.9		6.40	10.0	ug/L
100-02-7	4-Nitrophenol	36.2		2.00	10.0	ug/L
132-64-9	Dibenzofuran	44.9		0.93	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	55.3		1.50	5.00	ug/L
84-66-2	Diethylphthalate	50.9		1.00	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	46.8		0.98	5.00	ug/L
86-73-7	Fluorene	48.2		0.96	5.00	ug/L
100-01-6	4-Nitroaniline	36.6		2.00	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	37.5		3.10	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	48.5		0.89	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	46.0		0.95	5.00	ug/L
118-74-1	Hexachlorobenzene	46.8		1.10	5.00	ug/L
1912-24-9	Atrazine	72.7		1.30	5.00	ug/L
87-86-5	Pentachlorophenol	95.1	E	1.90	10.0	ug/L
85-01-8	Phenanthrene	47.4		0.89	5.00	ug/L
120-12-7	Anthracene	50.3		1.10	5.00	ug/L
86-74-8	Carbazole	50.1		1.20	5.00	ug/L
84-74-2	Di-n-butylphthalate	54.4		1.50	5.00	ug/L
206-44-0	Fluoranthene	48.6		1.30	5.00	ug/L
129-00-0	Pyrene	47.0		1.10	5.00	ug/L
85-68-7	Butylbenzylphthalate	55.9		2.10	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	59.8		1.30	10.0	ug/L
56-55-3	Benzo(a)anthracene	50.0		0.94	5.00	ug/L
218-01-9	Chrysene	47.8		0.86	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	55.7		1.90	5.00	ug/L
117-84-0	Di-n-octyl phthalate	58.4		2.50	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	45.5		1.10	5.00	ug/L

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207-08-9	Benzo(k)fluoranthene	47.7		1.20	5.00	ug/L
50-32-8	Benzo(a)pyrene	51.8		1.70	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	52.9		1.00	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	51.3		1.20	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	47.9		1.20	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	44.7		1.10	5.00	ug/L
123-91-1	1,4-Dioxane	20.4		1.30	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	48.1		0.79	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	70.8		10 - 139	47%	SPK: 150
13127-88-3	Phenol-d6	42.7		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	106		49 - 133	106%	SPK: 100
321-60-8	2-Fluorobiphenyl	97.8		52 - 132	98%	SPK: 100
118-79-6	2,4,6-Tribromophenol	167		44 - 137	111%	SPK: 150
1718-51-0	Terphenyl-d14	102		48 - 125	102%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	285000	7.757			
1146-65-2	Naphthalene-d8	1120000	10.539			
15067-26-2	Acenaphthene-d10	687000	14.386			
1517-22-2	Phenanthrene-d10	1330000	17.186			
1719-03-5	Chrysene-d12	1470000	21.645			
1520-96-3	Perylene-d12	1680000	25.039			

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