

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01MSD	SDG No.:	Q3179
Lab Sample ID:	Q3179-03MSD	Matrix:	Water
Analytical Method:	8270E	% 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 :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143840.D	1	09/29/25 08:42	09/30/25 18:35	PB169880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	18.8		0.86	10.0	ug/L
110-86-1	Pyridine	19.2		1.30	5.00	ug/L
100-52-7	Benzaldehyde	30.4		3.90	10.0	ug/L
62-53-3	Aniline	27.2		1.50	5.00	ug/L
108-95-2	Phenol	17.5		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	45.6		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	39.1		0.58	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	43.2		0.68	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	41.1		0.59	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	41.9		0.53	5.00	ug/L
100-51-6	Benzyl Alcohol	37.6		1.60	10.0	ug/L
95-48-7	2-Methylphenol	34.7		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.6		1.30	5.00	ug/L
98-86-2	Acetophenone	53.2		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	31.0		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	49.6		1.40	2.50	ug/L
67-72-1	Hexachloroethane	39.7		0.65	5.00	ug/L
98-95-3	Nitrobenzene	48.4		0.76	5.00	ug/L
78-59-1	Isophorone	51.0		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	54.2		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	48.2		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	49.1		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	46.7		0.52	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	47.6		0.54	5.00	ug/L
65-85-0	Benzoic acid	24.1		4.20	10.0	ug/L
91-20-3	Naphthalene	45.1		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	32.5		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	44.7		0.54	5.00	ug/L
105-60-2	Caprolactam	11.9		1.10	10.0	ug/L

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59-50-7	4-Chloro-3-methylphenol	45.9		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	44.5		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	110	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	51.7		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	50.0		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	50.2		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	45.9		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	62.0		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	52.1		0.61	5.00	ug/L
208-96-8	Acenaphthylene	54.5		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	69.7		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	43.1		1.10	5.00	ug/L
83-32-9	Acenaphthene	52.0		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	110	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	38.3		2.40	10.0	ug/L
132-64-9	Dibenzofuran	49.7		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	61.2		1.20	5.00	ug/L
84-66-2	Diethylphthalate	52.2		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	51.7		0.68	5.00	ug/L
86-73-7	Fluorene	51.0		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	59.7		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	64.7		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	49.8		0.58	5.00	ug/L
103-33-3	Azobenzene	51.5		0.81	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	54.5		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	56.4		0.52	5.00	ug/L
1912-24-9	Atrazine	55.0		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	120	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	49.0		0.50	5.00	ug/L
120-12-7	Anthracene	49.7		0.61	5.00	ug/L
86-74-8	Carbazole	49.4		0.72	5.00	ug/L

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84-74-2	Di-n-butylphthalate	50.2		1.20	5.00	ug/L
206-44-0	Fluoranthene	49.9		0.82	5.00	ug/L
92-87-5	Benzidine	25.5		4.30	10.0	ug/L
129-00-0	Pyrene	60.6		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	56.6		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	41.5		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	50.3		0.45	5.00	ug/L
218-01-9	Chrysene	52.6		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	45.3		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	40.0		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	51.2		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	50.8		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	54.0		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	54.7		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	54.9		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	57.1		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	50.8		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	19.4		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	63.6		0.72	5.00	ug/L
90-12-0	1-Methylnaphthalene	47.7		0.66	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	61.6		23 - 138	41%	SPK: 150
13127-88-3	Phenol-d6	41.8		10 - 134	28%	SPK: 150
4165-60-0	Nitrobenzene-d5	94.9		67 - 132	95%	SPK: 100
321-60-8	2-Fluorobiphenyl	86.9		52 - 132	87%	SPK: 100
118-79-6	2,4,6-Tribromophenol	130		44 - 137	87%	SPK: 150
1718-51-0	Terphenyl-d14	112		42 - 152	112%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	143000	6.886			
1146-65-2	Naphthalene-d8	545000	8.169			

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15067-26-2	Acenaphthene-d10	296000	9.927			
1517-22-2	Phenanthrene-d10	496000	11.416			
1719-03-5	Chrysene-d12	428000	14.057			
1520-96-3	Perylene-d12	609000	15.533			

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