

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-01MS	SDG No.:	Q3179
Lab Sample ID:	Q3179-02MS	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
BF143839.D	1	09/29/25 08:42	09/30/25 18:05	PB169880

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
62-75-9	n-Nitrosodimethylamine	18.9		0.86	10.0	ug/L
110-86-1	Pyridine	19.2		1.30	5.00	ug/L
100-52-7	Benzaldehyde	30.2		3.90	10.0	ug/L
62-53-3	Aniline	26.0		1.50	5.00	ug/L
108-95-2	Phenol	17.2		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	44.9		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	38.4		0.58	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	42.0		0.68	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	40.1		0.59	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	40.9		0.53	5.00	ug/L
100-51-6	Benzyl Alcohol	36.8		1.60	10.0	ug/L
95-48-7	2-Methylphenol	34.4		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	39.0		1.30	5.00	ug/L
98-86-2	Acetophenone	51.8		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	30.8		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	48.2		1.40	2.50	ug/L
67-72-1	Hexachloroethane	39.0		0.65	5.00	ug/L
98-95-3	Nitrobenzene	47.3		0.76	5.00	ug/L
78-59-1	Isophorone	50.2		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	52.0		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	46.9		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	48.0		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	45.5		0.52	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	46.5		0.54	5.00	ug/L
65-85-0	Benzoic acid	23.7		4.20	10.0	ug/L
91-20-3	Naphthalene	43.9		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	29.9		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	43.5		0.54	5.00	ug/L
105-60-2	Caprolactam	11.8		1.10	10.0	ug/L

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59-50-7	4-Chloro-3-methylphenol	45.1		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	43.4		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	51.1		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	49.4		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	45.5		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	60.6		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	51.7		0.61	5.00	ug/L
208-96-8	Acenaphthylene	54.0		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	67.7		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	41.0		1.10	5.00	ug/L
83-32-9	Acenaphthene	51.2		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	37.8		2.40	10.0	ug/L
132-64-9	Dibenzofuran	48.7		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	60.7		1.20	5.00	ug/L
84-66-2	Diethylphthalate	51.9		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	50.9		0.68	5.00	ug/L
86-73-7	Fluorene	50.3		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	59.9		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	61.8		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	48.9		0.58	5.00	ug/L
103-33-3	Azobenzene	50.7		0.81	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	53.3		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	54.6		0.52	5.00	ug/L
1912-24-9	Atrazine	53.2		1.00	5.00	ug/L
87-86-5	Pentachlorophenol	110	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	47.5		0.50	5.00	ug/L
120-12-7	Anthracene	48.4		0.61	5.00	ug/L
86-74-8	Carbazole	47.8		0.72	5.00	ug/L

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84-74-2	Di-n-butylphthalate	48.4		1.20	5.00	ug/L
206-44-0	Fluoranthene	48.1		0.82	5.00	ug/L
92-87-5	Benzidine	23.0		4.30	10.0	ug/L
129-00-0	Pyrene	58.3		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	54.4		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	39.4		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	51.2		0.45	5.00	ug/L
218-01-9	Chrysene	48.0		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	44.2		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	39.2		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	55.3		0.49	5.00	ug/L
207-08-9	Benzo(k)fluoranthene	43.5		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	52.0		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	52.3		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	52.6		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	54.6		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	50.4		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	19.3		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	61.8		0.72	5.00	ug/L
90-12-0	1-Methylnaphthalene	46.2		0.66	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	60.4		23 - 138	40%	SPK: 150
13127-88-3	Phenol-d6	41.0		10 - 134	27%	SPK: 150
4165-60-0	Nitrobenzene-d5	92.4		67 - 132	92%	SPK: 100
321-60-8	2-Fluorobiphenyl	85.4		52 - 132	85%	SPK: 100
118-79-6	2,4,6-Tribromophenol	129		44 - 137	86%	SPK: 150
1718-51-0	Terphenyl-d14	109		42 - 152	109%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	151000	6.887			
1146-65-2	Naphthalene-d8	576000	8.169			

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15067-26-2	Acenaphthene-d10	308000	9.928			
1517-22-2	Phenanthrene-d10	525000	11.416			
1719-03-5	Chrysene-d12	455000	14.057			
1520-96-3	Perylene-d12	662000	15.539			

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