

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-001-01-06MSD	SDG No.:	Q1664
Lab Sample ID:	Q1664-06MSD	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
BG064136.D	1	03/31/25 11:00	04/01/25 15:44	PB167393

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	51.2		3.90	10.0	ug/L
108-95-2	Phenol	13.8		0.91	5.00	ug/L
111-44-4	bis(2-Chloroethyl)ether	47.0		0.81	5.00	ug/L
95-57-8	2-Chlorophenol	42.2		0.58	5.00	ug/L
95-48-7	2-Methylphenol	35.2		1.10	5.00	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	47.3		1.30	5.00	ug/L
98-86-2	Acetophenone	51.4		0.74	5.00	ug/L
65794-96-9	3+4-Methylphenols	30.6		1.10	10.0	ug/L
621-64-7	n-Nitroso-di-n-propylamine	53.0		1.40	2.50	ug/L
67-72-1	Hexachloroethane	38.4		0.65	5.00	ug/L
98-95-3	Nitrobenzene	56.9		0.76	5.00	ug/L
78-59-1	Isophorone	56.1		0.75	5.00	ug/L
88-75-5	2-Nitrophenol	60.6		1.80	5.00	ug/L
105-67-9	2,4-Dimethylphenol	67.8		1.90	5.00	ug/L
111-91-1	bis(2-Chloroethoxy)methane	51.4		0.68	5.00	ug/L
120-83-2	2,4-Dichlorophenol	55.7		0.52	5.00	ug/L
91-20-3	Naphthalene	46.6		0.50	5.00	ug/L
106-47-8	4-Chloroaniline	21.6		0.84	5.00	ug/L
87-68-3	Hexachlorobutadiene	42.7		0.54	5.00	ug/L
105-60-2	Caprolactam	10.2		1.10	10.0	ug/L
59-50-7	4-Chloro-3-methylphenol	49.7		0.59	5.00	ug/L
91-57-6	2-Methylnaphthalene	46.8		0.56	5.00	ug/L
77-47-4	Hexachlorocyclopentadiene	240	E	3.60	10.0	ug/L
88-06-2	2,4,6-Trichlorophenol	63.4		0.51	5.00	ug/L
95-95-4	2,4,5-Trichlorophenol	62.4		0.62	5.00	ug/L
92-52-4	1,1-Biphenyl	54.2		0.53	5.00	ug/L
91-58-7	2-Chloronaphthalene	53.6		0.61	5.00	ug/L
88-74-4	2-Nitroaniline	62.1		1.30	5.00	ug/L
131-11-3	Dimethylphthalate	57.2		0.61	5.00	ug/L

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208-96-8	Acenaphthylene	59.4		0.75	5.00	ug/L
606-20-2	2,6-Dinitrotoluene	60.0		0.92	5.00	ug/L
99-09-2	3-Nitroaniline	30.5		1.10	5.00	ug/L
83-32-9	Acenaphthene	53.7		0.55	5.00	ug/L
51-28-5	2,4-Dinitrophenol	150	E	6.00	10.0	ug/L
100-02-7	4-Nitrophenol	40.0		2.40	10.0	ug/L
132-64-9	Dibenzofuran	52.5		0.61	5.00	ug/L
121-14-2	2,4-Dinitrotoluene	62.7		1.20	5.00	ug/L
84-66-2	Diethylphthalate	56.3		0.69	5.00	ug/L
7005-72-3	4-Chlorophenyl-phenylether	54.2		0.68	5.00	ug/L
86-73-7	Fluorene	56.1		0.63	5.00	ug/L
100-01-6	4-Nitroaniline	59.3		1.50	5.00	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	71.3		2.90	10.0	ug/L
86-30-6	n-Nitrosodiphenylamine	55.7		0.58	5.00	ug/L
101-55-3	4-Bromophenyl-phenylether	57.3		0.40	5.00	ug/L
118-74-1	Hexachlorobenzene	56.1		0.52	5.00	ug/L
1912-24-9	Atrazine	82.2	E	1.00	5.00	ug/L
87-86-5	Pentachlorophenol	130	E	1.60	10.0	ug/L
85-01-8	Phenanthrene	58.2		0.50	5.00	ug/L
120-12-7	Anthracene	59.1		0.61	5.00	ug/L
86-74-8	Carbazole	60.3		0.72	5.00	ug/L
84-74-2	Di-n-butylphthalate	62.3		1.20	5.00	ug/L
206-44-0	Fluoranthene	58.6		0.82	5.00	ug/L
129-00-0	Pyrene	54.7		0.50	5.00	ug/L
85-68-7	Butylbenzylphthalate	61.7		1.90	5.00	ug/L
91-94-1	3,3-Dichlorobenzidine	33.8		0.93	10.0	ug/L
56-55-3	Benzo(a)anthracene	57.9		0.45	5.00	ug/L
218-01-9	Chrysene	54.8		0.44	5.00	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	65.1		1.60	5.00	ug/L
117-84-0	Di-n-octyl phthalate	65.5		2.30	10.0	ug/L
205-99-2	Benzo(b)fluoranthene	54.7		0.49	5.00	ug/L

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207-08-9	Benzo(k)fluoranthene	55.7		0.48	5.00	ug/L
50-32-8	Benzo(a)pyrene	59.9		0.55	5.00	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	59.3		0.59	5.00	ug/L
53-70-3	Dibenzo(a,h)anthracene	59.0		0.67	5.00	ug/L
191-24-2	Benzo(g,h,i)perylene	56.3		0.69	5.00	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	51.7		0.52	5.00	ug/L
123-91-1	1,4-Dioxane	16.0		1.00	5.00	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	64.5		0.72	5.00	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	62.2		10 - 139	41%	SPK: 150
13127-88-3	Phenol-d6	35.4		10 - 134	24%	SPK: 150
4165-60-0	Nitrobenzene-d5	117		49 - 133	117%	SPK: 100
321-60-8	2-Fluorobiphenyl	105		52 - 132	105%	SPK: 100
118-79-6	2,4,6-Tribromophenol	194		44 - 137	129%	SPK: 150
1718-51-0	Terphenyl-d14	105		48 - 125	105%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	32400		7.864		
1146-65-2	Naphthalene-d8	142000		10.649		
15067-26-2	Acenaphthene-d10	97600		14.486		
1517-22-2	Phenanthrene-d10	230000		17.224		
1719-03-5	Chrysene-d12	254000		21.454		
1520-96-3	Perylene-d12	279000		24.462		

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