

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.:	Q3178
Lab Sample ID:	Q3178-02MS	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	71.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143817.D	1	09/25/25 09:25	09/25/25 21:50	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	1400		220	460	ug/Kg
108-95-2	Phenol	2200		30.9	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2100		34.0	240	ug/Kg
95-57-8	2-Chlorophenol	2100		34.2	240	ug/Kg
95-48-7	2-Methylphenol	2200		41.8	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2000		52.5	240	ug/Kg
98-86-2	Acetophenone	2500		41.3	240	ug/Kg
65794-96-9	3+4-Methylphenols	2100		57.5	460	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2100		66.3	110	ug/Kg
67-72-1	Hexachloroethane	2000		24.6	240	ug/Kg
98-95-3	Nitrobenzene	2300		25.6	240	ug/Kg
78-59-1	Isophorone	2300		45.9	240	ug/Kg
88-75-5	2-Nitrophenol	2500		81.5	240	ug/Kg
105-67-9	2,4-Dimethylphenol	2400		90.7	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	2200		43.1	240	ug/Kg
120-83-2	2,4-Dichlorophenol	2200		39.6	240	ug/Kg
91-20-3	Naphthalene	2100		31.8	240	ug/Kg
106-47-8	4-Chloroaniline	860		49.5	240	ug/Kg
87-68-3	Hexachlorobutadiene	2100		35.4	240	ug/Kg
105-60-2	Caprolactam	2500		72.9	460	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2200		40.2	240	ug/Kg
91-57-6	2-Methylnaphthalene	1900		35.8	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	4000	E	160	460	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2400		27.7	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2200		40.7	240	ug/Kg
92-52-4	1,1-Biphenyl	2400		30.5	240	ug/Kg
91-58-7	2-Chloronaphthalene	2200		31.5	240	ug/Kg
88-74-4	2-Nitroaniline	2700		67.3	240	ug/Kg
131-11-3	Dimethylphthalate	2300		37.9	240	ug/Kg

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208-96-8	Acenaphthylene	2500		40.4	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	2900		47.0	240	ug/Kg
99-09-2	3-Nitroaniline	1800		64.4	240	ug/Kg
83-32-9	Acenaphthene	2200		29.8	240	ug/Kg
51-28-5	2,4-Dinitrophenol	3000		320	460	ug/Kg
100-02-7	4-Nitrophenol	5300	E	150	460	ug/Kg
132-64-9	Dibenzofuran	2200		31.8	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	2600		70.1	240	ug/Kg
84-66-2	Diethylphthalate	2300		39.6	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2200		37.4	240	ug/Kg
86-73-7	Fluorene	2200		35.4	240	ug/Kg
100-01-6	4-Nitroaniline	2500		89.9	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1700		140	460	ug/Kg
86-30-6	n-Nitrosodiphenylamine	2100		46.0	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2100		38.9	240	ug/Kg
118-74-1	Hexachlorobenzene	2100		35.4	240	ug/Kg
1912-24-9	Atrazine	2300		47.6	240	ug/Kg
87-86-5	Pentachlorophenol	5200	E	71.8	460	ug/Kg
85-01-8	Phenanthrene	2200		29.3	240	ug/Kg
120-12-7	Anthracene	2300		46.6	240	ug/Kg
86-74-8	Carbazole	2400		43.7	240	ug/Kg
84-74-2	Di-n-butylphthalate	2300		67.0	240	ug/Kg
206-44-0	Fluoranthene	2700		42.0	240	ug/Kg
129-00-0	Pyrene	2100		50.4	240	ug/Kg
85-68-7	Butylbenzylphthalate	2500		99.9	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1800		51.4	460	ug/Kg
56-55-3	Benzo(a)anthracene	2300		32.2	240	ug/Kg
218-01-9	Chrysene	2300		27.9	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200		82.9	240	ug/Kg
117-84-0	Di-n-octyl phthalate	2200		120	460	ug/Kg
205-99-2	Benzo(b)fluoranthene	3000		26.6	240	ug/Kg

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207-08-9	Benzo(k)fluoranthene	2300		31.4	240	ug/Kg
50-32-8	Benzo(a)pyrene	2500		41.3	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1600		40.7	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	1600		38.3	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1600		36.0	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2400		35.8	240	ug/Kg
123-91-1	1,4-Dioxane	2100		63.3	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2700		38.3	240	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	83.4		18 - 112	56%	SPK: 150
13127-88-3	Phenol-d6	85.1		15 - 107	57%	SPK: 150
4165-60-0	Nitrobenzene-d5	62.6		18 - 107	63%	SPK: 100
321-60-8	2-Fluorobiphenyl	49.8		20 - 109	50%	SPK: 100
118-79-6	2,4,6-Tribromophenol	83.2		10 - 116	55%	SPK: 150
1718-51-0	Terphenyl-d14	48.3		10 - 105	48%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	121000	6.886			
1146-65-2	Naphthalene-d8	419000	8.169			
15067-26-2	Acenaphthene-d10	197000	9.922			
1517-22-2	Phenanthrene-d10	339000	11.41			
1719-03-5	Chrysene-d12	466000	14.062			
1520-96-3	Perylene-d12	480000	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