

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS14-02	SDG No.:	Q3176
Lab Sample ID:	Q3176-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	70
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Extraction Type :		Decanted :	N
Injection Volume :		GPC Factor :	1.0
Prep Method :	SW3541	Level :	LOW
		Final Vol:	1000 uL
		Test:	SVOC-TCL BNA -20
		GPC Cleanup :	N
		PH :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BF143815.D	1	09/25/25 09:25	09/25/25 20:51	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	220	U	220	470	ug/Kg
108-95-2	Phenol	31.5	U	31.5	240	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	34.7	U	34.7	240	ug/Kg
95-57-8	2-Chlorophenol	34.8	U	34.8	240	ug/Kg
95-48-7	2-Methylphenol	42.7	U	42.7	240	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	53.5	U	53.5	240	ug/Kg
98-86-2	Acetophenone	42.1	U	42.1	240	ug/Kg
65794-96-9	3+4-Methylphenols	58.6	U	58.6	470	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	67.6	U	67.6	110	ug/Kg
67-72-1	Hexachloroethane	25.1	U	25.1	240	ug/Kg
98-95-3	Nitrobenzene	26.1	U	26.1	240	ug/Kg
78-59-1	Isophorone	46.8	U	46.8	240	ug/Kg
88-75-5	2-Nitrophenol	83.0	U	83.0	240	ug/Kg
105-67-9	2,4-Dimethylphenol	92.4	U	92.4	240	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	43.9	U	43.9	240	ug/Kg
120-83-2	2,4-Dichlorophenol	40.4	U	40.4	240	ug/Kg
91-20-3	Naphthalene	32.4	U	32.4	240	ug/Kg
106-47-8	4-Chloroaniline	50.5	U	50.5	240	ug/Kg
87-68-3	Hexachlorobutadiene	36.1	U	36.1	240	ug/Kg
105-60-2	Caprolactam	74.3	U	74.3	470	ug/Kg
59-50-7	4-Chloro-3-methylphenol	40.9	U	40.9	240	ug/Kg
91-57-6	2-Methylnaphthalene	36.5	U	36.5	240	ug/Kg
77-47-4	Hexachlorocyclopentadiene	170	U	170	470	ug/Kg
88-06-2	2,4,6-Trichlorophenol	28.2	U	28.2	240	ug/Kg
95-95-4	2,4,5-Trichlorophenol	41.5	U	41.5	240	ug/Kg
92-52-4	1,1-Biphenyl	31.1	U	31.1	240	ug/Kg
91-58-7	2-Chloronaphthalene	32.1	U	32.1	240	ug/Kg
88-74-4	2-Nitroaniline	68.6	U	68.6	240	ug/Kg
131-11-3	Dimethylphthalate	38.7	U	38.7	240	ug/Kg

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208-96-8	Acenaphthylene	41.2	U	41.2	240	ug/Kg
606-20-2	2,6-Dinitrotoluene	47.9	UQ	47.9	240	ug/Kg
99-09-2	3-Nitroaniline	65.6	U	65.6	240	ug/Kg
83-32-9	Acenaphthene	30.4	U	30.4	240	ug/Kg
51-28-5	2,4-Dinitrophenol	330	U	330	470	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	470	ug/Kg
132-64-9	Dibenzofuran	32.4	U	32.4	240	ug/Kg
121-14-2	2,4-Dinitrotoluene	71.5	U	71.5	240	ug/Kg
84-66-2	Diethylphthalate	40.4	U	40.4	240	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	38.1	U	38.1	240	ug/Kg
86-73-7	Fluorene	36.1	U	36.1	240	ug/Kg
100-01-6	4-Nitroaniline	91.6	U	91.6	240	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	150	U	150	470	ug/Kg
86-30-6	n-Nitrosodiphenylamine	46.9	U	46.9	240	ug/Kg
101-55-3	4-Bromophenyl-phenylether	39.7	U	39.7	240	ug/Kg
118-74-1	Hexachlorobenzene	36.1	U	36.1	240	ug/Kg
1912-24-9	Atrazine	48.5	U	48.5	240	ug/Kg
87-86-5	Pentachlorophenol	73.2	U	73.2	470	ug/Kg
85-01-8	Phenanthrene	29.8	U	29.8	240	ug/Kg
120-12-7	Anthracene	47.5	U	47.5	240	ug/Kg
86-74-8	Carbazole	44.5	U	44.5	240	ug/Kg
84-74-2	Di-n-butylphthalate	68.3	U	68.3	240	ug/Kg
206-44-0	Fluoranthene	42.8	U	42.8	240	ug/Kg
129-00-0	Pyrene	51.4	U	51.4	240	ug/Kg
85-68-7	Butylbenzylphthalate	100	UQ	100	240	ug/Kg
91-94-1	3,3-Dichlorobenzidine	52.4	U	52.4	470	ug/Kg
56-55-3	Benzo(a)anthracene	32.8	U	32.8	240	ug/Kg
218-01-9	Chrysene	28.4	U	28.4	240	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	84.5	U	84.5	240	ug/Kg
117-84-0	Di-n-octyl phthalate	120	U	120	470	ug/Kg
205-99-2	Benzo(b)fluoranthene	27.1	U	27.1	240	ug/Kg

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207-08-9	Benzo(k)fluoranthene	32.0	U	32.0	240	ug/Kg
50-32-8	Benzo(a)pyrene	42.1	U	42.1	240	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	41.5	U	41.5	240	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	39.1	U	39.1	240	ug/Kg
191-24-2	Benzo(g,h,i)perylene	36.7	U	36.7	240	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	36.5	U	36.5	240	ug/Kg
123-91-1	1,4-Dioxane	64.5	U	64.5	240	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	39.1	U	39.1	240	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	57.1		18 - 112	38%	SPK: 150
13127-88-3	Phenol-d6	60.5		15 - 107	40%	SPK: 150
4165-60-0	Nitrobenzene-d5	37.7		18 - 107	38%	SPK: 100
321-60-8	2-Fluorobiphenyl	23.1		20 - 109	23%	SPK: 100
118-79-6	2,4,6-Tribromophenol	35.9		10 - 116	24%	SPK: 150
1718-51-0	Terphenyl-d14	24.6		10 - 105	25%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	126000	6.887			
1146-65-2	Naphthalene-d8	460000	8.163			
15067-26-2	Acenaphthene-d10	228000	9.922			
1517-22-2	Phenanthrene-d10	336000	11.41			
1719-03-5	Chrysene-d12	411000	14.051			
1520-96-3	Perylene-d12	527000	15.533			
TENTATIVE IDENTIFIED COMPOUNDS						
000057-10-3	n-Hexadecanoic acid	230	J		11.9	ug/Kg

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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