

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	09/23/25
Project:	RFP 916	Date Received:	09/23/25
Client Sample ID:	EME-TS12-01	SDG No.:	Q3176
Lab Sample ID:	Q3176-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	66.1
Sample Wt/Vol:	30.03 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
BF143813.D	1	09/25/25 09:25	09/25/25 19:51	PB169827

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	240	U	240	500	ug/Kg
108-95-2	Phenol	33.4	U	33.4	260	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	36.7	U	36.7	260	ug/Kg
95-57-8	2-Chlorophenol	36.9	U	36.9	260	ug/Kg
95-48-7	2-Methylphenol	45.2	U	45.2	260	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	56.7	U	56.7	260	ug/Kg
98-86-2	Acetophenone	44.6	U	44.6	260	ug/Kg
65794-96-9	3+4-Methylphenols	62.1	U	62.1	500	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	71.6	U	71.6	120	ug/Kg
67-72-1	Hexachloroethane	26.6	U	26.6	260	ug/Kg
98-95-3	Nitrobenzene	27.7	U	27.7	260	ug/Kg
78-59-1	Isophorone	49.6	U	49.6	260	ug/Kg
88-75-5	2-Nitrophenol	88.0	U	88.0	260	ug/Kg
105-67-9	2,4-Dimethylphenol	97.9	U	97.9	260	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	46.5	U	46.5	260	ug/Kg
120-83-2	2,4-Dichlorophenol	42.8	U	42.8	260	ug/Kg
91-20-3	Naphthalene	34.3	U	34.3	260	ug/Kg
106-47-8	4-Chloroaniline	53.5	U	53.5	260	ug/Kg
87-68-3	Hexachlorobutadiene	38.2	U	38.2	260	ug/Kg
105-60-2	Caprolactam	78.7	U	78.7	500	ug/Kg
59-50-7	4-Chloro-3-methylphenol	43.4	U	43.4	260	ug/Kg
91-57-6	2-Methylnaphthalene	38.7	U	38.7	260	ug/Kg
77-47-4	Hexachlorocyclopentadiene	180	U	180	500	ug/Kg
88-06-2	2,4,6-Trichlorophenol	29.9	U	29.9	260	ug/Kg
95-95-4	2,4,5-Trichlorophenol	44.0	U	44.0	260	ug/Kg
92-52-4	1,1-Biphenyl	32.9	U	32.9	260	ug/Kg
91-58-7	2-Chloronaphthalene	34.0	U	34.0	260	ug/Kg
88-74-4	2-Nitroaniline	72.7	U	72.7	260	ug/Kg
131-11-3	Dimethylphthalate	41.0	U	41.0	260	ug/Kg

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208-96-8	Acenaphthylene	43.7	U	43.7	260	ug/Kg
606-20-2	2,6-Dinitrotoluene	50.8	UQ	50.8	260	ug/Kg
99-09-2	3-Nitroaniline	69.5	U	69.5	260	ug/Kg
83-32-9	Acenaphthene	32.2	U	32.2	260	ug/Kg
51-28-5	2,4-Dinitrophenol	350	U	350	500	ug/Kg
100-02-7	4-Nitrophenol	160	U	160	500	ug/Kg
132-64-9	Dibenzofuran	34.3	U	34.3	260	ug/Kg
121-14-2	2,4-Dinitrotoluene	75.7	U	75.7	260	ug/Kg
84-66-2	Diethylphthalate	42.8	U	42.8	260	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	40.4	U	40.4	260	ug/Kg
86-73-7	Fluorene	38.2	U	38.2	260	ug/Kg
100-01-6	4-Nitroaniline	97.0	U	97.0	260	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	500	ug/Kg
86-30-6	n-Nitrosodiphenylamine	49.7	U	49.7	260	ug/Kg
101-55-3	4-Bromophenyl-phenylether	42.0	U	42.0	260	ug/Kg
118-74-1	Hexachlorobenzene	38.2	U	38.2	260	ug/Kg
1912-24-9	Atrazine	51.4	U	51.4	260	ug/Kg
87-86-5	Pentachlorophenol	77.5	U	77.5	500	ug/Kg
85-01-8	Phenanthrene	140	J	31.6	260	ug/Kg
120-12-7	Anthracene	50.3	U	50.3	260	ug/Kg
86-74-8	Carbazole	47.2	U	47.2	260	ug/Kg
84-74-2	Di-n-butylphthalate	72.4	U	72.4	260	ug/Kg
206-44-0	Fluoranthene	240	J	45.3	260	ug/Kg
129-00-0	Pyrene	130	J	54.4	260	ug/Kg
85-68-7	Butylbenzylphthalate	110	UQ	110	260	ug/Kg
91-94-1	3,3-Dichlorobenzidine	55.5	U	55.5	500	ug/Kg
56-55-3	Benzo(a)anthracene	34.8	U	34.8	260	ug/Kg
218-01-9	Chrysene	30.1	U	30.1	260	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	89.5	U	89.5	260	ug/Kg
117-84-0	Di-n-octyl phthalate	130	U	130	500	ug/Kg
205-99-2	Benzo(b)fluoranthene	120	J	28.7	260	ug/Kg

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207-08-9	Benzo(k)fluoranthene	33.9	U	33.9	260	ug/Kg
50-32-8	Benzo(a)pyrene	44.6	U	44.6	260	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	44.0	U	44.0	260	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	41.4	U	41.4	260	ug/Kg
191-24-2	Benzo(g,h,i)perylene	38.8	U	38.8	260	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	38.7	U	38.7	260	ug/Kg
123-91-1	1,4-Dioxane	68.3	U	68.3	260	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	41.4	U	41.4	260	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	71.1		18 - 112	47%	SPK: 150
13127-88-3	Phenol-d6	67.7		15 - 107	45%	SPK: 150
4165-60-0	Nitrobenzene-d5	53.5		18 - 107	54%	SPK: 100
321-60-8	2-Fluorobiphenyl	48.3		20 - 109	48%	SPK: 100
118-79-6	2,4,6-Tribromophenol	83.6		10 - 116	56%	SPK: 150
1718-51-0	Terphenyl-d14	34.6		10 - 105	35%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	105000	6.887
1146-65-2	Naphthalene-d8	337000	8.163
15067-26-2	Acenaphthene-d10	147000	9.922
1517-22-2	Phenanthrene-d10	255000	11.41
1719-03-5	Chrysene-d12	450000	14.051
1520-96-3	Perylene-d12	549000	15.533

TENTATIVE IDENTIFIED COMPOUNDS

000544-76-3	Hexadecane	100	J	9.32	ug/Kg
000057-10-3	n-Hexadecanoic acid	450	J	11.9	ug/Kg
003322-62-1	9-Octadecenamide	310	J	14.8	ug/Kg
000629-92-5	Nonadecane	190	J	15.2	ug/Kg
000516-92-7	Cholestan-3-ol, (3.alpha.,5.beta.)	390	J	16.3	ug/Kg
1010210-43-4	Cholestan-2-one	360	J	16.5	ug/Kg
000601-57-0	Cholest-4-en-3-one	130	J	17.2	ug/Kg

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000083-46-5	.beta.-Sitosterol	300	J		17.7	ug/Kg
001058-61-3	Stigmast-4-en-3-one	190	J		18.7	ug/Kg

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