

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-007-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-19	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	92.8
Sample Wt/Vol:	30.05 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
BF142190.D	1	03/28/25 09:40	03/31/25 19:56	PB167369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	170	U	170	360	ug/Kg
108-95-2	Phenol	23.8	U	23.8	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	26.1	U	26.1	180	ug/Kg
95-57-8	2-Chlorophenol	26.2	U	26.2	180	ug/Kg
95-48-7	2-Methylphenol	32.2	U	32.2	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	40.3	U	40.3	180	ug/Kg
98-86-2	Acetophenone	31.7	U	31.7	180	ug/Kg
65794-96-9	3+4-Methylphenols	44.2	U	44.2	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	51.0	U	51.0	86.1	ug/Kg
67-72-1	Hexachloroethane	18.9	U	18.9	180	ug/Kg
98-95-3	Nitrobenzene	19.7	U	19.7	180	ug/Kg
78-59-1	Isophorone	35.3	UQ	35.3	180	ug/Kg
88-75-5	2-Nitrophenol	62.6	U	62.6	180	ug/Kg
105-67-9	2,4-Dimethylphenol	69.7	U	69.7	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	33.1	U	33.1	180	ug/Kg
120-83-2	2,4-Dichlorophenol	30.4	U	30.4	180	ug/Kg
91-20-3	Naphthalene	24.4	U	24.4	180	ug/Kg
106-47-8	4-Chloroaniline	38.1	U	38.1	180	ug/Kg
87-68-3	Hexachlorobutadiene	27.2	UQ	27.2	180	ug/Kg
105-60-2	Caprolactam	56.0	U	56.0	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30.9	U	30.9	180	ug/Kg
91-57-6	2-Methylnaphthalene	27.5	U	27.5	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	UQ	120	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	21.3	U	21.3	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	31.3	UQ	31.3	180	ug/Kg
92-52-4	1,1-Biphenyl	23.5	U	23.5	180	ug/Kg
91-58-7	2-Chloronaphthalene	24.2	UQ	24.2	180	ug/Kg
88-74-4	2-Nitroaniline	51.7	U	51.7	180	ug/Kg
131-11-3	Dimethylphthalate	29.2	UQ	29.2	180	ug/Kg

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208-96-8	Acenaphthylene	31.1	UQ	31.1	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	36.1	UQ	36.1	180	ug/Kg
99-09-2	3-Nitroaniline	49.5	U	49.5	180	ug/Kg
83-32-9	Acenaphthene	22.9	U	22.9	180	ug/Kg
51-28-5	2,4-Dinitrophenol	250	U	250	360	ug/Kg
100-02-7	4-Nitrophenol	120	U	120	360	ug/Kg
132-64-9	Dibenzofuran	24.4	U	24.4	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.9	UQ	53.9	180	ug/Kg
84-66-2	Diethylphthalate	30.4	U	30.4	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28.7	UQ	28.7	180	ug/Kg
86-73-7	Fluorene	27.2	U	27.2	180	ug/Kg
100-01-6	4-Nitroaniline	69.1	U	69.1	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	UQ	110	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	35.4	UQ	35.4	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29.9	U	29.9	180	ug/Kg
118-74-1	Hexachlorobenzene	27.2	UQ	27.2	180	ug/Kg
1912-24-9	Atrazine	36.6	U	36.6	180	ug/Kg
87-86-5	Pentachlorophenol	55.2	UQ	55.2	360	ug/Kg
85-01-8	Phenanthrene	22.5	U	22.5	180	ug/Kg
120-12-7	Anthracene	35.8	UQ	35.8	180	ug/Kg
86-74-8	Carbazole	33.6	UQ	33.6	180	ug/Kg
84-74-2	Di-n-butylphthalate	51.5	U	51.5	180	ug/Kg
206-44-0	Fluoranthene	32.3	U	32.3	180	ug/Kg
129-00-0	Pyrene	38.7	UQ	38.7	180	ug/Kg
85-68-7	Butylbenzylphthalate	76.8	U	76.8	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	39.5	UQ	39.5	360	ug/Kg
56-55-3	Benzo(a)anthracene	24.7	UQ	24.7	180	ug/Kg
218-01-9	Chrysene	21.4	UQ	21.4	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	63.7	U	63.7	180	ug/Kg
117-84-0	Di-n-octyl phthalate	93.4	U	93.4	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	20.4	U	20.4	180	ug/Kg

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207-08-9	Benzo(k)fluoranthene	24.1	U	24.1	180	ug/Kg
50-32-8	Benzo(a)pyrene	31.7	UQ	31.7	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	31.3	U	31.3	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29.5	U	29.5	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27.6	U	27.6	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27.5	U	27.5	180	ug/Kg
123-91-1	1,4-Dioxane	48.6	U	48.6	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	29.5	U	29.5	180	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	134		18 - 112	89%	SPK: 150
13127-88-3	Phenol-d6	140		15 - 107	93%	SPK: 150
4165-60-0	Nitrobenzene-d5	98.0		18 - 107	98%	SPK: 100
321-60-8	2-Fluorobiphenyl	99.7		20 - 109	100%	SPK: 100
118-79-6	2,4,6-Tribromophenol	129		10 - 116	86%	SPK: 150
1718-51-0	Terphenyl-d14	72.9		10 - 105	73%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	123000	6.863
1146-65-2	Naphthalene-d8	471000	8.145
15067-26-2	Acenaphthene-d10	231000	9.904
1517-22-2	Phenanthrene-d10	352000	11.386
1719-03-5	Chrysene-d12	257000	14.033
1520-96-3	Perylene-d12	307000	15.509

TENTATIVE IDENTIFIED COMPOUNDS

000994-05-8	Butane, 2-methoxy-2-methyl-	1800	JB	2.15	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	320	AB	5.09	ug/Kg
000119-61-9	Benzophenone	340	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	73.2	J	11.9	ug/Kg
018835-33-1	1-Hexacosene	240	J	13.9	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