

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-001-01MSD	SDG No.:	Q1664
Lab Sample ID:	Q1664-03MSD	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	91.8
Sample Wt/Vol:	30.01 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
BM049798.D	1	03/28/25 09:40	04/02/25 19:57	PB167369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	2100		170	360	ug/Kg
108-95-2	Phenol	2100		24.1	190	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	2000		26.5	190	ug/Kg
95-57-8	2-Chlorophenol	2000		26.6	190	ug/Kg
95-48-7	2-Methylphenol	2200		32.6	190	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2100		40.8	190	ug/Kg
98-86-2	Acetophenone	1900		32.1	190	ug/Kg
65794-96-9	3+4-Methylphenols	2200		44.8	360	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	2100		51.6	87.1	ug/Kg
67-72-1	Hexachloroethane	1900		19.2	190	ug/Kg
98-95-3	Nitrobenzene	1900		19.9	190	ug/Kg
78-59-1	Isophorone	2200		35.7	190	ug/Kg
88-75-5	2-Nitrophenol	2100		63.4	190	ug/Kg
105-67-9	2,4-Dimethylphenol	2200		70.6	190	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	1900		33.5	190	ug/Kg
120-83-2	2,4-Dichlorophenol	2000		30.8	190	ug/Kg
91-20-3	Naphthalene	1800		24.7	190	ug/Kg
106-47-8	4-Chloroaniline	740		38.5	190	ug/Kg
87-68-3	Hexachlorobutadiene	1800		27.6	190	ug/Kg
105-60-2	Caprolactam	2300		56.7	360	ug/Kg
59-50-7	4-Chloro-3-methylphenol	2100		31.3	190	ug/Kg
91-57-6	2-Methylnaphthalene	1700		27.9	190	ug/Kg
77-47-4	Hexachlorocyclopentadiene	5500	E	130	360	ug/Kg
88-06-2	2,4,6-Trichlorophenol	2100		21.6	190	ug/Kg
95-95-4	2,4,5-Trichlorophenol	2100		31.7	190	ug/Kg
92-52-4	1,1-Biphenyl	1900		23.7	190	ug/Kg
91-58-7	2-Chloronaphthalene	1900		24.5	190	ug/Kg
88-74-4	2-Nitroaniline	2200		52.4	190	ug/Kg
131-11-3	Dimethylphthalate	1900		29.5	190	ug/Kg

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208-96-8	Acenaphthylene	2100		31.5	190	ug/Kg
606-20-2	2,6-Dinitrotoluene	2000		36.6	190	ug/Kg
99-09-2	3-Nitroaniline	1300		50.1	190	ug/Kg
83-32-9	Acenaphthene	1900		23.2	190	ug/Kg
51-28-5	2,4-Dinitrophenol	3600	E	250	360	ug/Kg
100-02-7	4-Nitrophenol	4700	E	120	360	ug/Kg
132-64-9	Dibenzofuran	1800		24.7	190	ug/Kg
121-14-2	2,4-Dinitrotoluene	2200		54.6	190	ug/Kg
84-66-2	Diethylphthalate	2000		30.8	190	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	2000		29.1	190	ug/Kg
86-73-7	Fluorene	2000		27.6	190	ug/Kg
100-01-6	4-Nitroaniline	1800		69.9	190	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	1900		110	360	ug/Kg
86-30-6	n-Nitrosodiphenylamine	1900		35.8	190	ug/Kg
101-55-3	4-Bromophenyl-phenylether	2000		30.3	190	ug/Kg
118-74-1	Hexachlorobenzene	2000		27.6	190	ug/Kg
1912-24-9	Atrazine	3200	E	37.0	190	ug/Kg
87-86-5	Pentachlorophenol	4500	E	55.9	360	ug/Kg
85-01-8	Phenanthrene	2000		22.8	190	ug/Kg
120-12-7	Anthracene	2000		36.3	190	ug/Kg
86-74-8	Carbazole	2000		34.0	190	ug/Kg
84-74-2	Di-n-butylphthalate	2100		52.2	190	ug/Kg
206-44-0	Fluoranthene	2100		32.7	190	ug/Kg
129-00-0	Pyrene	1900		39.2	190	ug/Kg
85-68-7	Butylbenzylphthalate	2200		77.8	190	ug/Kg
91-94-1	3,3-Dichlorobenzidine	1100		40.0	360	ug/Kg
56-55-3	Benzo(a)anthracene	2000		25.0	190	ug/Kg
218-01-9	Chrysene	1900		21.7	190	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2200		64.5	190	ug/Kg
117-84-0	Di-n-octyl phthalate	2200		94.5	360	ug/Kg
205-99-2	Benzo(b)fluoranthene	1900		20.7	190	ug/Kg

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207-08-9	Benzo(k)fluoranthene	2000		24.4	190	ug/Kg
50-32-8	Benzo(a)pyrene	2100		32.1	190	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	2100		31.7	190	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	2100		29.8	190	ug/Kg
191-24-2	Benzo(g,h,i)perylene	1900		28.0	190	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	1900		27.9	190	ug/Kg
123-91-1	1,4-Dioxane	1600		49.2	190	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2100		29.8	190	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	102		18 - 112	68%	SPK: 150
13127-88-3	Phenol-d6	120		15 - 107	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	79.7		18 - 107	80%	SPK: 100
321-60-8	2-Fluorobiphenyl	76.3		20 - 109	76%	SPK: 100
118-79-6	2,4,6-Tribromophenol	92.4		10 - 116	62%	SPK: 150
1718-51-0	Terphenyl-d14	82.9		10 - 105	83%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	300000	7.787
1146-65-2	Naphthalene-d8	1080000	10.581
15067-26-2	Acenaphthene-d10	695000	14.427
1517-22-2	Phenanthrene-d10	1360000	17.168
1719-03-5	Chrysene-d12	1430000	21.403
1520-96-3	Perylene-d12	1370000	24.403

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