

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-008-01	SDG No.:	Q1664
Lab Sample ID:	Q1664-21	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	94
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
BF142187.D	1	03/28/25 09:40	03/31/25 18:27	PB167369

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	170	U	170	350	ug/Kg
108-95-2	Phenol	23.5	U	23.5	180	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	25.8	U	25.8	180	ug/Kg
95-57-8	2-Chlorophenol	25.9	U	25.9	180	ug/Kg
95-48-7	2-Methylphenol	31.8	U	31.8	180	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	39.9	U	39.9	180	ug/Kg
98-86-2	Acetophenone	31.4	U	31.4	180	ug/Kg
65794-96-9	3+4-Methylphenols	43.7	U	43.7	350	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	50.4	U	50.4	85.0	ug/Kg
67-72-1	Hexachloroethane	18.7	U	18.7	180	ug/Kg
98-95-3	Nitrobenzene	19.5	U	19.5	180	ug/Kg
78-59-1	Isophorone	34.9	UQ	34.9	180	ug/Kg
88-75-5	2-Nitrophenol	61.9	U	61.9	180	ug/Kg
105-67-9	2,4-Dimethylphenol	68.9	U	68.9	180	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	32.7	U	32.7	180	ug/Kg
120-83-2	2,4-Dichlorophenol	30.1	U	30.1	180	ug/Kg
91-20-3	Naphthalene	24.1	U	24.1	180	ug/Kg
106-47-8	4-Chloroaniline	37.6	U	37.6	180	ug/Kg
87-68-3	Hexachlorobutadiene	26.9	UQ	26.9	180	ug/Kg
105-60-2	Caprolactam	55.4	U	55.4	350	ug/Kg
59-50-7	4-Chloro-3-methylphenol	30.5	U	30.5	180	ug/Kg
91-57-6	2-Methylnaphthalene	27.2	U	27.2	180	ug/Kg
77-47-4	Hexachlorocyclopentadiene	120	UQ	120	350	ug/Kg
88-06-2	2,4,6-Trichlorophenol	21.0	U	21.0	180	ug/Kg
95-95-4	2,4,5-Trichlorophenol	30.9	UQ	30.9	180	ug/Kg
92-52-4	1,1-Biphenyl	23.2	U	23.2	180	ug/Kg
91-58-7	2-Chloronaphthalene	23.9	UQ	23.9	180	ug/Kg
88-74-4	2-Nitroaniline	51.1	U	51.1	180	ug/Kg
131-11-3	Dimethylphthalate	28.8	UQ	28.8	180	ug/Kg

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208-96-8	Acenaphthylene	30.7	UQ	30.7	180	ug/Kg
606-20-2	2,6-Dinitrotoluene	35.7	UQ	35.7	180	ug/Kg
99-09-2	3-Nitroaniline	48.9	U	48.9	180	ug/Kg
83-32-9	Acenaphthene	22.6	U	22.6	180	ug/Kg
51-28-5	2,4-Dinitrophenol	240	U	240	350	ug/Kg
100-02-7	4-Nitrophenol	110	U	110	350	ug/Kg
132-64-9	Dibenzofuran	24.1	U	24.1	180	ug/Kg
121-14-2	2,4-Dinitrotoluene	53.3	UQ	53.3	180	ug/Kg
84-66-2	Diethylphthalate	30.1	U	30.1	180	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	28.4	UQ	28.4	180	ug/Kg
86-73-7	Fluorene	26.9	U	26.9	180	ug/Kg
100-01-6	4-Nitroaniline	68.3	U	68.3	180	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	110	UQ	110	350	ug/Kg
86-30-6	n-Nitrosodiphenylamine	35.0	UQ	35.0	180	ug/Kg
101-55-3	4-Bromophenyl-phenylether	29.6	U	29.6	180	ug/Kg
118-74-1	Hexachlorobenzene	26.9	UQ	26.9	180	ug/Kg
1912-24-9	Atrazine	36.1	U	36.1	180	ug/Kg
87-86-5	Pentachlorophenol	54.5	UQ	54.5	350	ug/Kg
85-01-8	Phenanthrene	22.2	U	22.2	180	ug/Kg
120-12-7	Anthracene	35.4	UQ	35.4	180	ug/Kg
86-74-8	Carbazole	33.2	UQ	33.2	180	ug/Kg
84-74-2	Di-n-butylphthalate	50.9	U	50.9	180	ug/Kg
206-44-0	Fluoranthene	31.9	U	31.9	180	ug/Kg
129-00-0	Pyrene	38.3	UQ	38.3	180	ug/Kg
85-68-7	Butylbenzylphthalate	75.9	U	75.9	180	ug/Kg
91-94-1	3,3-Dichlorobenzidine	39.0	UQ	39.0	350	ug/Kg
56-55-3	Benzo(a)anthracene	24.5	UQ	24.5	180	ug/Kg
218-01-9	Chrysene	21.2	UQ	21.2	180	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	62.9	U	62.9	180	ug/Kg
117-84-0	Di-n-octyl phthalate	92.3	U	92.3	350	ug/Kg
205-99-2	Benzo(b)fluoranthene	20.2	U	20.2	180	ug/Kg

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50-32-8	Benzo(a)pyrene	31.4	UQ	31.4	180	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	30.9	U	30.9	180	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	29.1	U	29.1	180	ug/Kg
191-24-2	Benzo(g,h,i)perylene	27.3	U	27.3	180	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	27.2	U	27.2	180	ug/Kg
123-91-1	1,4-Dioxane	48.1	U	48.1	180	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	29.1	U	29.1	180	ug/Kg
SURROGATES						
367-12-4	2-Fluorophenol	101		18 - 112	67%	SPK: 150
13127-88-3	Phenol-d6	99.1		15 - 107	66%	SPK: 150
4165-60-0	Nitrobenzene-d5	72.0		18 - 107	72%	SPK: 100
321-60-8	2-Fluorobiphenyl	78.3		20 - 109	78%	SPK: 100
118-79-6	2,4,6-Tribromophenol	89.3		10 - 116	60%	SPK: 150
1718-51-0	Terphenyl-d14	57.9		10 - 105	58%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	108000	6.863			
1146-65-2	Naphthalene-d8	412000	8.145			
15067-26-2	Acenaphthene-d10	217000	9.904			
1517-22-2	Phenanthrene-d10	330000	11.392			
1719-03-5	Chrysene-d12	261000	14.033			
1520-96-3	Perylene-d12	317000	15.51			
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	1300	JB		2.13	ug/Kg
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	230	AB		5.08	ug/Kg
000119-61-9	Benzophenone	270	J		10.6	ug/Kg
959085-66-6	Heptadecyl heptafluorobutyrate	210	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