

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/23/25
Project:	RFP 905	Date Received:	10/23/25
Client Sample ID:	TP-10MSD	SDG No.:	Q3447
Lab Sample ID:	Q3439-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.2
Sample Wt/Vol:	50.1 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	720		1	100	220	ug/Kg	10/27/25 18:06	PB170246
108-95-2	Phenol	1100		1	14.5	110	ug/Kg	10/27/25 18:06	PB170246
111-44-4	bis(2-Chloroethyl)ether	960		1	16.0	110	ug/Kg	10/27/25 18:06	PB170246
95-57-8	2-Chlorophenol	1100		1	16.0	110	ug/Kg	10/27/25 18:06	PB170246
95-48-7	2-Methylphenol	1100		1	19.6	110	ug/Kg	10/27/25 18:06	PB170246
108-60-1	2,2-oxybis(1-Chloropropane)	960		1	24.6	110	ug/Kg	10/27/25 18:06	PB170246
98-86-2	Acetophenone	1200		1	19.4	110	ug/Kg	10/27/25 18:06	PB170246
65794-96-9	3+4-Methylphenols	1000		1	27.0	220	ug/Kg	10/27/25 18:06	PB170246
621-64-7	n-Nitroso-di-n-propylamine	1000		1	31.1	52.5	ug/Kg	10/27/25 18:06	PB170246
67-72-1	Hexachloroethane	1000		1	11.6	110	ug/Kg	10/27/25 18:06	PB170246
98-95-3	Nitrobenzene	1200		1	12.0	110	ug/Kg	10/27/25 18:06	PB170246
78-59-1	Isophorone	1000		1	21.5	110	ug/Kg	10/27/25 18:06	PB170246
88-75-5	2-Nitrophenol	1100		1	38.2	110	ug/Kg	10/27/25 18:06	PB170246
105-67-9	2,4-Dimethylphenol	1200		1	42.5	110	ug/Kg	10/27/25 18:06	PB170246
111-91-1	bis(2-Chloroethoxy)methane	1100		1	20.2	110	ug/Kg	10/27/25 18:06	PB170246
120-83-2	2,4-Dichlorophenol	1200		1	18.6	110	ug/Kg	10/27/25 18:06	PB170246
91-20-3	Naphthalene	1100		1	14.9	110	ug/Kg	10/27/25 18:06	PB170246
106-47-8	4-Chloroaniline	300		1	23.2	110	ug/Kg	10/27/25 18:06	PB170246
87-68-3	Hexachlorobutadiene	1100		1	16.6	110	ug/Kg	10/27/25 18:06	PB170246
105-60-2	Caprolactam	1100		1	34.2	220	ug/Kg	10/27/25 18:06	PB170246
59-50-7	4-Chloro-3-methylphenol	1100		1	18.8	110	ug/Kg	10/27/25 18:06	PB170246
91-57-6	2-Methylnaphthalene	980		1	16.8	110	ug/Kg	10/27/25 18:06	PB170246
77-47-4	Hexachlorocyclopentadiene	3000	E	1	76.2	220	ug/Kg	10/27/25 18:06	PB170246
88-06-2	2,4,6-Trichlorophenol	1200		1	13.0	110	ug/Kg	10/27/25 18:06	PB170246
95-95-4	2,4,5-Trichlorophenol	1200		1	19.1	110	ug/Kg	10/27/25 18:06	PB170246
92-52-4	1,1-Biphenyl	1200		1	14.3	110	ug/Kg	10/27/25 18:06	PB170246
91-58-7	2-Chloronaphthalene	1000		1	14.8	110	ug/Kg	10/27/25 18:06	PB170246
88-74-4	2-Nitroaniline	1100		1	31.6	110	ug/Kg	10/27/25 18:06	PB170246
131-11-3	Dimethylphthalate	1100		1	17.8	110	ug/Kg	10/27/25 18:06	PB170246
208-96-8	Acenaphthylene	1200		1	19.0	110	ug/Kg	10/27/25 18:06	PB170246
606-20-2	2,6-Dinitrotoluene	1200		1	22.1	110	ug/Kg	10/27/25 18:06	PB170246
99-09-2	3-Nitroaniline	630		1	30.2	110	ug/Kg	10/27/25 18:06	PB170246
83-32-9	Acenaphthene	1100		1	14.0	110	ug/Kg	10/27/25 18:06	PB170246
51-28-5	2,4-Dinitrophenol	2300	E	1	150	220	ug/Kg	10/27/25 18:06	PB170246
100-02-7	4-Nitrophenol	2400	E	1	70.3	220	ug/Kg	10/27/25 18:06	PB170246
132-64-9	Dibenzofuran	1100		1	14.9	110	ug/Kg	10/27/25 18:06	PB170246
121-14-2	2,4-Dinitrotoluene	1200		1	32.9	110	ug/Kg	10/27/25 18:06	PB170246
84-66-2	Diethylphthalate	1100		1	18.6	110	ug/Kg	10/27/25 18:06	PB170246
7005-72-3	4-Chlorophenyl-phenylether	1100		1	17.5	110	ug/Kg	10/27/25 18:06	PB170246
86-73-7	Fluorene	1100		1	16.6	110	ug/Kg	10/27/25 18:06	PB170246
100-01-6	4-Nitroaniline	1200		1	42.2	110	ug/Kg	10/27/25 18:06	PB170246
534-52-1	4,6-Dinitro-2-methylphenol	1200		1	67.6	220	ug/Kg	10/27/25 18:06	PB170246

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Lab Sample ID:	Q3439-05MSD	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	91.2
Sample Wt/Vol:	50.1 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1100		1	21.6	110	ug/Kg	10/27/25 18:06	PB170246
101-55-3	4-Bromophenyl-phenylether	1100		1	18.3	110	ug/Kg	10/27/25 18:06	PB170246
118-74-1	Hexachlorobenzene	1100		1	16.6	110	ug/Kg	10/27/25 18:06	PB170246
1912-24-9	Atrazine	1200		1	22.3	110	ug/Kg	10/27/25 18:06	PB170246
87-86-5	Pentachlorophenol	2400	E	1	33.7	220	ug/Kg	10/27/25 18:06	PB170246
85-01-8	Phenanthrene	1100		1	13.7	110	ug/Kg	10/27/25 18:06	PB170246
120-12-7	Anthracene	1100		1	21.9	110	ug/Kg	10/27/25 18:06	PB170246
86-74-8	Carbazole	1100		1	20.5	110	ug/Kg	10/27/25 18:06	PB170246
84-74-2	Di-n-butylphthalate	1100		1	31.5	110	ug/Kg	10/27/25 18:06	PB170246
206-44-0	Fluoranthene	1000		1	19.7	110	ug/Kg	10/27/25 18:06	PB170246
129-00-0	Pyrene	1000		1	23.6	110	ug/Kg	10/27/25 18:06	PB170246
85-68-7	Butylbenzylphthalate	1200		1	46.9	110	ug/Kg	10/27/25 18:06	PB170246
91-94-1	3,3-Dichlorobenzidine	460		1	24.1	220	ug/Kg	10/27/25 18:06	PB170246
56-55-3	Benzo(a)anthracene	1100		1	15.1	110	ug/Kg	10/27/25 18:06	PB170246
218-01-9	Chrysene	1100		1	13.1	110	ug/Kg	10/27/25 18:06	PB170246
117-81-7	Bis(2-ethylhexyl)phthalate	1100		1	38.9	110	ug/Kg	10/27/25 18:06	PB170246
117-84-0	Di-n-octyl phthalate	1100		1	57.0	220	ug/Kg	10/27/25 18:06	PB170246
205-99-2	Benzo(b)fluoranthene	1100		1	12.5	110	ug/Kg	10/27/25 18:06	PB170246
207-08-9	Benzo(k)fluoranthene	1100		1	14.7	110	ug/Kg	10/27/25 18:06	PB170246
50-32-8	Benzo(a)pyrene	1100		1	19.4	110	ug/Kg	10/27/25 18:06	PB170246
193-39-5	Indeno(1,2,3-cd)pyrene	1100		1	19.1	110	ug/Kg	10/27/25 18:06	PB170246
53-70-3	Dibenzo(a,h)anthracene	1100		1	18.0	110	ug/Kg	10/27/25 18:06	PB170246
191-24-2	Benzo(g,h,i)perylene	1100		1	16.9	110	ug/Kg	10/27/25 18:06	PB170246
95-94-3	1,2,4,5-Tetrachlorobenzene	1200		1	16.8	110	ug/Kg	10/27/25 18:06	PB170246
123-91-1	1,4-Dioxane	820		1	29.7	110	ug/Kg	10/27/25 18:06	PB170246
58-90-2	2,3,4,6-Tetrachlorophenol	1300		1	18.0	110	ug/Kg	10/27/25 18:06	PB170246

SURROGATES

367-12-4	2-Fluorophenol	100		18 - 112	67%	SPK: 150
13127-88-3	Phenol-d6	92.8		15 - 107	62%	SPK: 150
4165-60-0	Nitrobenzene-d5	67.5		18 - 107	67%	SPK: 100
321-60-8	2-Fluorobiphenyl	58.3		20 - 109	58%	SPK: 100
118-79-6	2,4,6-Tribromophenol	105		10 - 116	70%	SPK: 150
1718-51-0	Terphenyl-d14	60.8		10 - 105	61%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	38700
1146-65-2	Naphthalene-d8	147000
15067-26-2	Acenaphthene-d10	118000
1517-22-2	Phenanthrene-d10	285000
1719-03-5	Chrysene-d12	313000
1520-96-3	Perylene-d12	334000

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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