

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/23/25
Project:	RFP 905	Date Received:	10/23/25
Client Sample ID:	P001-TW1-251023-01	SDG No.:	Q3447
Lab Sample ID:	Q3447-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	100
Sample Wt/Vol:	1.02 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	9200	U	2	9200	19400	ug/Kg	10/27/25 20:32	PB170246
108-95-2	Phenol	1300	U	2	1300	10000	ug/Kg	10/27/25 20:32	PB170246
111-44-4	bis(2-Chloroethyl)ether	1400	U	2	1400	10000	ug/Kg	10/27/25 20:32	PB170246
95-57-8	2-Chlorophenol	1400	U	2	1400	10000	ug/Kg	10/27/25 20:32	PB170246
95-48-7	2-Methylphenol	1800	U	2	1800	10000	ug/Kg	10/27/25 20:32	PB170246
108-60-1	2,2-oxybis(1-Chloropropane)	2200	U	2	2200	10000	ug/Kg	10/27/25 20:32	PB170246
98-86-2	Acetophenone	1700	U	2	1700	10000	ug/Kg	10/27/25 20:32	PB170246
65794-96-9	3+4-Methylphenols	2400	U	2	2400	19400	ug/Kg	10/27/25 20:32	PB170246
621-64-7	n-Nitroso-di-n-propylamine	2800	U	2	2800	4700	ug/Kg	10/27/25 20:32	PB170246
67-72-1	Hexachloroethane	1000	UQ	2	1000	10000	ug/Kg	10/27/25 20:32	PB170246
98-95-3	Nitrobenzene	1100	U	2	1100	10000	ug/Kg	10/27/25 20:32	PB170246
78-59-1	Isophorone	1900	U	2	1900	10000	ug/Kg	10/27/25 20:32	PB170246
88-75-5	2-Nitrophenol	3400	U	2	3400	10000	ug/Kg	10/27/25 20:32	PB170246
105-67-9	2,4-Dimethylphenol	3800	U	2	3800	10000	ug/Kg	10/27/25 20:32	PB170246
111-91-1	bis(2-Chloroethoxy)methane	1800	U	2	1800	10000	ug/Kg	10/27/25 20:32	PB170246
120-83-2	2,4-Dichlorophenol	1700	U	2	1700	10000	ug/Kg	10/27/25 20:32	PB170246
91-20-3	Naphthalene	52400		2	1300	10000	ug/Kg	10/27/25 20:32	PB170246
106-47-8	4-Chloroaniline	2100	U	2	2100	10000	ug/Kg	10/27/25 20:32	PB170246
87-68-3	Hexachlorobutadiene	1500	U	2	1500	10000	ug/Kg	10/27/25 20:32	PB170246
105-60-2	Caprolactam	3100	U	2	3100	19400	ug/Kg	10/27/25 20:32	PB170246
59-50-7	4-Chloro-3-methylphenol	1700	U	2	1700	10000	ug/Kg	10/27/25 20:32	PB170246
91-57-6	2-Methylnaphthalene	179000	E	2	1500	10000	ug/Kg	10/27/25 20:32	PB170246
77-47-4	Hexachlorocyclopentadiene	6800	U	2	6800	19400	ug/Kg	10/27/25 20:32	PB170246
88-06-2	2,4,6-Trichlorophenol	1200	U	2	1200	10000	ug/Kg	10/27/25 20:32	PB170246
95-95-4	2,4,5-Trichlorophenol	1700	U	2	1700	10000	ug/Kg	10/27/25 20:32	PB170246
92-52-4	1,1-Biphenyl	13200		2	1300	10000	ug/Kg	10/27/25 20:32	PB170246
91-58-7	2-Chloronaphthalene	1300	U	2	1300	10000	ug/Kg	10/27/25 20:32	PB170246
88-74-4	2-Nitroaniline	2800	U	2	2800	10000	ug/Kg	10/27/25 20:32	PB170246
131-11-3	Dimethylphthalate	1600	U	2	1600	10000	ug/Kg	10/27/25 20:32	PB170246
208-96-8	Acenaphthylene	1700	U	2	1700	10000	ug/Kg	10/27/25 20:32	PB170246
606-20-2	2,6-Dinitrotoluene	2000	U	2	2000	10000	ug/Kg	10/27/25 20:32	PB170246
99-09-2	3-Nitroaniline	2700	U	2	2700	10000	ug/Kg	10/27/25 20:32	PB170246
83-32-9	Acenaphthene	10100		2	1300	10000	ug/Kg	10/27/25 20:32	PB170246
51-28-5	2,4-Dinitrophenol	13500	U	2	13500	19400	ug/Kg	10/27/25 20:32	PB170246
100-02-7	4-Nitrophenol	6300	U	2	6300	19400	ug/Kg	10/27/25 20:32	PB170246
132-64-9	Dibenzofuran	1300	U	2	1300	10000	ug/Kg	10/27/25 20:32	PB170246
121-14-2	2,4-Dinitrotoluene	2900	U	2	2900	10000	ug/Kg	10/27/25 20:32	PB170246
84-66-2	Diethylphthalate	1700	U	2	1700	10000	ug/Kg	10/27/25 20:32	PB170246
7005-72-3	4-Chlorophenyl-phenylether	1600	U	2	1600	10000	ug/Kg	10/27/25 20:32	PB170246
86-73-7	Fluorene	27500		2	1500	10000	ug/Kg	10/27/25 20:32	PB170246
100-01-6	4-Nitroaniline	3800	U	2	3800	10000	ug/Kg	10/27/25 20:32	PB170246
534-52-1	4,6-Dinitro-2-methylphenol	6100	U	2	6100	19400	ug/Kg	10/27/25 20:32	PB170246

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Lab Sample ID:	Q3447-01		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	100
Sample Wt/Vol:	1.02 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1900	U	2	1900	10000	ug/Kg	10/27/25 20:32	PB170246
101-55-3	4-Bromophenyl-phenylether	1600	U	2	1600	10000	ug/Kg	10/27/25 20:32	PB170246
118-74-1	Hexachlorobenzene	1500	U	2	1500	10000	ug/Kg	10/27/25 20:32	PB170246
1912-24-9	Atrazine	2000	U	2	2000	10000	ug/Kg	10/27/25 20:32	PB170246
87-86-5	Pentachlorophenol	3000	U	2	3000	19400	ug/Kg	10/27/25 20:32	PB170246
85-01-8	Phenanthrene	124000		2	1200	10000	ug/Kg	10/27/25 20:32	PB170246
120-12-7	Anthracene	18900		2	2000	10000	ug/Kg	10/27/25 20:32	PB170246
86-74-8	Carbazole	1800	U	2	1800	10000	ug/Kg	10/27/25 20:32	PB170246
84-74-2	Di-n-butylphthalate	2800	U	2	2800	10000	ug/Kg	10/27/25 20:32	PB170246
206-44-0	Fluoranthene	17200		2	1800	10000	ug/Kg	10/27/25 20:32	PB170246
129-00-0	Pyrene	82700		2	2100	10000	ug/Kg	10/27/25 20:32	PB170246
85-68-7	Butylbenzylphthalate	4200	U	2	4200	10000	ug/Kg	10/27/25 20:32	PB170246
91-94-1	3,3-Dichlorobenzidine	2200	U	2	2200	19400	ug/Kg	10/27/25 20:32	PB170246
56-55-3	Benzo(a)anthracene	19400		2	1400	10000	ug/Kg	10/27/25 20:32	PB170246
218-01-9	Chrysene	25400		2	1200	10000	ug/Kg	10/27/25 20:32	PB170246
117-81-7	Bis(2-ethylhexyl)phthalate	3500	U	2	3500	10000	ug/Kg	10/27/25 20:32	PB170246
117-84-0	Di-n-octyl phthalate	5100	U	2	5100	19400	ug/Kg	10/27/25 20:32	PB170246
205-99-2	Benzo(b)fluoranthene	1100	U	2	1100	10000	ug/Kg	10/27/25 20:32	PB170246
207-08-9	Benzo(k)fluoranthene	1300	U	2	1300	10000	ug/Kg	10/27/25 20:32	PB170246
50-32-8	Benzo(a)pyrene	12300		2	1700	10000	ug/Kg	10/27/25 20:32	PB170246
193-39-5	Indeno(1,2,3-cd)pyrene	1700	U	2	1700	10000	ug/Kg	10/27/25 20:32	PB170246
53-70-3	Dibenzo(a,h)anthracene	1600	U	2	1600	10000	ug/Kg	10/27/25 20:32	PB170246
191-24-2	Benzo(g,h,i)perylene	8900	J	2	1500	10000	ug/Kg	10/27/25 20:32	PB170246
95-94-3	1,2,4,5-Tetrachlorobenzene	1500	U	2	1500	10000	ug/Kg	10/27/25 20:32	PB170246
123-91-1	1,4-Dioxane	2700	U	2	2700	10000	ug/Kg	10/27/25 20:32	PB170246
58-90-2	2,3,4,6-Tetrachlorophenol	1600	U	2	1600	10000	ug/Kg	10/27/25 20:32	PB170246

SURROGATES

367-12-4	2-Fluorophenol	50.3		18 - 112	34%	SPK: 150
13127-88-3	Phenol-d6	52.9		15 - 107	35%	SPK: 150
4165-60-0	Nitrobenzene-d5	38.5		18 - 107	39%	SPK: 100
321-60-8	2-Fluorobiphenyl	39.5		20 - 109	39%	SPK: 100
118-79-6	2,4,6-Tribromophenol	41.9		10 - 116	28%	SPK: 150
1718-51-0	Terphenyl-d14	34.2		10 - 105	34%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	49800
1146-65-2	Naphthalene-d8	159000
15067-26-2	Acenaphthene-d10	80700
1517-22-2	Phenanthrene-d10	134000
1719-03-5	Chrysene-d12	129000
1520-96-3	Perylene-d12	99500

TENTATIVE IDENTIFIED COMPOUNDS

90-12-0	1-Methylnaphthalene	115000	J	8.97	ug/Kg
001127-76-0	Naphthalene, 1-ethyl-	48600	J	9.44	ug/Kg

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	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	1.02 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000582-16-1	Naphthalene, 2,7-dimethyl-	77800	J			9.50	ug/Kg		
000571-61-9	Naphthalene, 1,5-dimethyl-	70000	J			9.58	ug/Kg		
000544-76-3	Hexadecane	51400	J			9.85	ug/Kg		
000829-26-5	Naphthalene, 2,3,6-trimethyl-	53800	J			10.0	ug/Kg		
002131-42-2	Naphthalene, 1,4,6-trimethyl-	50300	J			10.1	ug/Kg		
002245-38-7	Naphthalene, 1,6,7-trimethyl-	104000	J			10.3	ug/Kg		
000593-45-3	Octadecane	152000	J			11.3	ug/Kg		
000629-92-5	Nonadecane	126000	J			11.7	ug/Kg		
000832-69-9	Phenanthrene, 1-methyl-	123000	J			11.9	ug/Kg		
002531-84-2	Phenanthrene, 2-methyl-	150000	J			12.0	ug/Kg		
000613-12-7	Anthracene, 2-methyl-	69300	J			12.0	ug/Kg		
000112-95-8	Eicosane	168000	J			12.1	ug/Kg		
003674-65-5	Phenanthrene, 2,3-dimethyl-	150000	J			12.5	ug/Kg		
000629-94-7	Heneicosane	252000	J			12.5	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