Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	10/08/25
Project:	RFP 918	Date Received:	10/09/25
Client Sample ID:	P001-DS-01	SDG No.:	Q3321
Lab Sample ID:	Q3321-01	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	78.4
Sample Wt/Vol:	30.02 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	200	U	1	200	420	ug/Kg	10/10/25 15:51	PB170055
108-95-2	Phenol	28.2	U	1	28.2	220	ug/Kg	10/10/25 15:51	PB170055
111-44-4	bis(2-Chloroethyl)ether	31.0	U	1	31.0	220	ug/Kg	10/10/25 15:51	PB170055
95-57-8	2-Chlorophenol	31.1	U	1	31.1	220	ug/Kg	10/10/25 15:51	PB170055
95-48-7	2-Methylphenol	38.1	U	1	38.1	220	ug/Kg	10/10/25 15:51	PB170055
108-60-1	2,2-oxybis(1-Chloropropane)	47.8	U	1	47.8	220	ug/Kg	10/10/25 15:51	PB170055
98-86-2	Acetophenone	37.6	U	1	37.6	220	ug/Kg	10/10/25 15:51	PB170055
65794-96-9	3+4-Methylphenols	52.4	U	1	52.4	420	ug/Kg	10/10/25 15:51	PB170055
621-64-7	n-Nitroso-di-n-propylamine	60.4	U	1	60.4	100	ug/Kg	10/10/25 15:51	PB170055
67-72-1	Hexachloroethane	22.4	U	1	22.4	220	ug/Kg	10/10/25 15:51	PB170055
98-95-3	Nitrobenzene	23.3	U	1	23.3	220	ug/Kg	10/10/25 15:51	PB170055
78-59-1	Isophorone	41.8	U	1	41.8	220	ug/Kg	10/10/25 15:51	PB170055
88-75-5	2-Nitrophenol	74.2	U	1	74.2	220	ug/Kg	10/10/25 15:51	PB170055
105-67-9	2,4-Dimethylphenol	82.6	U	1	82.6	220	ug/Kg	10/10/25 15:51	PB170055
111-91-1	bis(2-Chloroethoxy)methane	39.3	U	1	39.3	220	ug/Kg	10/10/25 15:51	PB170055
120-83-2	2,4-Dichlorophenol	36.1	U	1	36.1	220	ug/Kg	10/10/25 15:51	PB170055
91-20-3	Naphthalene	28.9	U	1	28.9	220	ug/Kg	10/10/25 15:51	PB170055
106-47-8	4-Chloroaniline	45.1	U	1	45.1	220	ug/Kg	10/10/25 15:51	PB170055
87-68-3	Hexachlorobutadiene	32.2	U	1	32.2	220	ug/Kg	10/10/25 15:51	PB170055
105-60-2	Caprolactam	66.4	U	1	66.4	420	ug/Kg	10/10/25 15:51	PB170055
59-50-7	4-Chloro-3-methylphenol	36.6	U	1	36.6	220	ug/Kg	10/10/25 15:51	PB170055
91-57-6	2-Methylnaphthalene	32.6	U	1	32.6	220	ug/Kg	10/10/25 15:51	PB170055
77-47-4	Hexachlorocyclopentadiene	150	U	1	150	420	ug/Kg	10/10/25 15:51	PB170055
88-06-2	2,4,6-Trichlorophenol	25.2	U	1	25.2	220	ug/Kg	10/10/25 15:51	PB170055
95-95-4	2,4,5-Trichlorophenol	37.1	U	1	37.1	220	ug/Kg	10/10/25 15:51	PB170055
92-52-4	1,1-Biphenyl	27.8	U	1	27.8	220	ug/Kg	10/10/25 15:51	PB170055
91-58-7	2-Chloronaphthalene	28.7	U	1	28.7	220	ug/Kg	10/10/25 15:51	PB170055
88-74-4	2-Nitroaniline	61.3	U	1	61.3	220	ug/Kg	10/10/25 15:51	PB170055
131-11-3	Dimethylphthalate	34.5	U	1	34.5	220	ug/Kg	10/10/25 15:51	PB170055
208-96-8	Acenaphthylene	36.8	U	1	36.8	220	ug/Kg	10/10/25 15:51	PB170055
606-20-2	2,6-Dinitrotoluene	42.8	U	1	42.8	220	ug/Kg	10/10/25 15:51	PB170055
99-09-2	3-Nitroaniline	58.6	U	1	58.6	220	ug/Kg	10/10/25 15:51	PB170055
83-32-9	Acenaphthene	27.2	U	1	27.2	220	ug/Kg	10/10/25 15:51	PB170055
51-28-5	2,4-Dinitrophenol	290	U	1	290	420	ug/Kg	10/10/25 15:51	PB170055
100-02-7	4-Nitrophenol	140	U	1	140	420	ug/Kg	10/10/25 15:51	PB170055
132-64-9	Dibenzofuran	28.9	U	1	28.9	220	ug/Kg	10/10/25 15:51	PB170055
121-14-2	2,4-Dinitrotoluene	63.9	U	1	63.9	220	ug/Kg	10/10/25 15:51	PB170055
84-66-2	Diethylphthalate	36.1	U	1	36.1	220	ug/Kg	10/10/25 15:51	PB170055
7005-72-3	4-Chlorophenyl-phenylether	34.0	U	1	34.0	220	ug/Kg	10/10/25 15:51	PB170055
86-73-7	Fluorene	32.2	U	1	32.2	220	ug/Kg	10/10/25 15:51	PB170055
100-01-6	4-Nitroaniline	81.8	U	1	81.8	220	ug/Kg	10/10/25 15:51	PB170055
534-52-1	4,6-Dinitro-2-methylphenol	130	U	1	130	420	ug/Kg	10/10/25 15:51	PB170055

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Lab Sample ID:	Q3321-01	Matrix:	SOIL
Analytical Method:	8270E Level : LOW	% Solid:	78.4
Sample Wt/Vol:	30.02 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541 Prep Date: 10/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	41.9	U	1	41.9	220	ug/Kg	10/10/25 15:51	PB170055
101-55-3	4-Bromophenyl-phenylether	35.4	U	1	35.4	220	ug/Kg	10/10/25 15:51	PB170055
118-74-1	Hexachlorobenzene	32.2	U	1	32.2	220	ug/Kg	10/10/25 15:51	PB170055
1912-24-9	Atrazine	43.3	U	1	43.3	220	ug/Kg	10/10/25 15:51	PB170055
87-86-5	Pentachlorophenol	65.4	U	1	65.4	420	ug/Kg	10/10/25 15:51	PB170055
85-01-8	Phenanthrene	710		1	26.6	220	ug/Kg	10/10/25 15:51	PB170055
120-12-7	Anthracene	180	J	1	42.4	220	ug/Kg	10/10/25 15:51	PB170055
86-74-8	Carbazole	93.8	J	1	39.8	220	ug/Kg	10/10/25 15:51	PB170055
84-74-2	Di-n-butylphthalate	61.1	U	1	61.1	220	ug/Kg	10/10/25 15:51	PB170055
206-44-0	Fluoranthene	1500		1	38.2	220	ug/Kg	10/10/25 15:51	PB170055
129-00-0	Pyrene	970		1	45.9	220	ug/Kg	10/10/25 15:51	PB170055
85-68-7	Butylbenzylphthalate	91.0	U	1	91.0	220	ug/Kg	10/10/25 15:51	PB170055
91-94-1	3,3-Dichlorobenzidine	46.8	U	1	46.8	420	ug/Kg	10/10/25 15:51	PB170055
56-55-3	Benzo(a)anthracene	860		1	29.3	220	ug/Kg	10/10/25 15:51	PB170055
218-01-9	Chrysene	770		1	25.4	220	ug/Kg	10/10/25 15:51	PB170055
117-81-7	Bis(2-ethylhexyl)phthalate	530		1	75.5	220	ug/Kg	10/10/25 15:51	PB170055
117-84-0	Di-n-octyl phthalate	110	U	1	110	420	ug/Kg	10/10/25 15:51	PB170055
205-99-2	Benzo(b)fluoranthene	1300		1	24.2	220	ug/Kg	10/10/25 15:51	PB170055
207-08-9	Benzo(k)fluoranthene	490		1	28.6	220	ug/Kg	10/10/25 15:51	PB170055
50-32-8	Benzo(a)pyrene	900		1	37.6	220	ug/Kg	10/10/25 15:51	PB170055
193-39-5	Indeno(1,2,3-cd)pyrene	430		1	37.1	220	ug/Kg	10/10/25 15:51	PB170055
53-70-3	Dibenzo(a,h)anthracene	120	J	1	34.9	220	ug/Kg	10/10/25 15:51	PB170055
191-24-2	Benzo(g,h,i)perylene	490		1	32.8	220	ug/Kg	10/10/25 15:51	PB170055
95-94-3	1,2,4,5-Tetrachlorobenzene	32.6	U	1	32.6	220	ug/Kg	10/10/25 15:51	PB170055
123-91-1	1,4-Dioxane	57.6	U	1	57.6	220	ug/Kg	10/10/25 15:51	PB170055
58-90-2	2,3,4,6-Tetrachlorophenol	34.9	U	1	34.9	220	ug/Kg	10/10/25 15:51	PB170055
SURROGATES									
367-12-4	2-Fluorophenol	74.7			18 - 112	50%	SPK: 150		
13127-88-3	Phenol-d6	71.7			15 - 107	48%	SPK: 150		
4165-60-0	Nitrobenzene-d5	51.7			18 - 107	52%	SPK: 100		
321-60-8	2-Fluorobiphenyl	43.9			20 - 109	44%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	61.7			10 - 116	41%	SPK: 150		
1718-51-0	Terphenyl-d14	30.6			10 - 105	31%	SPK: 100		
INTERNAL STANDARDS		**Area**							
3855-82-1	1,4-Dichlorobenzene-d4	108000							
1146-65-2	Naphthalene-d8	404000							
15067-26-2	Acenaphthene-d10	208000							
1517-22-2	Phenanthrene-d10	322000							
1719-03-5	Chrysene-d12	292000							
1520-96-3	Perylene-d12	281000							
TENTATIVE IDENTIFIED COMPOUNDS									
000106-26-3	Neral	94.3	J			8.42	ug/Kg		
000141-27-5	2,6-Octadienal, 3,7-dimethyl-, (E)	160	J			8.59	ug/Kg		

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000119-61-9	Benzophenone	240	J			10.6	ug/Kg		
000057-10-3	n-Hexadecanoic acid	750	J			11.9	ug/Kg		
000057-11-4	Octadecanoic acid	210	J			12.7	ug/Kg		
000192-97-2	Benzo[e]pyrene	490	J			15.4	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