

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	02/24/25
Project:	RFP 905	Date Received:	02/24/25
Client Sample ID:	P001-CLAY-CF01-02	SDG No.:	Q1421
Lab Sample ID:	Q1421-07	Matrix:	SOIL
Analytical Method:	SW8270	% Solid:	75.2
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
BF141764.D	1	02/25/25 09:30	02/25/25 15:06	PB166853

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	240	U	240	440	ug/Kg
108-95-2	Phenol	110	J	110	230	ug/Kg
111-44-4	bis(2-Chloroethyl)ether	110	U	110	230	ug/Kg
95-57-8	2-Chlorophenol	110	U	110	230	ug/Kg
95-48-7	2-Methylphenol	110	U	110	230	ug/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	120	U	120	230	ug/Kg
98-86-2	Acetophenone	120	U	120	230	ug/Kg
65794-96-9	3+4-Methylphenols	110	U	110	440	ug/Kg
621-64-7	n-Nitroso-di-n-propylamine	53.6	U	53.6	110	ug/Kg
67-72-1	Hexachloroethane	110	U	110	230	ug/Kg
98-95-3	Nitrobenzene	120	U	120	230	ug/Kg
78-59-1	Isophorone	110	U	110	230	ug/Kg
88-75-5	2-Nitrophenol	130	U	130	230	ug/Kg
105-67-9	2,4-Dimethylphenol	120	U	120	230	ug/Kg
111-91-1	bis(2-Chloroethoxy)methane	110	U	110	230	ug/Kg
120-83-2	2,4-Dichlorophenol	100	U	100	230	ug/Kg
91-20-3	Naphthalene	110	U	110	230	ug/Kg
106-47-8	4-Chloroaniline	110	U	110	230	ug/Kg
87-68-3	Hexachlorobutadiene	110	U	110	230	ug/Kg
105-60-2	Caprolactam	120	U	120	440	ug/Kg
59-50-7	4-Chloro-3-methylphenol	100	U	100	230	ug/Kg
91-57-6	2-Methylnaphthalene	110	U	110	230	ug/Kg
77-47-4	Hexachlorocyclopentadiene	210	U	210	440	ug/Kg
88-06-2	2,4,6-Trichlorophenol	94.9	U	94.9	230	ug/Kg
95-95-4	2,4,5-Trichlorophenol	98.4	U	98.4	230	ug/Kg
92-52-4	1,1-Biphenyl	120	U	120	230	ug/Kg
91-58-7	2-Chloronaphthalene	110	U	110	230	ug/Kg
88-74-4	2-Nitroaniline	130	U	130	230	ug/Kg
131-11-3	Dimethylphthalate	110	U	110	230	ug/Kg

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208-96-8	Acenaphthylene	110	U	110	230	ug/Kg
606-20-2	2,6-Dinitrotoluene	110	U	110	230	ug/Kg
99-09-2	3-Nitroaniline	120	U	120	230	ug/Kg
83-32-9	Acenaphthene	110	U	110	230	ug/Kg
51-28-5	2,4-Dinitrophenol	320	U	320	440	ug/Kg
100-02-7	4-Nitrophenol	150	U	150	440	ug/Kg
132-64-9	Dibenzofuran	110	U	110	230	ug/Kg
121-14-2	2,4-Dinitrotoluene	110	U	110	230	ug/Kg
84-66-2	Diethylphthalate	110	U	110	230	ug/Kg
7005-72-3	4-Chlorophenyl-phenylether	110	U	110	230	ug/Kg
86-73-7	Fluorene	110	U	110	230	ug/Kg
100-01-6	4-Nitroaniline	140	U	140	230	ug/Kg
534-52-1	4,6-Dinitro-2-methylphenol	160	U	160	440	ug/Kg
86-30-6	n-Nitrosodiphenylamine	110	U	110	230	ug/Kg
101-55-3	4-Bromophenyl-phenylether	100	U	100	230	ug/Kg
118-74-1	Hexachlorobenzene	110	U	110	230	ug/Kg
1912-24-9	Atrazine	120	U	120	230	ug/Kg
87-86-5	Pentachlorophenol	100	U	100	440	ug/Kg
85-01-8	Phenanthrene	110	U	110	230	ug/Kg
120-12-7	Anthracene	110	U	110	230	ug/Kg
86-74-8	Carbazole	110	U	110	230	ug/Kg
84-74-2	Di-n-butylphthalate	110	U	110	230	ug/Kg
206-44-0	Fluoranthene	110	U	110	230	ug/Kg
129-00-0	Pyrene	110	U	110	230	ug/Kg
85-68-7	Butylbenzylphthalate	130	UQ	130	230	ug/Kg
91-94-1	3,3-Dichlorobenzidine	130	U	130	440	ug/Kg
56-55-3	Benzo(a)anthracene	110	U	110	230	ug/Kg
218-01-9	Chrysene	110	U	110	230	ug/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	120	U	120	230	ug/Kg
117-84-0	Di-n-octyl phthalate	150	U	150	440	ug/Kg
205-99-2	Benzo(b)fluoranthene	110	U	110	230	ug/Kg

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207-08-9	Benzo(k)fluoranthene	110	U	110	230	ug/Kg
50-32-8	Benzo(a)pyrene	120	U	120	230	ug/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	100	U	100	230	ug/Kg
53-70-3	Dibenzo(a,h)anthracene	110	U	110	230	ug/Kg
191-24-2	Benzo(g,h,i)perylene	110	U	110	230	ug/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	120	U	120	230	ug/Kg
123-91-1	1,4-Dioxane	150	U	150	230	ug/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	99.3	U	99.3	230	ug/Kg

SURROGATES

367-12-4	2-Fluorophenol	135		18 - 112	90%	SPK: 150
13127-88-3	Phenol-d6	133		15 - 107	89%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.8		18 - 107	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	92.8		20 - 109	93%	SPK: 100
118-79-6	2,4,6-Tribromophenol	107		10 - 116	71%	SPK: 150
1718-51-0	Terphenyl-d14	79.4		10 - 105	79%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	71400	6.781
1146-65-2	Naphthalene-d8	281000	8.063
15067-26-2	Acenaphthene-d10	149000	9.816
1517-22-2	Phenanthrene-d10	236000	11.298
1719-03-5	Chrysene-d12	161000	13.939
1520-96-3	Perylene-d12	175000	15.386

TENTATIVE IDENTIFIED COMPOUNDS

000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	140	A	4.99	ug/Kg
001119-40-0	Pentanedioic acid, dimethyl ester	98.8	J	7.61	ug/Kg
000119-61-9	Benzophenone	400	J	10.5	ug/Kg
000057-10-3	n-Hexadecanoic acid	350	J	11.8	ug/Kg
000544-63-8	Tetradecanoic acid	170	J	12.6	ug/Kg
1010351-87-0	Heptadecyl trifluoroacetate	360	J	13.8	ug/Kg
000301-02-0	9-Octadecenamide, (Z)-	160	J	14.7	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