

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:	SW8260		% Solid:	75.2	
Sample Wt/Vol:	5.43	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOC-TCLVOA-10	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021359.D	1		02/27/25 15:35	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	2.00	U	2.00	6.10	ug/Kg
74-87-3	Chloromethane	1.40	U	1.40	6.10	ug/Kg
75-01-4	Vinyl Chloride	0.94	U	0.94	6.10	ug/Kg
74-83-9	Bromomethane	1.30	U	1.30	6.10	ug/Kg
75-00-3	Chloroethane	1.20	U	1.20	6.10	ug/Kg
75-69-4	Trichlorofluoromethane	1.10	U	1.10	6.10	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1.30	6.10	ug/Kg
75-35-4	1,1-Dichloroethene	0.96	U	0.96	6.10	ug/Kg
67-64-1	Acetone	35.2		7.60	30.6	ug/Kg
75-15-0	Carbon Disulfide	1.60	U	1.60	6.10	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.82	U	0.82	6.10	ug/Kg
79-20-9	Methyl Acetate	2.20	U	2.20	6.10	ug/Kg
75-09-2	Methylene Chloride	4.20	U	4.20	12.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.00	U	1.00	6.10	ug/Kg
75-34-3	1,1-Dichloroethane	0.77	U	0.77	6.10	ug/Kg
110-82-7	Cyclohexane	0.84	U	0.84	6.10	ug/Kg
78-93-3	2-Butanone	7.00	U	7.00	30.6	ug/Kg
56-23-5	Carbon Tetrachloride	1.10	U	1.10	6.10	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	6.10	ug/Kg
74-97-5	Bromochloromethane	3.00	U	3.00	6.10	ug/Kg
67-66-3	Chloroform	0.82	U	0.82	6.10	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.96	U	0.96	6.10	ug/Kg
108-87-2	Methylcyclohexane	1.10	U	1.10	6.10	ug/Kg
71-43-2	Benzene	0.88	U	0.88	6.10	ug/Kg
107-06-2	1,2-Dichloroethane	0.75	U	0.75	6.10	ug/Kg
79-01-6	Trichloroethene	0.92	U	0.92	6.10	ug/Kg
78-87-5	1,2-Dichloropropane	0.81	U	0.81	6.10	ug/Kg
75-27-4	Bromodichloromethane	0.69	U	0.69	6.10	ug/Kg
108-10-1	4-Methyl-2-Pentanone	5.30	U	5.30	30.6	ug/Kg
108-88-3	Toluene	0.82	U	0.82	6.10	ug/Kg

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10061-02-6	t-1,3-Dichloropropene	0.73	U	0.73	6.10	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.70	U	0.70	6.10	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.00	U	1.00	6.10	ug/Kg
591-78-6	2-Hexanone	5.90	U	5.90	30.6	ug/Kg
124-48-1	Dibromochloromethane	0.80	U	0.80	6.10	ug/Kg
106-93-4	1,2-Dibromoethane	0.97	U	0.97	6.10	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	6.10	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	6.10	ug/Kg
100-41-4	Ethyl Benzene	0.76	U	0.76	6.10	ug/Kg
179601-23-1	m/p-Xylenes	1.70	U	1.70	12.2	ug/Kg
95-47-6	o-Xylene	0.86	U	0.86	6.10	ug/Kg
100-42-5	Styrene	0.73	U	0.73	6.10	ug/Kg
75-25-2	Bromoform	0.99	U	0.99	6.10	ug/Kg
98-82-8	Isopropylbenzene	0.82	U	0.82	6.10	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.30	U	1.30	6.10	ug/Kg
541-73-1	1,3-Dichlorobenzene	0.91	U	0.91	6.10	ug/Kg
106-46-7	1,4-Dichlorobenzene	0.98	U	0.98	6.10	ug/Kg
95-50-1	1,2-Dichlorobenzene	0.72	U	0.72	6.10	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.90	U	1.90	6.10	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	0.97	U	0.97	6.10	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	0.96	U	0.96	6.10	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	56.6		63 - 155	113%	SPK: 50
1868-53-7	Dibromofluoromethane	54.5		70 - 134	109%	SPK: 50
2037-26-5	Toluene-d8	46.5		74 - 123	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	38.7		38 - 136	77%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	68500	7.707			
540-36-3	1,4-Difluorobenzene	116000	8.616			
3114-55-4	Chlorobenzene-d5	100000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	36600	13.346			

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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