

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-CF01-01MS		SDG No.:	Q1421	
Lab Sample ID:	Q1421-02MS		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	70.3	
Sample Wt/Vol:	5.39	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
VY021371.D	1		02/27/25 20:15	VY022725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	68.0		2.20	6.60	ug/Kg
74-87-3	Chloromethane	68.1		1.50	6.60	ug/Kg
75-01-4	Vinyl Chloride	72.9		1.00	6.60	ug/Kg
74-83-9	Bromomethane	72.8		1.40	6.60	ug/Kg
75-00-3	Chloroethane	77.8		1.30	6.60	ug/Kg
75-69-4	Trichlorofluoromethane	71.3		1.20	6.60	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	65.9		1.40	6.60	ug/Kg
75-35-4	1,1-Dichloroethene	68.6		1.00	6.60	ug/Kg
67-64-1	Acetone	290		8.20	33.0	ug/Kg
75-15-0	Carbon Disulfide	64.5		1.70	6.60	ug/Kg
1634-04-4	Methyl tert-butyl Ether	70.1		0.88	6.60	ug/Kg
79-20-9	Methyl Acetate	85.9		2.40	6.60	ug/Kg
75-09-2	Methylene Chloride	76.7		4.50	13.2	ug/Kg
156-60-5	trans-1,2-Dichloroethene	68.3		1.10	6.60	ug/Kg
75-34-3	1,1-Dichloroethane	70.4		0.83	6.60	ug/Kg
110-82-7	Cyclohexane	55.3		0.91	6.60	ug/Kg
78-93-3	2-Butanone	290		7.50	33.0	ug/Kg
56-23-5	Carbon Tetrachloride	61.1		1.10	6.60	ug/Kg
156-59-2	cis-1,2-Dichloroethene	69.1		0.80	6.60	ug/Kg
74-97-5	Bromochloromethane	56.9		3.20	6.60	ug/Kg
67-66-3	Chloroform	72.4		0.88	6.60	ug/Kg
71-55-6	1,1,1-Trichloroethane	68.1		1.00	6.60	ug/Kg
108-87-2	Methylcyclohexane	46.6		1.10	6.60	ug/Kg
71-43-2	Benzene	65.5		0.95	6.60	ug/Kg
107-06-2	1,2-Dichloroethane	66.6		0.80	6.60	ug/Kg
79-01-6	Trichloroethene	60.4		0.99	6.60	ug/Kg
78-87-5	1,2-Dichloropropane	65.0		0.87	6.60	ug/Kg
75-27-4	Bromodichloromethane	65.2		0.74	6.60	ug/Kg
108-10-1	4-Methyl-2-Pentanone	280		5.70	33.0	ug/Kg
108-88-3	Toluene	59.7		0.88	6.60	ug/Kg

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10061-02-6	t-1,3-Dichloropropene	58.6		0.79	6.60	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	59.8		0.75	6.60	ug/Kg
79-00-5	1,1,2-Trichloroethane	61.4		1.10	6.60	ug/Kg
591-78-6	2-Hexanone	270		6.30	33.0	ug/Kg
124-48-1	Dibromochloromethane	60.2		0.86	6.60	ug/Kg
106-93-4	1,2-Dibromoethane	58.2		1.00	6.60	ug/Kg
127-18-4	Tetrachloroethene	64.3		1.20	6.60	ug/Kg
108-90-7	Chlorobenzene	61.6		0.98	6.60	ug/Kg
100-41-4	Ethyl Benzene	63.6		0.82	6.60	ug/Kg
179601-23-1	m/p-Xylenes	120		1.80	13.2	ug/Kg
95-47-6	o-Xylene	62.1		0.92	6.60	ug/Kg
100-42-5	Styrene	47.1		0.79	6.60	ug/Kg
75-25-2	Bromoform	64.7		1.10	6.60	ug/Kg
98-82-8	Isopropylbenzene	97.3		0.88	6.60	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	110		1.50	6.60	ug/Kg
541-73-1	1,3-Dichlorobenzene	56.2		0.98	6.60	ug/Kg
106-46-7	1,4-Dichlorobenzene	56.5		1.10	6.60	ug/Kg
95-50-1	1,2-Dichlorobenzene	57.0		0.78	6.60	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	89.4		2.10	6.60	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	18.3		1.00	6.60	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	17.6		1.00	6.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.3		63 - 155	97%	SPK: 50
1868-53-7	Dibromofluoromethane	48.6		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	42.2		74 - 123	84%	SPK: 50
460-00-4	4-Bromofluorobenzene	27.5		38 - 136	55%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	141000	7.707			
540-36-3	1,4-Difluorobenzene	230000	8.616			
3114-55-4	Chlorobenzene-d5	163000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	46500	13.347			

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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