

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-CF01-01MSD	SDG No.:	Q1421
Lab Sample ID:	Q1421-06MSD	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	SPLP VOA
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VN085877.D	1		02/26/25 17:33	VN022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	42.2		0.21	5.00	ug/L
74-87-3	Chloromethane	43.7		0.35	5.00	ug/L
75-01-4	Vinyl Chloride	43.7		0.34	5.00	ug/L
74-83-9	Bromomethane	43.1		1.40	5.00	ug/L
75-00-3	Chloroethane	42.5		0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	43.0		0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	43.2		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	45.4		0.26	5.00	ug/L
67-64-1	Acetone	280		1.40	25.0	ug/L
75-15-0	Carbon Disulfide	39.4		0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	54.4		0.16	5.00	ug/L
79-20-9	Methyl Acetate	51.6		0.60	5.00	ug/L
75-09-2	Methylene Chloride	49.3		0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	44.8		0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	47.7		0.23	5.00	ug/L
110-82-7	Cyclohexane	40.3		1.60	5.00	ug/L
78-93-3	2-Butanone	270		1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	44.4		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	48.2		0.25	5.00	ug/L
74-97-5	Bromochloromethane	53.3		0.18	5.00	ug/L
67-66-3	Chloroform	48.0		0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	45.3		0.19	5.00	ug/L
108-87-2	Methylcyclohexane	44.8		0.19	5.00	ug/L
71-43-2	Benzene	47.7		0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	46.8		0.24	5.00	ug/L
79-01-6	Trichloroethene	45.1		0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	49.9		0.19	5.00	ug/L
75-27-4	Bromodichloromethane	48.7		0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	280		0.75	25.0	ug/L
108-88-3	Toluene	50.1		0.18	5.00	ug/L

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10061-02-6	t-1,3-Dichloropropene	51.9		0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	50.5		0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	50.8		0.21	5.00	ug/L
591-78-6	2-Hexanone	290		1.10	25.0	ug/L
124-48-1	Dibromochloromethane	52.4		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	52.0		0.16	5.00	ug/L
127-18-4	Tetrachloroethene	47.4		0.25	5.00	ug/L
108-90-7	Chlorobenzene	47.0		0.13	5.00	ug/L
100-41-4	Ethyl Benzene	49.9		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	100		0.31	10.0	ug/L
95-47-6	o-Xylene	52.4		0.14	5.00	ug/L
100-42-5	Styrene	49.0		0.16	5.00	ug/L
75-25-2	Bromoform	52.5		0.21	5.00	ug/L
98-82-8	Isopropylbenzene	48.9		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	47.9		0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	46.1		0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	45.0		0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	47.0		0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	46.2		0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	48.1		0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	46.9		0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.8		74 - 125	96%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		75 - 124	103%	SPK: 50
2037-26-5	Toluene-d8	50.5		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	53.7		77 - 121	107%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	275000	8.224			
540-36-3	1,4-Difluorobenzene	457000	9.1			
3114-55-4	Chlorobenzene-d5	401000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	197000	13.788			

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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