

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:	Q1421-05MS		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
VN085876.D	1		02/26/25 17:09	VN022625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	40.8		0.21	5.00	ug/L
74-87-3	Chloromethane	41.8		0.35	5.00	ug/L
75-01-4	Vinyl Chloride	42.2		0.34	5.00	ug/L
74-83-9	Bromomethane	40.5		1.40	5.00	ug/L
75-00-3	Chloroethane	41.2		0.56	5.00	ug/L
75-69-4	Trichlorofluoromethane	41.2		0.34	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	42.0		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	44.6		0.26	5.00	ug/L
67-64-1	Acetone	280		1.40	25.0	ug/L
75-15-0	Carbon Disulfide	37.5		0.32	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	50.9		0.16	5.00	ug/L
79-20-9	Methyl Acetate	50.0		0.60	5.00	ug/L
75-09-2	Methylene Chloride	47.9		0.32	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	42.9		0.25	5.00	ug/L
75-34-3	1,1-Dichloroethane	45.7		0.23	5.00	ug/L
110-82-7	Cyclohexane	38.3		1.60	5.00	ug/L
78-93-3	2-Butanone	260		1.30	25.0	ug/L
56-23-5	Carbon Tetrachloride	42.7		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	46.3		0.25	5.00	ug/L
74-97-5	Bromochloromethane	53.0		0.18	5.00	ug/L
67-66-3	Chloroform	45.9		0.26	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	43.2		0.19	5.00	ug/L
108-87-2	Methylcyclohexane	41.8		0.19	5.00	ug/L
71-43-2	Benzene	45.6		0.16	5.00	ug/L
107-06-2	1,2-Dichloroethane	44.8		0.24	5.00	ug/L
79-01-6	Trichloroethene	42.0		0.32	5.00	ug/L
78-87-5	1,2-Dichloropropane	47.8		0.19	5.00	ug/L
75-27-4	Bromodichloromethane	46.4		0.24	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	270		0.75	25.0	ug/L
108-88-3	Toluene	47.8		0.18	5.00	ug/L

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10061-02-6	t-1,3-Dichloropropene	48.7		0.21	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	48.7		0.18	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	48.4		0.21	5.00	ug/L
591-78-6	2-Hexanone	280		1.10	25.0	ug/L
124-48-1	Dibromochloromethane	49.8		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	49.2		0.16	5.00	ug/L
127-18-4	Tetrachloroethene	44.8		0.25	5.00	ug/L
108-90-7	Chlorobenzene	44.6		0.13	5.00	ug/L
100-41-4	Ethyl Benzene	47.0		0.16	5.00	ug/L
179601-23-1	m/p-Xylenes	99.2		0.31	10.0	ug/L
95-47-6	o-Xylene	49.4		0.14	5.00	ug/L
100-42-5	Styrene	46.4		0.16	5.00	ug/L
75-25-2	Bromoform	50.2		0.21	5.00	ug/L
98-82-8	Isopropylbenzene	45.4		0.13	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	45.2		0.27	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	43.4		0.24	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	42.1		0.27	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	44.2		0.19	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	44.1		0.46	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	43.2		0.42	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	42.8		0.51	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.4		74 - 125	93%	SPK: 50
1868-53-7	Dibromofluoromethane	48.5		75 - 124	97%	SPK: 50
2037-26-5	Toluene-d8	47.9		86 - 113	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.9		77 - 121	104%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	268000	8.224			
540-36-3	1,4-Difluorobenzene	447000	9.1			
3114-55-4	Chlorobenzene-d5	395000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	198000	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