

Report of Analysis

Client:	Weston Solutions, Inc.	Date Collected:	03/26/25
Project:	RFP 905	Date Received:	03/27/25
Client Sample ID:	P001-BBDGA-001-01MSD	SDG No.:	Q1664
Lab Sample ID:	Q1664-06MSD	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
VN086164.D	1		03/28/25 20:42	VN032825

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-71-8	Dichlorodifluoromethane	45.5		0.22	5.00	ug/L
74-87-3	Chloromethane	47.5		0.32	5.00	ug/L
75-01-4	Vinyl Chloride	48.2		0.26	5.00	ug/L
74-83-9	Bromomethane	43.9		1.40	5.00	ug/L
75-00-3	Chloroethane	40.5		0.47	5.00	ug/L
75-69-4	Trichlorofluoromethane	39.6		0.33	5.00	ug/L
76-13-1	1,1,2-Trichlorotrifluoroethane	50.6		0.25	5.00	ug/L
75-35-4	1,1-Dichloroethene	53.6		0.23	5.00	ug/L
67-64-1	Acetone	290		1.50	25.0	ug/L
75-15-0	Carbon Disulfide	44.0		0.21	5.00	ug/L
1634-04-4	Methyl tert-butyl Ether	52.5		0.16	5.00	ug/L
79-20-9	Methyl Acetate	63.4		0.27	5.00	ug/L
75-09-2	Methylene Chloride	54.9		0.28	5.00	ug/L
156-60-5	trans-1,2-Dichloroethene	52.0		0.23	5.00	ug/L
75-34-3	1,1-Dichloroethane	52.4		0.23	5.00	ug/L
110-82-7	Cyclohexane	51.9		1.50	5.00	ug/L
78-93-3	2-Butanone	270		0.98	25.0	ug/L
56-23-5	Carbon Tetrachloride	49.3		0.25	5.00	ug/L
156-59-2	cis-1,2-Dichloroethene	54.2		0.19	5.00	ug/L
74-97-5	Bromochloromethane	55.4		0.22	5.00	ug/L
67-66-3	Chloroform	51.6		0.25	5.00	ug/L
71-55-6	1,1,1-Trichloroethane	49.7		0.20	5.00	ug/L
108-87-2	Methylcyclohexane	53.8		0.16	5.00	ug/L
71-43-2	Benzene	53.8		0.15	5.00	ug/L
107-06-2	1,2-Dichloroethane	48.7		0.22	5.00	ug/L
79-01-6	Trichloroethene	73.7		0.090	5.00	ug/L
78-87-5	1,2-Dichloropropane	56.5		0.20	5.00	ug/L
75-27-4	Bromodichloromethane	52.2		0.22	5.00	ug/L
108-10-1	4-Methyl-2-Pentanone	280		0.68	25.0	ug/L
108-88-3	Toluene	56.3		0.14	5.00	ug/L

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10061-02-6	t-1,3-Dichloropropene	52.5		0.17	5.00	ug/L
10061-01-5	cis-1,3-Dichloropropene	53.6		0.16	5.00	ug/L
79-00-5	1,1,2-Trichloroethane	54.6		0.21	5.00	ug/L
591-78-6	2-Hexanone	290		0.89	25.0	ug/L
124-48-1	Dibromochloromethane	52.6		0.18	5.00	ug/L
106-93-4	1,2-Dibromoethane	53.1		0.15	5.00	ug/L
127-18-4	Tetrachloroethene	80.7		0.23	5.00	ug/L
108-90-7	Chlorobenzene	50.8		0.12	5.00	ug/L
100-41-4	Ethyl Benzene	54.3		0.13	5.00	ug/L
179601-23-1	m/p-Xylenes	110		0.24	10.0	ug/L
95-47-6	o-Xylene	57.2		0.12	5.00	ug/L
100-42-5	Styrene	57.4		0.15	5.00	ug/L
75-25-2	Bromoform	48.2		0.19	5.00	ug/L
98-82-8	Isopropylbenzene	51.5		0.12	5.00	ug/L
79-34-5	1,1,2,2-Tetrachloroethane	17.7		0.26	5.00	ug/L
541-73-1	1,3-Dichlorobenzene	50.3		0.16	5.00	ug/L
106-46-7	1,4-Dichlorobenzene	47.5		0.19	5.00	ug/L
95-50-1	1,2-Dichlorobenzene	48.6		0.16	5.00	ug/L
96-12-8	1,2-Dibromo-3-Chloropropane	44.3		0.53	5.00	ug/L
120-82-1	1,2,4-Trichlorobenzene	47.5		0.20	5.00	ug/L
87-61-6	1,2,3-Trichlorobenzene	49.9		0.20	5.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.4		74 - 125	97%	SPK: 50
1868-53-7	Dibromofluoromethane	41.4		75 - 124	83%	SPK: 50
2037-26-5	Toluene-d8	51.8		86 - 113	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.6		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	211000	8.224			
540-36-3	1,4-Difluorobenzene	340000	9.1			
3114-55-4	Chlorobenzene-d5	312000	11.865			
3855-82-1	1,4-Dichlorobenzene-d4	165000	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