

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:	Q1664-03MSD		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	91.8	
Sample Wt/Vol:	4.56	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
VY021741.D	1		04/01/25 15:05	VY040125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	68.8		1.40	6.00	ug/Kg
74-87-3	Chloromethane	66.2		1.40	6.00	ug/Kg
75-01-4	Vinyl Chloride	67.6		0.94	6.00	ug/Kg
74-83-9	Bromomethane	63.6		1.30	6.00	ug/Kg
75-00-3	Chloroethane	65.5		1.50	6.00	ug/Kg
75-69-4	Trichlorofluoromethane	67.9		1.40	6.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	68.6		1.30	6.00	ug/Kg
75-35-4	1,1-Dichloroethene	69.4		1.20	6.00	ug/Kg
67-64-1	Acetone	370		5.70	29.9	ug/Kg
75-15-0	Carbon Disulfide	68.2		1.30	6.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	66.3		0.87	6.00	ug/Kg
79-20-9	Methyl Acetate	220	E	1.80	6.00	ug/Kg
75-09-2	Methylene Chloride	85.4		4.20	11.9	ug/Kg
156-60-5	trans-1,2-Dichloroethene	70.3		1.00	6.00	ug/Kg
75-34-3	1,1-Dichloroethane	69.4		0.96	6.00	ug/Kg
110-82-7	Cyclohexane	66.6		0.94	6.00	ug/Kg
78-93-3	2-Butanone	330		7.80	29.9	ug/Kg
56-23-5	Carbon Tetrachloride	61.6		1.20	6.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	70.1		0.90	6.00	ug/Kg
74-97-5	Bromochloromethane	64.6		1.40	6.00	ug/Kg
67-66-3	Chloroform	69.7		1.00	6.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	69.4		1.10	6.00	ug/Kg
108-87-2	Methylcyclohexane	61.6		1.10	6.00	ug/Kg
71-43-2	Benzene	60.3		0.94	6.00	ug/Kg
107-06-2	1,2-Dichloroethane	58.9		0.94	6.00	ug/Kg
79-01-6	Trichloroethene	62.2		0.97	6.00	ug/Kg
78-87-5	1,2-Dichloropropane	61.2		1.10	6.00	ug/Kg
75-27-4	Bromodichloromethane	61.0		0.93	6.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	280		4.30	29.9	ug/Kg
108-88-3	Toluene	61.6		0.93	6.00	ug/Kg

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10061-02-6	t-1,3-Dichloropropene	60.2		0.78	6.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	60.4		0.74	6.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	59.4		1.10	6.00	ug/Kg
591-78-6	2-Hexanone	270		4.40	29.9	ug/Kg
124-48-1	Dibromochloromethane	60.9		1.00	6.00	ug/Kg
106-93-4	1,2-Dibromoethane	59.9		1.10	6.00	ug/Kg
127-18-4	Tetrachloroethene	74.7		1.30	6.00	ug/Kg
108-90-7	Chlorobenzene	60.4		1.10	6.00	ug/Kg
100-41-4	Ethyl Benzene	62.3		0.80	6.00	ug/Kg
179601-23-1	m/p-Xylenes	120		1.50	11.9	ug/Kg
95-47-6	o-Xylene	62.9		0.98	6.00	ug/Kg
100-42-5	Styrene	63.5		0.85	6.00	ug/Kg
75-25-2	Bromoform	59.8		1.00	6.00	ug/Kg
98-82-8	Isopropylbenzene	61.7		0.93	6.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	55.0		1.40	6.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	59.2		2.00	6.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	58.6		1.90	6.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	59.2		1.70	6.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	55.2		2.20	6.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	50.7		3.50	6.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	50.3		3.80	6.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.5		63 - 155	107%	SPK: 50
1868-53-7	Dibromofluoromethane	48.3		70 - 134	97%	SPK: 50
2037-26-5	Toluene-d8	47.2		74 - 123	94%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.3		38 - 136	95%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	194000	7.707			
540-36-3	1,4-Difluorobenzene	349000	8.616			
3114-55-4	Chlorobenzene-d5	308000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	151000	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