

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	07/11/23	
Project:	LOD-LOQ Study		Date Received:	07/11/23	
Client Sample ID:	LOD-MDL-WATER-01-QT3-2023		SDG No.:	O3572	
Lab Sample ID:	O3572-07		Matrix:	WATER	
Analytical Method:	SW8151A		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS023997.D	1	08/03/23 07:58	08/09/23 10:02	PB154614

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
1918-00-9	DICAMBA	0.85	J	0.51	2.00	ug/L
120-36-5	DICHLORPROP	1.10	J	0.54	2.00	ug/L
94-75-7	2,4-D	0.96	J	0.57	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	0.92	J	0.54	2.00	ug/L
93-76-5	2,4,5-T	0.86	J	0.58	2.00	ug/L
94-82-6	2,4-DB	1.00	J	0.56	2.00	ug/L
88-85-7	DINOSEB	0.91	J	0.71	2.00	ug/L
SURROGATES						
19719-28-9	2,4-DCAA	440		39 - 175	88%	SPK: 500

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit