

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	04/05/23	
Project:	LOD-LOQ Study		Date Received:	04/05/23	
Client Sample ID:	LOD-MDL-SOIL-01-QT2-2023		SDG No.:	O2213	
Lab Sample ID:	O2213-01		Matrix:	SOIL	
Analytical Method:	SW8151A		% Solid:	100	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Herbicide	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	8151A				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PS022671.D	1	04/06/23 09:38	04/12/23 15:57	PB151928

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
1918-00-9	DICAMBA	27.5	J	8.90	67.0	ug/Kg
120-36-5	DICHLORPROP	32.9	J	10.0	67.0	ug/Kg
94-75-7	2,4-D	33.5	J	16.5	67.0	ug/Kg
93-72-1	2,4,5-TP (Silvex)	35.4	J	14.4	67.0	ug/Kg
93-76-5	2,4,5-T	33.7	J	9.70	67.0	ug/Kg
94-82-6	2,4-DB	35.9	J	12.5	67.0	ug/Kg
88-85-7	DINOSEB	30.4	J	16.2	67.0	ug/Kg
SURROGATES						
19719-28-9	2,4-DCAA	476		10 - 141	95%	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