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## Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/22/24		
Project:	LOD-LOQ Study	Date Received:	01/22/24		
Client Sample ID:	PIBLK-PS025604.D	SDG No.:	P1187		
Lab Sample ID:	I.BLK-PS025604.D	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
PS025604.D	1		01/22/24	PS012224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
1918-00-9	DICAMBA	2.00	U	0.51	2.00	ug/L
120-36-5	DICHLORPROP	2.00	U	0.54	2.00	ug/L
94-75-7	2,4-D	2.00	U	0.57	2.00	ug/L
93-72-1	2,4,5-TP (Silvex)	2.00	U	0.54	2.00	ug/L
93-76-5	2,4,5-T	2.00	U	0.58	2.00	ug/L
94-82-6	2,4-DB	2.00	U	0.56	2.00	ug/L
88-85-7	DINOSEB	2.00	U	0.71	2.00	ug/L
<b>SURROGATES</b>						
19719-28-9	2,4-DCAA	519		39 - 175	104%	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