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## 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-SOIL-01-QT3-2023	SDG No.:	O3572		
Lab Sample ID:	O3572-01	Matrix:	SOIL		
Analytical Method:	8015D GRO	% Solid:	100	Decanted:	
Sample Wt/Vol:	5	Units:	g	Final Vol:	5 mL
Soil Aliquot Vol:			uL	Test:	Gasoline Range Organics
Extraction Type:				Injection Volume :	
GPC Factor :		PH :			
Prep Method :					

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB030153.D	1	07/11/23 13:17	FB071123

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
GRO	GRO	16.0	J	4.00	45.0	ug/kg
<b>SURROGATES</b>						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	19.4		50 - 150	97%	SPK: 20

### 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