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## Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	01/19/24		
Project:	LOD-LOQ Study	Date Received:	01/19/24		
Client Sample ID:	LOD-MDL-SOIL-04-QT1-2024	SDG No.:	P1187		
Lab Sample ID:	P1187-04	Matrix:	SOIL		
Analytical Method:	8015D TPH	% Solid:	100	Decanted:	
Sample Wt/Vol:	30.06	Units:	g	Final Vol:	1 mL
Soil Aliquot Vol:			uL	Test:	TPH GC
Extraction Type:				Injection Volume :	
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG013409.D	1	01/31/24 08:00	02/01/24 16:20	PB158543

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
<b>TARGETS</b>						
PHC	Petroleum Hydrocarbons	833	J	401	2830	ug/kg
<b>SURROGATES</b>						
16416-32-3	TETRACOSANE-d50	24.7		37 - 130	124%	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