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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-WATER-04-QT2-2023	SDG No.:	O2213		
Lab Sample ID:	O2213-10	Matrix:	Water		
Analytical Method:	8015D TPH	% Solid:	0	Decanted:	
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	1 mL
Soil Aliquot Vol:			uL	Test:	TPH GC
Extraction Type:				Injection Volume :	
GPC Factor :		PH :			
Prep Method :	SW3510				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG011751.D	1	04/06/23 08:00	04/07/23 22:56	PB151919

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
PHC	Petroleum Hydrocarbons	55.0	J	12.0	85.0	ug/L
SURROGATES						
16416-32-3	TETRACOSANE-d50	19.8		29 - 130	99%	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