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## Report of Analysis

Client:	Chemtech Consulting Group	Date Collected:	02/01/24		
Project:	LOD-LOQ Study	Date Received:	02/01/24		
Client Sample ID:	PIBLK-FG013398.D	SDG No.:	P1187		
Lab Sample ID:	I.BLK-FG013398.D	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
FG013398.D	1		02/01/24	FG020124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
<b>TARGETS</b>						
PHC	Petroleum Hydrocarbons	85.0	U	12.0	85.0	ug/L
<b>SURROGATES</b>						
16416-32-3	TETRACOSANE-d50	20.2		29 - 130	101%	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