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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:	LOQ-WATER-02-QT3-2023	SDG No.:	O3572		
Lab Sample ID:	O3572-08	Matrix:	WATER		
Analytical Method:	SW8082A	% Solid:	0	Decanted:	
Sample Wt/Vol:	1000	Units:	mL	Final Vol:	10000 uL
Soil Aliquot Vol:			uL	Test:	PCB
Extraction Type:				Injection Volume :	
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP059264.D	1	08/08/23 08:34	08/09/23 14:24	PB154700

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
12674-11-2	Aroclor-1016	0.15	U	0.15	0.50	ug/L
11104-28-2	Aroclor-1221	0.22	U	0.22	0.50	ug/L
11141-16-5	Aroclor-1232	0.18	U	0.18	0.50	ug/L
53469-21-9	Aroclor-1242	0.18	U	0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.42	J	0.15	0.50	ug/L
11097-69-1	Aroclor-1254	0.15	U	0.15	0.50	ug/L
37324-23-5	Aroclor-1262	0.16	U	0.16	0.50	ug/L
11100-14-4	Aroclor-1268	0.13	U	0.13	0.50	ug/L
11096-82-5	Aroclor-1260	0.16	U	0.16	0.50	ug/L
SURROGATES						
877-09-8	Tetrachloro-m-xylene	17.9		21 - 155	90%	SPK: 20
2051-24-3	Decachlorobiphenyl	21.1		10 - 173	106%	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