

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	10/02/23	
Project:	LOD-LOQ Study		Date Received:	10/02/23	
Client Sample ID:	LOQ-WATER-02-QT4-2023		SDG No.:	O4699	
Lab Sample ID:	O4699-08		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
PP060807.D	1	10/09/23 09:33	10/10/23 04:45	PB156219

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	0.53		0.18	0.50	ug/L
12672-29-6	Aroclor-1248	0.15	U	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	22.1		21 - 155	111%	SPK: 20
2051-24-3	Decachlorobiphenyl	23.2		10 - 173	116%	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