

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	10/02/23	
Project:	LOD-LOQ Study		Date Received:	10/02/23	
Client Sample ID:	LOD-MDL-WATER-01-QT4-2023		SDG No.:	O4699	
Lab Sample ID:	O4699-07		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	1000000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	3510C				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL085815.D	1	10/09/23 08:50	10/10/23 15:36	PB156248

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.78	U	0.78	5.00	ug/L
319-85-7	beta-BHC	1.40	U	1.40	5.00	ug/L
319-86-8	delta-BHC	1.90	J	1.20	5.00	ug/L
58-89-9	gamma-BHC (Lindane)	0.64	U	0.64	5.00	ug/L
76-44-8	Heptachlor	0.73	U	0.73	5.00	ug/L
309-00-2	Aldrin	0.71	U	0.71	5.00	ug/L
1024-57-3	Heptachlor epoxide	1.00	U	1.00	5.00	ug/L
959-98-8	Endosulfan I	0.59	U	0.59	5.00	ug/L
60-57-1	Dieldrin	0.54	U	0.54	5.00	ug/L
72-55-9	4,4-DDE	0.59	U	0.59	5.00	ug/L
72-20-8	Endrin	0.43	U	0.43	5.00	ug/L
33213-65-9	Endosulfan II	0.76	U	0.76	5.00	ug/L
72-54-8	4,4-DDD	0.84	U	0.84	5.00	ug/L
1031-07-8	Endosulfan Sulfate	1.50	J	0.51	5.00	ug/L
50-29-3	4,4-DDT	0.65	U	0.65	5.00	ug/L
72-43-5	Methoxychlor	0.66	U	0.66	5.00	ug/L
53494-70-5	Endrin ketone	0.84	U	0.84	5.00	ug/L
7421-93-4	Endrin aldehyde	0.91	J	0.70	5.00	ug/L
5103-71-9	alpha-Chlordane	0.74	U	0.74	5.00	ug/L
5103-74-2	gamma-Chlordane	0.65	U	0.65	5.00	ug/L
8001-35-2	Toxaphene	18.0	U	18.0	100	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.3		27 - 142	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	16.8		35 - 148	84%	SPK: 20



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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