

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
PL085799.D	1	10/09/23 08:50	10/09/23 21:40	PB156248

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.97	J	0.78	5.00	ug/L
319-85-7	beta-BHC	1.50	J	1.40	5.00	ug/L
319-86-8	delta-BHC	1.20	U	1.20	5.00	ug/L
58-89-9	gamma-BHC (Lindane)	1.00	J	0.64	5.00	ug/L
76-44-8	Heptachlor	1.20	J	0.73	5.00	ug/L
309-00-2	Aldrin	1.10	J	0.71	5.00	ug/L
1024-57-3	Heptachlor epoxide	1.10	J	1.00	5.00	ug/L
959-98-8	Endosulfan I	1.30	J	0.59	5.00	ug/L
60-57-1	Dieldrin	1.20	J	0.54	5.00	ug/L
72-55-9	4,4-DDE	1.30	J	0.59	5.00	ug/L
72-20-8	Endrin	1.20	J	0.43	5.00	ug/L
33213-65-9	Endosulfan II	1.70	JP	0.76	5.00	ug/L
72-54-8	4,4-DDD	1.40	J	0.84	5.00	ug/L
1031-07-8	Endosulfan Sulfate	1.40	J	0.51	5.00	ug/L
50-29-3	4,4-DDT	1.30	JP	0.65	5.00	ug/L
72-43-5	Methoxychlor	2.40	JP	0.66	5.00	ug/L
53494-70-5	Endrin ketone	1.50	JP	0.84	5.00	ug/L
7421-93-4	Endrin aldehyde	2.00	JP	0.70	5.00	ug/L
5103-71-9	alpha-Chlordane	1.30	JP	0.74	5.00	ug/L
5103-74-2	gamma-Chlordane	1.40	J	0.65	5.00	ug/L
8001-35-2	Toxaphene	18.0	U	18.0	100	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	24.0		27 - 142	120%	SPK: 20
877-09-8	Tetrachloro-m-xylene	19.0		35 - 148	95%	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