

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	05/07/24	
Project:	LOD-LOQ Study		Date Received:	05/07/24	
Client Sample ID:	LOD-MDL-WATER-01-QT2-2024		SDG No.:	P2403	
Lab Sample ID:	P2403-07		Matrix:	WATER	
Analytical Method:	SW8081		% Solid:	0	Decanted:
Sample Wt/Vol:	1000	Units: mL	Final Vol:	10000	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
PL089425.D	1	05/09/24 08:51	05/09/24 15:45	PB160816

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.032	JP	0.0061	0.050	ug/L
319-85-7	beta-BHC	0.033	J	0.014	0.050	ug/L
319-86-8	delta-BHC	0.033	JP	0.015	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.033	JP	0.0049	0.050	ug/L
76-44-8	Heptachlor	0.032	JP	0.0054	0.050	ug/L
309-00-2	Aldrin	0.032	J	0.0044	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.034	J	0.0090	0.050	ug/L
959-98-8	Endosulfan I	0.034	J	0.0050	0.050	ug/L
60-57-1	Dieldrin	0.034	J	0.0047	0.050	ug/L
72-55-9	4,4-DDE	0.033	JP	0.0045	0.050	ug/L
72-20-8	Endrin	0.031	J	0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.033	J	0.0075	0.050	ug/L
72-54-8	4,4-DDD	0.035	J	0.0092	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.034	J	0.0035	0.050	ug/L
50-29-3	4,4-DDT	0.033	JP	0.0044	0.050	ug/L
72-43-5	Methoxychlor	0.029	J	0.011	0.050	ug/L
53494-70-5	Endrin ketone	0.034	J	0.0097	0.050	ug/L
7421-93-4	Endrin aldehyde	0.034	J	0.0099	0.050	ug/L
5103-71-9	alpha-Chlordane	0.034	J	0.0060	0.050	ug/L
5103-74-2	gamma-Chlordane	0.035	J	0.0060	0.050	ug/L
8001-35-2	Toxaphene	1.00	U	0.15	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.3		27 - 142	106%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.0		35 - 148	110%	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