

Report of Analysis

Client:	Chemtech Consulting Group		Date Collected:	01/19/24	
Project:	LOD-LOQ Study		Date Received:	01/19/24	
Client Sample ID:	LOQ-WATER-02-QT1-2024		SDG No.:	P1187	
Lab Sample ID:	P1187-08		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
PD080862.D	1	01/23/24 08:10	01/24/24 22:52	PB158577

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
319-84-6	alpha-BHC	0.045	J	0.0078	0.050	ug/L
319-85-7	beta-BHC	0.051		0.014	0.050	ug/L
319-86-8	delta-BHC	0.044	J	0.012	0.050	ug/L
58-89-9	gamma-BHC (Lindane)	0.043	J	0.0064	0.050	ug/L
76-44-8	Heptachlor	0.049	J	0.0073	0.050	ug/L
309-00-2	Aldrin	0.046	J	0.0071	0.050	ug/L
1024-57-3	Heptachlor epoxide	0.051		0.010	0.050	ug/L
959-98-8	Endosulfan I	0.054		0.0059	0.050	ug/L
60-57-1	Dieldrin	0.052		0.0054	0.050	ug/L
72-55-9	4,4-DDE	0.052		0.0059	0.050	ug/L
72-20-8	Endrin	0.050		0.0043	0.050	ug/L
33213-65-9	Endosulfan II	0.056		0.0076	0.050	ug/L
72-54-8	4,4-DDD	0.050	J	0.0084	0.050	ug/L
1031-07-8	Endosulfan Sulfate	0.054		0.0051	0.050	ug/L
50-29-3	4,4-DDT	0.051		0.0065	0.050	ug/L
72-43-5	Methoxychlor	0.056		0.0066	0.050	ug/L
53494-70-5	Endrin ketone	0.053		0.0084	0.050	ug/L
7421-93-4	Endrin aldehyde	0.054		0.0070	0.050	ug/L
5103-71-9	alpha-Chlordane	0.054		0.0074	0.050	ug/L
5103-74-2	gamma-Chlordane	0.053		0.0065	0.050	ug/L
8001-35-2	Toxaphene	1.00	U	0.18	1.00	ug/L
SURROGATES						
2051-24-3	Decachlorobiphenyl	23.3		27 - 142	116%	SPK: 20
877-09-8	Tetrachloro-m-xylene	22.1		35 - 148	111%	SPK: 20



284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

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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