

Report of Analysis

Client:	Nobis Group		Date Collected:	12/12/24	
Project:	Raymark Superfund Site		Date Received:	12/17/24	
Client Sample ID:	OU4-VSL-11-121224		SDG No.:	P5306	
Lab Sample ID:	P5306-09		Matrix:	SOIL	
Analytical Method:	SW8081		% Solid:	93.6	Decanted:
Sample Wt/Vol:	30.03	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL093437.D	1	12/18/24 08:10	12/19/24 16:00	PB165704

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
319-84-6	alpha-BHC	0.00089	U	0.00019	0.00089	0.0018	mg/Kg
319-85-7	beta-BHC	0.00089	U	0.00052	0.00089	0.0018	mg/Kg
319-86-8	delta-BHC	0.00089	U	0.00050	0.00089	0.0018	mg/Kg
58-89-9	gamma-BHC (Lindane)	0.00089	U	0.00020	0.00089	0.0018	mg/Kg
76-44-8	Heptachlor	0.00089	U	0.00018	0.00089	0.0018	mg/Kg
309-00-2	Aldrin	0.00089	U	0.00015	0.00089	0.0018	mg/Kg
1024-57-3	Heptachlor epoxide	0.00089	U	0.00025	0.00089	0.0018	mg/Kg
959-98-8	Endosulfan I	0.00089	U	0.00018	0.00089	0.0018	mg/Kg
60-57-1	Dieldrin	0.00089	U	0.00016	0.00089	0.0018	mg/Kg
72-55-9	4,4-DDE	0.00089	U	0.00014	0.00089	0.0018	mg/Kg
72-20-8	Endrin	0.00089	U	0.00017	0.00089	0.0018	mg/Kg
33213-65-9	Endosulfan II	0.00089	U	0.00032	0.00089	0.0018	mg/Kg
72-54-8	4,4-DDD	0.00089	U	0.00020	0.00089	0.0018	mg/Kg
1031-07-8	Endosulfan Sulfate	0.00089	U	0.00014	0.00089	0.0018	mg/Kg
50-29-3	4,4-DDT	0.00089	U	0.00018	0.00089	0.0018	mg/Kg
72-43-5	Methoxychlor	0.00089	U	0.00041	0.00089	0.0018	mg/Kg
53494-70-5	Endrin ketone	0.00089	U	0.00023	0.00089	0.0018	mg/Kg
7421-93-4	Endrin aldehyde	0.00089	U	0.00042	0.00089	0.0018	mg/Kg
5103-71-9	alpha-Chlordane	0.00089	U	0.00018	0.00089	0.0018	mg/Kg
5103-74-2	gamma-Chlordane	0.00089	U	0.00020	0.00089	0.0018	mg/Kg
8001-35-2	Toxaphene	0.018	U	0.0056	0.018	0.035	mg/Kg
SURROGATES							
2051-24-3	Decachlorobiphenyl	21.9		55 - 130		110%	SPK: 20
877-09-8	Tetrachloro-m-xylene	21.2		42 - 129		106%	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