

Report of Analysis

Client:	CDM Smith	Date Collected:	05/02/25
Project:	Bergen Point Fueling System	Date Received:	05/02/25
Client Sample ID:	SB2-4-5MSD	SDG No.:	Q1956
Lab Sample ID:	Q1956-04MSD	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	93.5
Sample Wt/Vol:	30.05 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
PL095574.D	1	05/06/25 08:55	05/06/25 18:17	PB167878

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	23.4	P	0.14	1.80	ug/kg
319-85-7	beta-BHC	20.9		0.19	1.80	ug/kg
319-86-8	delta-BHC	22.6	P	0.42	1.80	ug/kg
58-89-9	gamma-BHC (Lindane)	22.3	P	0.15	1.80	ug/kg
76-44-8	Heptachlor	21.4		0.13	1.80	ug/kg
309-00-2	Aldrin	22.4		0.13	1.80	ug/kg
1024-57-3	Heptachlor epoxide	21.6		0.20	1.80	ug/kg
959-98-8	Endosulfan I	21.6		0.15	1.80	ug/kg
60-57-1	Dieldrin	21.5		0.15	1.80	ug/kg
72-55-9	4,4-DDE	20.7		0.15	1.80	ug/kg
72-20-8	Endrin	21.5		0.15	1.80	ug/kg
33213-65-9	Endosulfan II	20.8		0.31	1.80	ug/kg
72-54-8	4,4-DDD	21.7		0.16	1.80	ug/kg
1031-07-8	Endosulfan Sulfate	19.3		0.14	1.80	ug/kg
50-29-3	4,4-DDT	20.9		0.15	1.80	ug/kg
72-43-5	Methoxychlor	19.7		0.40	1.80	ug/kg
53494-70-5	Endrin ketone	21.4		0.20	1.80	ug/kg
7421-93-4	Endrin aldehyde	20.7		0.40	1.80	ug/kg
5103-71-9	alpha-Chlordane	21.4		0.13	1.80	ug/kg
5103-74-2	gamma-Chlordane	22.0		0.16	1.80	ug/kg
8001-35-2	Toxaphene	35.2	U	5.80	35.2	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	16.8		20 - 144	84%	SPK: 20
877-09-8	Tetrachloro-m-xylene	23.1		19 - 148	115%	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