

Report of Analysis

Client:	CDM Smith	Date Collected:	05/16/25
Project:	South River WM Replacement	Date Received:	05/16/25
Client Sample ID:	TP-18	SDG No.:	Q2074
Lab Sample ID:	Q2074-08	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	78
Sample Wt/Vol:	30.02	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP072217.D	1	05/20/25 08:45	05/20/25 16:16	PB168074

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
12674-11-2	Aroclor-1016	5.10	U	5.10	21.8	ug/kg
11104-28-2	Aroclor-1221	5.20	U	5.20	21.8	ug/kg
11141-16-5	Aroclor-1232	4.80	U	4.80	21.8	ug/kg
53469-21-9	Aroclor-1242	5.10	U	5.10	21.8	ug/kg
12672-29-6	Aroclor-1248	7.60	U	7.60	21.8	ug/kg
11097-69-1	Aroclor-1254	4.10	U	4.10	21.8	ug/kg
37324-23-5	Aroclor-1262	6.40	U	6.40	21.8	ug/kg
11100-14-4	Aroclor-1268	4.60	U	4.60	21.8	ug/kg
11096-82-5	Aroclor-1260	4.10	U	4.10	21.8	ug/kg
SURROGATES						
877-09-8	Tetrachloro-m-xylene	18.6		32 - 144	93%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.4		32 - 175	82%	SPK: 20

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