

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/05/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	84SB-W	SDG No.:	Q2819
Lab Sample ID:	Q2819-11	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.8
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
PO112861.D	1	08/12/25 08:15	08/12/25 13:43	PB169205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.60	U	4.50	9.60	19.6	ug/kg
11104-28-2	Aroclor-1221	15.0	U	4.60	15.0	19.6	ug/kg
11141-16-5	Aroclor-1232	9.60	U	4.30	9.60	19.6	ug/kg
53469-21-9	Aroclor-1242	9.60	U	4.60	9.60	19.6	ug/kg
12672-29-6	Aroclor-1248	15.0	U	6.80	15.0	19.6	ug/kg
11097-69-1	Aroclor-1254	9.60	U	3.70	9.60	19.6	ug/kg
37324-23-5	Aroclor-1262	15.0	U	5.80	15.0	19.6	ug/kg
11100-14-4	Aroclor-1268	9.60	U	4.10	9.60	19.6	ug/kg
11096-82-5	Aroclor-1260	9.60	U	3.70	9.60	19.6	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.4		44 - 130		107%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.2		60 - 125		71%	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