



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

Hit Summary Sheet
SW-846

SDG No.:

Q2820

Order ID:

Q2820

Client:

First Environment, Inc.

Project ID:

USACE018-44 DOD

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
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Client ID :

Total Concentration: 0.000

A
B
C
D



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	705R-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-09	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	55.8
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074367.D	1	08/13/25 08:33	08/13/25 22:24	PB169227

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	14.8	U	7.10	14.8	30.4	ug/kg
11104-28-2	Aroclor-1221	23.3	U	7.20	23.3	30.4	ug/kg
11141-16-5	Aroclor-1232	14.8	U	6.70	14.8	30.4	ug/kg
53469-21-9	Aroclor-1242	14.8	U	7.20	14.8	30.4	ug/kg
12672-29-6	Aroclor-1248	23.3	U	10.6	23.3	30.4	ug/kg
11097-69-1	Aroclor-1254	14.8	U	5.70	14.8	30.4	ug/kg
37324-23-5	Aroclor-1262	23.3	U	9.00	23.3	30.4	ug/kg
11100-14-4	Aroclor-1268	14.8	U	6.40	14.8	30.4	ug/kg
11096-82-5	Aroclor-1260	14.8	U	5.80	14.8	30.4	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.6		44 - 130		118%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.3		60 - 125		91%	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

Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/07/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	SOIL-DUP-2	SDG No.:	Q2820
Lab Sample ID:	Q2820-10	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	48.4
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112864.D	1	08/12/25 08:15	08/12/25 14:38	PB169205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	17.1	U	8.10	17.1	35.0	ug/kg
11104-28-2	Aroclor-1221	26.8	U	8.30	26.8	35.0	ug/kg
11141-16-5	Aroclor-1232	17.1	U	7.70	17.1	35.0	ug/kg
53469-21-9	Aroclor-1242	17.1	U	8.30	17.1	35.0	ug/kg
12672-29-6	Aroclor-1248	26.8	U	12.2	26.8	35.0	ug/kg
11097-69-1	Aroclor-1254	17.1	U	6.60	17.1	35.0	ug/kg
37324-23-5	Aroclor-1262	26.8	U	10.3	26.8	35.0	ug/kg
11100-14-4	Aroclor-1268	17.1	U	7.40	17.1	35.0	ug/kg
11096-82-5	Aroclor-1260	17.1	U	6.70	17.1	35.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	21.5		44 - 130		108%	SPK: 20
2051-24-3	Decachlorobiphenyl	16.6		60 - 125		83%	SPK: 20

Comments:

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Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	22M-S	SDG No.:	Q2820
Lab Sample ID:	Q2820-24	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	89
Sample Wt/Vol:	30.01	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112870.D	1	08/12/25 08:15	08/12/25 17:19	PB169205

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	9.30	U	4.40	9.30	19.1	ug/kg
11104-28-2	Aroclor-1221	14.6	U	4.50	14.6	19.1	ug/kg
11141-16-5	Aroclor-1232	9.30	U	4.20	9.30	19.1	ug/kg
53469-21-9	Aroclor-1242	9.30	U	4.50	9.30	19.1	ug/kg
12672-29-6	Aroclor-1248	14.6	U	6.60	14.6	19.1	ug/kg
11097-69-1	Aroclor-1254	9.30	U	3.60	9.30	19.1	ug/kg
37324-23-5	Aroclor-1262	14.6	U	5.60	14.6	19.1	ug/kg
11100-14-4	Aroclor-1268	9.30	U	4.00	9.30	19.1	ug/kg
11096-82-5	Aroclor-1260	9.30	U	3.60	9.30	19.1	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	11.6		44 - 130		58%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.0		60 - 125		100%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q2820	OrderDate:	8/11/2025 12:29:00 PM
Client:	First Environment, Inc.	Project:	USACE018-44 DOD
Contact:	Al Smith	Location:	D31,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2820-09	705R-S	SOIL	PCB	8082A	08/07/25	08/13/25	08/13/25	08/08/25
			Pesticide-TCL	8081B		08/12/25	08/14/25	
Q2820-09RE	705R-SRE	SOIL	Pesticide-TCL	8081B	08/07/25	08/12/25	08/15/25	08/08/25
Q2820-10	SOIL-DUP-2	SOIL	PCB	8082A	08/07/25	08/12/25	08/12/25	08/08/25
			Pesticide-TCL	8081B		08/12/25	08/14/25	
Q2820-24	22M-S	SOIL	PCB	8082A	08/08/25	08/12/25	08/12/25	08/08/25
			Pesticide-TCL	8081B		08/12/25	08/14/25	