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Hit Summary Sheet
SW-846

SDG No.: Q2639

Order ID: Q2639

Client: Nobis Group

Project ID: Raymark Superfund Site

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
Client ID : OU4-TS-38-071725									
Q2639-01	OU4-TS-38-071725	SOIL	Aroclor-1254	25.5	4.00	10.3	21.1	ug/kg	
Total Concentration:				25.500					



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-38-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-01		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	80.6	Decanted:
Sample Wt/Vol:	30.01	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074001.D	1	07/21/25 08:30	07/21/25 19:07	PB168927

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	10.3	U	4.90	10.3	21.1	ug/kg
11104-28-2	Aroclor-1221	16.1	U	5.00	16.1	21.1	ug/kg
11141-16-5	Aroclor-1232	10.3	U	4.60	10.3	21.1	ug/kg
53469-21-9	Aroclor-1242	10.3	U	5.00	10.3	21.1	ug/kg
12672-29-6	Aroclor-1248	16.1	U	7.30	16.1	21.1	ug/kg
11097-69-1	Aroclor-1254	25.5		4.00	10.3	21.1	ug/kg
37324-23-5	Aroclor-1262	16.1	U	6.20	16.1	21.1	ug/kg
11100-14-4	Aroclor-1268	10.3	U	4.50	10.3	21.1	ug/kg
11096-82-5	Aroclor-1260	10.3	U	4.00	10.3	21.1	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.3		44 - 130		82%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.7		60 - 125		64%	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:	Nobis Group	Date Collected:	07/17/25
Project:	Raymark Superfund Site	Date Received:	07/18/25
Client Sample ID:	OU4-TS-39-071725	SDG No.:	Q2639
Lab Sample ID:	Q2639-03	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	81
Sample Wt/Vol:	30.04	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
PO112338.D	1	07/21/25 08:30	07/21/25 13:11	PB168927

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	10.2	U	4.90	10.2	21.0	ug/kg
11104-28-2	Aroclor-1221	16.0	U	5.00	16.0	21.0	ug/kg
11141-16-5	Aroclor-1232	10.2	U	4.60	10.2	21.0	ug/kg
53469-21-9	Aroclor-1242	10.2	U	4.90	10.2	21.0	ug/kg
12672-29-6	Aroclor-1248	16.0	U	7.30	16.0	21.0	ug/kg
11097-69-1	Aroclor-1254	10.2	U	4.00	10.2	21.0	ug/kg
37324-23-5	Aroclor-1262	16.0	U	6.20	16.0	21.0	ug/kg
11100-14-4	Aroclor-1268	10.2	U	4.40	10.2	21.0	ug/kg
11096-82-5	Aroclor-1260	10.2	U	4.00	10.2	21.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	23.9		44 - 130		119%	SPK: 20
2051-24-3	Decachlorobiphenyl	14.2		60 - 125		71%	SPK: 20

Comments:

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() = Laboratory InHouse Limit

Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-40-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-05		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	80.7	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112339.D	1	07/21/25 08:30	07/21/25 13:30	PB168927

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	10.3	U	4.90	10.3	21.0	ug/kg
11104-28-2	Aroclor-1221	16.1	U	5.00	16.1	21.0	ug/kg
11141-16-5	Aroclor-1232	10.3	U	4.60	10.3	21.0	ug/kg
53469-21-9	Aroclor-1242	10.3	U	5.00	10.3	21.0	ug/kg
12672-29-6	Aroclor-1248	16.1	U	7.30	16.1	21.0	ug/kg
11097-69-1	Aroclor-1254	10.3	U	4.00	10.3	21.0	ug/kg
37324-23-5	Aroclor-1262	16.1	U	6.20	16.1	21.0	ug/kg
11100-14-4	Aroclor-1268	10.3	U	4.50	10.3	21.0	ug/kg
11096-82-5	Aroclor-1260	10.3	U	4.00	10.3	21.0	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.5		44 - 130		113%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.0		60 - 125		65%	SPK: 20

Comments:

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 LOQ = Limit of Quantitation
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 LOD = Limit of Detection
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 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:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-41-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-07		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	82	Decanted:
Sample Wt/Vol:	30.09	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112340.D	1	07/21/25 08:30	07/21/25 13:47	PB168927

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	10.1	U	4.80	10.1	20.7	ug/kg
11104-28-2	Aroclor-1221	15.8	U	4.90	15.8	20.7	ug/kg
11141-16-5	Aroclor-1232	10.1	U	4.50	10.1	20.7	ug/kg
53469-21-9	Aroclor-1242	10.1	U	4.90	10.1	20.7	ug/kg
12672-29-6	Aroclor-1248	15.8	U	7.20	15.8	20.7	ug/kg
11097-69-1	Aroclor-1254	10.1	U	3.90	10.1	20.7	ug/kg
37324-23-5	Aroclor-1262	15.8	U	6.10	15.8	20.7	ug/kg
11100-14-4	Aroclor-1268	10.1	U	4.40	10.1	20.7	ug/kg
11096-82-5	Aroclor-1260	10.1	U	3.90	10.1	20.7	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	22.8		44 - 130		114%	SPK: 20
2051-24-3	Decachlorobiphenyl	12.3		60 - 125		62%	SPK: 20

Comments:

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 LOD = Limit of Detection
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 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:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-42-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-09		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	60.3	Decanted:
Sample Wt/Vol:	30.05	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112372.D	1	07/21/25 08:30	07/22/25 11:08	PB168927

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	13.7	U	6.50	13.7	28.1	ug/kg
11104-28-2	Aroclor-1221	21.5	U	6.70	21.5	28.1	ug/kg
11141-16-5	Aroclor-1232	13.7	U	6.20	13.7	28.1	ug/kg
53469-21-9	Aroclor-1242	13.7	U	6.60	13.7	28.1	ug/kg
12672-29-6	Aroclor-1248	21.5	U	9.80	21.5	28.1	ug/kg
11097-69-1	Aroclor-1254	13.7	U	5.30	13.7	28.1	ug/kg
37324-23-5	Aroclor-1262	21.5	U	8.30	21.5	28.1	ug/kg
11100-14-4	Aroclor-1268	13.7	U	6.00	13.7	28.1	ug/kg
11096-82-5	Aroclor-1260	13.7	U	5.30	13.7	28.1	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	14.8		44 - 130		74%	SPK: 20
2051-24-3	Decachlorobiphenyl	20.5		60 - 125		102%	SPK: 20

Comments:

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 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
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 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:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-43-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-11		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	58	Decanted:
Sample Wt/Vol:	30.06	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112373.D	1	07/21/25 08:30	07/22/25 11:26	PB168927

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	14.3	U	6.80	14.3	29.3	ug/kg
11104-28-2	Aroclor-1221	22.4	U	6.90	22.4	29.3	ug/kg
11141-16-5	Aroclor-1232	14.3	U	6.40	14.3	29.3	ug/kg
53469-21-9	Aroclor-1242	14.3	U	6.90	14.3	29.3	ug/kg
12672-29-6	Aroclor-1248	22.4	U	10.2	22.4	29.3	ug/kg
11097-69-1	Aroclor-1254	14.3	U	5.50	14.3	29.3	ug/kg
37324-23-5	Aroclor-1262	22.4	U	8.60	22.4	29.3	ug/kg
11100-14-4	Aroclor-1268	14.3	U	6.20	14.3	29.3	ug/kg
11096-82-5	Aroclor-1260	14.3	U	5.60	14.3	29.3	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	16.1		44 - 130		80%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.2		60 - 125		86%	SPK: 20

Comments:

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Report of Analysis

Client:	Nobis Group		Date Collected:	07/17/25	
Project:	Raymark Superfund Site		Date Received:	07/18/25	
Client Sample ID:	OU4-TS-44-071725		SDG No.:	Q2639	
Lab Sample ID:	Q2639-13		Matrix:	SOIL	
Analytical Method:	8082A		% Solid:	64.9	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	PCB	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112374.D	1	07/21/25 08:30	07/22/25 11:44	PB168927

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
12674-11-2	Aroclor-1016	12.8	U	6.10	12.8	26.2	ug/kg
11104-28-2	Aroclor-1221	20.0	U	6.20	20.0	26.2	ug/kg
11141-16-5	Aroclor-1232	12.8	U	5.70	12.8	26.2	ug/kg
53469-21-9	Aroclor-1242	12.8	U	6.20	12.8	26.2	ug/kg
12672-29-6	Aroclor-1248	20.0	U	9.10	20.0	26.2	ug/kg
11097-69-1	Aroclor-1254	12.8	U	4.90	12.8	26.2	ug/kg
37324-23-5	Aroclor-1262	20.0	U	7.70	20.0	26.2	ug/kg
11100-14-4	Aroclor-1268	12.8	U	5.50	12.8	26.2	ug/kg
11096-82-5	Aroclor-1260	12.8	U	5.00	12.8	26.2	ug/kg
SURROGATES							
877-09-8	Tetrachloro-m-xylene	19.6		44 - 130		98%	SPK: 20
2051-24-3	Decachlorobiphenyl	18.0		60 - 125		90%	SPK: 20

Comments:

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LAB CHRONICLE

OrderID:	Q2639	OrderDate:	7/18/2025 10:22:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	O13,VOA Lab

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2639-01	OU4-TS-38-071725	SOIL	PCB	8082A	07/17/25	07/21/25	07/21/25	07/18/25
Q2639-03	OU4-TS-39-071725	SOIL	PCB	8082A	07/17/25	07/21/25	07/21/25	07/18/25
Q2639-05	OU4-TS-40-071725	SOIL	PCB	8082A	07/17/25	07/21/25	07/21/25	07/18/25
Q2639-07	OU4-TS-41-071725	SOIL	PCB	8082A	07/17/25	07/21/25	07/21/25	07/18/25
Q2639-09	OU4-TS-42-071725	SOIL	PCB	8082A	07/17/25	07/21/25	07/22/25	07/18/25
Q2639-11	OU4-TS-43-071725	SOIL	PCB	8082A	07/17/25	07/21/25	07/22/25	07/18/25
Q2639-13	OU4-TS-44-071725	SOIL	PCB	8082A	07/17/25	07/21/25	07/22/25	07/18/25