



284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Hit Summary Sheet
SW-846

SDG No.: P5306

Client: Nobis Group

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

0

Total Voc :

Total Concentration:

A

B

C

D



SAMPLE DATA

A

B

C

D

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-07-121224	SDG No.:	P5306
Lab Sample ID:	P5306-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.8
Sample Wt/Vol:	5.81 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020652.D	1		12/19/24 14:02	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0038	U	0.0016	0.0038	0.0047	mg/Kg
74-87-3	Chloromethane	0.0024	U	0.0011	0.0024	0.0047	mg/Kg
75-01-4	Vinyl Chloride	0.0024	U	0.00073	0.0024	0.0047	mg/Kg
74-83-9	Bromomethane	0.0038	U	0.00098	0.0038	0.0047	mg/Kg
75-00-3	Chloroethane	0.0024	U	0.00096	0.0024	0.0047	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0050	0.012	0.024	mg/Kg
75-69-4	Trichlorofluoromethane	0.0038	U	0.00086	0.0038	0.0047	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0024	U	0.0010	0.0024	0.0047	mg/Kg
75-35-4	1,1-Dichloroethene	0.0024	U	0.00074	0.0024	0.0047	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0047	0.012	0.024	mg/Kg
67-64-1	Acetone	0.019	U	0.0059	0.019	0.024	mg/Kg
75-15-0	Carbon Disulfide	0.0038	U	0.0012	0.0038	0.0047	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0024	U	0.00064	0.0024	0.0047	mg/Kg
75-09-2	Methylene Chloride	0.0076	U	0.0032	0.0076	0.0095	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0024	U	0.00080	0.0024	0.0047	mg/Kg
75-34-3	1,1-Dichloroethane	0.0024	U	0.00060	0.0024	0.0047	mg/Kg
78-93-3	2-Butanone	0.019	U	0.0054	0.019	0.024	mg/Kg
56-23-5	Carbon Tetrachloride	0.0024	U	0.00082	0.0024	0.0047	mg/Kg
594-20-7	2,2-Dichloropropane	0.0038	U	0.0015	0.0038	0.0047	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0024	U	0.00058	0.0024	0.0047	mg/Kg
67-66-3	Chloroform	0.0038	U	0.00064	0.0038	0.0047	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0024	U	0.00074	0.0024	0.0047	mg/Kg
563-58-6	1,1-Dichloropropene	0.0024	U	0.00069	0.0024	0.0047	mg/Kg
71-43-2	Benzene	0.0024	U	0.00068	0.0024	0.0047	mg/Kg
107-06-2	1,2-Dichloroethane	0.0024	U	0.00058	0.0024	0.0047	mg/Kg
79-01-6	Trichloroethene	0.0024	U	0.00071	0.0024	0.0047	mg/Kg
78-87-5	1,2-Dichloropropane	0.0024	U	0.00063	0.0024	0.0047	mg/Kg
74-95-3	Dibromomethane	0.0024	U	0.00059	0.0024	0.0047	mg/Kg
75-27-4	Bromodichloromethane	0.0024	U	0.00053	0.0024	0.0047	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0041	0.012	0.024	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-07-121224	SDG No.:	P5306
Lab Sample ID:	P5306-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.8
Sample Wt/Vol:	5.81 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020652.D	1		12/19/24 14:02	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0024	U	0.00064	0.0024	0.0047	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0024	U	0.00057	0.0024	0.0047	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0024	U	0.00054	0.0024	0.0047	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0024	U	0.00080	0.0024	0.0047	mg/Kg
142-28-9	1,3-Dichloropropane	0.0024	U	0.00056	0.0024	0.0047	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0045	0.012	0.024	mg/Kg
124-48-1	Dibromochloromethane	0.0024	U	0.00062	0.0024	0.0047	mg/Kg
106-93-4	1,2-Dibromoethane	0.0024	U	0.00075	0.0024	0.0047	mg/Kg
127-18-4	Tetrachloroethene	0.0024	U	0.00084	0.0024	0.0047	mg/Kg
108-90-7	Chlorobenzene	0.0024	U	0.00070	0.0024	0.0047	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0024	U	0.00061	0.0024	0.0047	mg/Kg
100-41-4	Ethyl Benzene	0.0024	U	0.00059	0.0024	0.0047	mg/Kg
179601-23-1	m/p-Xylenes	0.0047	U	0.0013	0.0047	0.0095	mg/Kg
1330-20-7	Total Xylenes	0.0071	U	0.0020	0.0071	0.014	mg/Kg
95-47-6	o-Xylene	0.0024	U	0.00066	0.0024	0.0047	mg/Kg
100-42-5	Styrene	0.0024	U	0.00057	0.0024	0.0047	mg/Kg
75-25-2	Bromoform	0.0024	U	0.00077	0.0024	0.0047	mg/Kg
98-82-8	Isopropylbenzene	0.0024	U	0.00064	0.0024	0.0047	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0024	U	0.0010	0.0024	0.0047	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0038	U	0.0011	0.0038	0.0047	mg/Kg
108-86-1	Bromobenzene	0.0024	U	0.00062	0.0024	0.0047	mg/Kg
103-65-1	n-propylbenzene	0.0024	U	0.00061	0.0024	0.0047	mg/Kg
95-49-8	2-Chlorotoluene	0.0024	U	0.00059	0.0024	0.0047	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0024	U	0.00061	0.0024	0.0047	mg/Kg
106-43-4	4-Chlorotoluene	0.0024	U	0.00056	0.0024	0.0047	mg/Kg
98-06-6	tert-Butylbenzene	0.0024	U	0.00064	0.0024	0.0047	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0024	U	0.0013	0.0024	0.0047	mg/Kg
135-98-8	sec-Butylbenzene	0.0024	U	0.00064	0.0024	0.0047	mg/Kg
99-87-6	p-Isopropyltoluene	0.0024	U	0.00055	0.0024	0.0047	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0024	U	0.00070	0.0024	0.0047	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0024	U	0.00076	0.0024	0.0047	mg/Kg

Report of Analysis

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Sample Wt/Vol:	5.81 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020652.D	1		12/19/24 14:02	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0024	U	0.00060	0.0024	0.0047	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0024	U	0.00056	0.0024	0.0047	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0038	U	0.0015	0.0038	0.0047	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0024	U	0.00075	0.0024	0.0047	mg/Kg
87-68-3	Hexachlorobutadiene	0.0024	U	0.00077	0.0024	0.0047	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0024	U	0.00074	0.0024	0.0047	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0024	U	0.00076	0.0024	0.0047	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	62.4		71 - 136		125%	SPK: 50
1868-53-7	Dibromofluoromethane	55.5		78 - 119		111%	SPK: 50
2037-26-5	Toluene-d8	57.6		85 - 116		115%	SPK: 50
460-00-4	4-Bromofluorobenzene	47.8		79 - 119		96%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	200000	7.713				
540-36-3	1,4-Difluorobenzene	354000	8.616				
3114-55-4	Chlorobenzene-d5	304000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	124000	13.346				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-08-121224	SDG No.:	P5306
Lab Sample ID:	P5306-03	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.8
Sample Wt/Vol:	5.6 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020677.D	1		12/20/24 17:39	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0039	U	0.0016	0.0039	0.0049	mg/Kg
74-87-3	Chloromethane	0.0025	U	0.0011	0.0025	0.0049	mg/Kg
75-01-4	Vinyl Chloride	0.0025	U	0.00076	0.0025	0.0049	mg/Kg
74-83-9	Bromomethane	0.0039	U	0.0010	0.0039	0.0049	mg/Kg
75-00-3	Chloroethane	0.0025	U	0.00099	0.0025	0.0049	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0052	0.012	0.025	mg/Kg
75-69-4	Trichlorofluoromethane	0.0039	U	0.00089	0.0039	0.0049	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0025	U	0.0011	0.0025	0.0049	mg/Kg
75-35-4	1,1-Dichloroethene	0.0025	U	0.00077	0.0025	0.0049	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0049	0.012	0.025	mg/Kg
67-64-1	Acetone	0.020	U	0.0061	0.020	0.025	mg/Kg
75-15-0	Carbon Disulfide	0.0039	U	0.0013	0.0039	0.0049	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0025	U	0.00066	0.0025	0.0049	mg/Kg
75-09-2	Methylene Chloride	0.0079	U	0.0034	0.0079	0.0098	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0025	U	0.00083	0.0025	0.0049	mg/Kg
75-34-3	1,1-Dichloroethane	0.0025	U	0.00062	0.0025	0.0049	mg/Kg
78-93-3	2-Butanone	0.020	U	0.0056	0.020	0.025	mg/Kg
56-23-5	Carbon Tetrachloride	0.0025	U	0.00086	0.0025	0.0049	mg/Kg
594-20-7	2,2-Dichloropropane	0.0039	U	0.0016	0.0039	0.0049	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0025	U	0.00060	0.0025	0.0049	mg/Kg
67-66-3	Chloroform	0.0039	U	0.00066	0.0039	0.0049	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0025	U	0.00077	0.0025	0.0049	mg/Kg
563-58-6	1,1-Dichloropropene	0.0025	U	0.00072	0.0025	0.0049	mg/Kg
71-43-2	Benzene	0.0025	U	0.00071	0.0025	0.0049	mg/Kg
107-06-2	1,2-Dichloroethane	0.0025	U	0.00060	0.0025	0.0049	mg/Kg
79-01-6	Trichloroethene	0.0025	U	0.00074	0.0025	0.0049	mg/Kg
78-87-5	1,2-Dichloropropane	0.0025	U	0.00065	0.0025	0.0049	mg/Kg
74-95-3	Dibromomethane	0.0025	U	0.00061	0.0025	0.0049	mg/Kg
75-27-4	Bromodichloromethane	0.0025	U	0.00055	0.0025	0.0049	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0043	0.012	0.025	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	12/12/24	
Project:	Raymark Superfund Site		Date Received:	12/17/24	
Client Sample ID:	OU4-VSL-08-121224		SDG No.:	P5306	
Lab Sample ID:	P5306-03		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	90.8	
Sample Wt/Vol:	5.6	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group3	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020677.D	1		12/20/24 17:39	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0025	U	0.00066	0.0025	0.0049	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0025	UQ	0.00059	0.0025	0.0049	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0025	U	0.00056	0.0025	0.0049	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0025	U	0.00083	0.0025	0.0049	mg/Kg
142-28-9	1,3-Dichloropropane	0.0025	UQ	0.00058	0.0025	0.0049	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0047	0.012	0.025	mg/Kg
124-48-1	Dibromochloromethane	0.0025	U	0.00064	0.0025	0.0049	mg/Kg
106-93-4	1,2-Dibromoethane	0.0025	U	0.00078	0.0025	0.0049	mg/Kg
127-18-4	Tetrachloroethene	0.0025	U	0.00088	0.0025	0.0049	mg/Kg
108-90-7	Chlorobenzene	0.0025	U	0.00073	0.0025	0.0049	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0025	U	0.00063	0.0025	0.0049	mg/Kg
100-41-4	Ethyl Benzene	0.0025	U	0.00061	0.0025	0.0049	mg/Kg
179601-23-1	m/p-Xylenes	0.0049	U	0.0013	0.0049	0.0098	mg/Kg
1330-20-7	Total Xylenes	0.0074	U	0.0020	0.0074	0.015	mg/Kg
95-47-6	o-Xylene	0.0025	U	0.00069	0.0025	0.0049	mg/Kg
100-42-5	Styrene	0.0025	U	0.00059	0.0025	0.0049	mg/Kg
75-25-2	Bromoform	0.0025	U	0.00080	0.0025	0.0049	mg/Kg
98-82-8	Isopropylbenzene	0.0025	U	0.00066	0.0025	0.0049	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0025	U	0.0011	0.0025	0.0049	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0039	U	0.0012	0.0039	0.0049	mg/Kg
108-86-1	Bromobenzene	0.0025	U	0.00064	0.0025	0.0049	mg/Kg
103-65-1	n-propylbenzene	0.0025	U	0.00063	0.0025	0.0049	mg/Kg
95-49-8	2-Chlorotoluene	0.0025	U	0.00061	0.0025	0.0049	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0025	U	0.00063	0.0025	0.0049	mg/Kg
106-43-4	4-Chlorotoluene	0.0025	U	0.00058	0.0025	0.0049	mg/Kg
98-06-6	tert-Butylbenzene	0.0025	U	0.00066	0.0025	0.0049	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0025	U	0.0013	0.0025	0.0049	mg/Kg
135-98-8	sec-Butylbenzene	0.0025	U	0.00066	0.0025	0.0049	mg/Kg
99-87-6	p-Isopropyltoluene	0.0025	U	0.00057	0.0025	0.0049	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0025	U	0.00073	0.0025	0.0049	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0025	U	0.00079	0.0025	0.0049	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	12/12/24	
Project:	Raymark Superfund Site		Date Received:	12/17/24	
Client Sample ID:	OU4-VSL-08-121224		SDG No.:	P5306	
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Sample Wt/Vol:	5.6	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group3	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
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VY020677.D	1		12/20/24 17:39	VY122024

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95-50-1	1,2-Dichlorobenzene	0.0025	U	0.00058	0.0025	0.0049	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0039	UQ	0.0015	0.0039	0.0049	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0025	U	0.00078	0.0025	0.0049	mg/Kg
87-68-3	Hexachlorobutadiene	0.0025	U	0.00080	0.0025	0.0049	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0025	U	0.00077	0.0025	0.0049	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0025	U	0.00079	0.0025	0.0049	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	59.9		71 - 136		120%	SPK: 50
1868-53-7	Dibromofluoromethane	47.4		78 - 119		95%	SPK: 50
2037-26-5	Toluene-d8	67.5	*	85 - 116		135%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.5		79 - 119		105%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	142000	7.707				
540-36-3	1,4-Difluorobenzene	254000	8.615				
3114-55-4	Chlorobenzene-d5	261000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	106000	13.346				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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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

* = Values outside of QC limits

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A = Aldol-Condensation Reaction Products

Report of Analysis

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Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-09-121224	SDG No.:	P5306
Lab Sample ID:	P5306-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.1
Sample Wt/Vol:	6.04 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020678.D	1		12/20/24 18:02	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0037	U	0.0015	0.0037	0.0046	mg/Kg
74-87-3	Chloromethane	0.0023	U	0.0011	0.0023	0.0046	mg/Kg
75-01-4	Vinyl Chloride	0.0023	U	0.00071	0.0023	0.0046	mg/Kg
74-83-9	Bromomethane	0.0037	U	0.00095	0.0037	0.0046	mg/Kg
75-00-3	Chloroethane	0.0023	U	0.00093	0.0023	0.0046	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0048	0.012	0.023	mg/Kg
75-69-4	Trichlorofluoromethane	0.0037	U	0.00084	0.0037	0.0046	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0023	U	0.00098	0.0023	0.0046	mg/Kg
75-35-4	1,1-Dichloroethene	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0046	0.012	0.023	mg/Kg
67-64-1	Acetone	0.018	U	0.0057	0.018	0.023	mg/Kg
75-15-0	Carbon Disulfide	0.0037	U	0.0012	0.0037	0.0046	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
75-09-2	Methylene Chloride	0.0074	U	0.0031	0.0074	0.0092	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0023	U	0.00077	0.0023	0.0046	mg/Kg
75-34-3	1,1-Dichloroethane	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
78-93-3	2-Butanone	0.018	U	0.0052	0.018	0.023	mg/Kg
56-23-5	Carbon Tetrachloride	0.0023	U	0.00080	0.0023	0.0046	mg/Kg
594-20-7	2,2-Dichloropropane	0.0037	U	0.0015	0.0037	0.0046	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
67-66-3	Chloroform	0.0037	U	0.00062	0.0037	0.0046	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
563-58-6	1,1-Dichloropropene	0.0023	U	0.00067	0.0023	0.0046	mg/Kg
71-43-2	Benzene	0.0023	U	0.00066	0.0023	0.0046	mg/Kg
107-06-2	1,2-Dichloroethane	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
79-01-6	Trichloroethene	0.0023	U	0.00069	0.0023	0.0046	mg/Kg
78-87-5	1,2-Dichloropropane	0.0023	U	0.00061	0.0023	0.0046	mg/Kg
74-95-3	Dibromomethane	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
75-27-4	Bromodichloromethane	0.0023	U	0.00051	0.0023	0.0046	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0040	0.012	0.023	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-09-121224	SDG No.:	P5306
Lab Sample ID:	P5306-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.1
Sample Wt/Vol:	6.04 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020678.D	1		12/20/24 18:02	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0023	UQ	0.00055	0.0023	0.0046	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0023	U	0.00052	0.0023	0.0046	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0023	U	0.00077	0.0023	0.0046	mg/Kg
142-28-9	1,3-Dichloropropane	0.0023	UQ	0.00054	0.0023	0.0046	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0044	0.012	0.023	mg/Kg
124-48-1	Dibromochloromethane	0.0023	U	0.00060	0.0023	0.0046	mg/Kg
106-93-4	1,2-Dibromoethane	0.0023	U	0.00073	0.0023	0.0046	mg/Kg
127-18-4	Tetrachloroethene	0.0023	U	0.00082	0.0023	0.0046	mg/Kg
108-90-7	Chlorobenzene	0.0023	U	0.00068	0.0023	0.0046	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
100-41-4	Ethyl Benzene	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
179601-23-1	m/p-Xylenes	0.0046	U	0.0012	0.0046	0.0092	mg/Kg
1330-20-7	Total Xylenes	0.0069	U	0.0018	0.0069	0.014	mg/Kg
95-47-6	o-Xylene	0.0023	U	0.00064	0.0023	0.0046	mg/Kg
100-42-5	Styrene	0.0023	U	0.00055	0.0023	0.0046	mg/Kg
75-25-2	Bromoform	0.0023	U	0.00074	0.0023	0.0046	mg/Kg
98-82-8	Isopropylbenzene	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0023	U	0.0010	0.0023	0.0046	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0037	U	0.0011	0.0037	0.0046	mg/Kg
108-86-1	Bromobenzene	0.0023	U	0.00060	0.0023	0.0046	mg/Kg
103-65-1	n-propylbenzene	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
95-49-8	2-Chlorotoluene	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
106-43-4	4-Chlorotoluene	0.0023	U	0.00054	0.0023	0.0046	mg/Kg
98-06-6	tert-Butylbenzene	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0023	U	0.0013	0.0023	0.0046	mg/Kg
135-98-8	sec-Butylbenzene	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
99-87-6	p-Isopropyltoluene	0.0023	U	0.00053	0.0023	0.0046	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0023	U	0.00068	0.0023	0.0046	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0023	U	0.00074	0.0023	0.0046	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-09-121224	SDG No.:	P5306
Lab Sample ID:	P5306-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.1
Sample Wt/Vol:	6.04 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020678.D	1		12/20/24 18:02	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0023	U	0.00054	0.0023	0.0046	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0037	UQ	0.0014	0.0037	0.0046	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0023	U	0.00073	0.0023	0.0046	mg/Kg
87-68-3	Hexachlorobutadiene	0.0023	U	0.00074	0.0023	0.0046	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0023	U	0.00074	0.0023	0.0046	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	63.0		71 - 136		126%	SPK: 50
1868-53-7	Dibromofluoromethane	51.5		78 - 119		103%	SPK: 50
2037-26-5	Toluene-d8	55.4		85 - 116		111%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.6		79 - 119		89%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	168000	7.707				
540-36-3	1,4-Difluorobenzene	308000	8.616				
3114-55-4	Chlorobenzene-d5	271000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	109000	13.347				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-10-121224	SDG No.:	P5306
Lab Sample ID:	P5306-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95
Sample Wt/Vol:	5.3 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020680.D	1		12/20/24 18:49	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0040	U	0.0016	0.0040	0.0050	mg/Kg
74-87-3	Chloromethane	0.0025	U	0.0012	0.0025	0.0050	mg/Kg
75-01-4	Vinyl Chloride	0.0025	U	0.00076	0.0025	0.0050	mg/Kg
74-83-9	Bromomethane	0.0040	U	0.0010	0.0040	0.0050	mg/Kg
75-00-3	Chloroethane	0.0025	U	0.0010	0.0025	0.0050	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0052	0.012	0.025	mg/Kg
75-69-4	Trichlorofluoromethane	0.0040	U	0.00090	0.0040	0.0050	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0025	U	0.0011	0.0025	0.0050	mg/Kg
75-35-4	1,1-Dichloroethene	0.0025	U	0.00077	0.0025	0.0050	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0050	0.012	0.025	mg/Kg
67-64-1	Acetone	0.020	U	0.0062	0.020	0.025	mg/Kg
75-15-0	Carbon Disulfide	0.0040	U	0.0013	0.0040	0.0050	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
75-09-2	Methylene Chloride	0.0079	U	0.0034	0.0079	0.0099	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0025	U	0.00083	0.0025	0.0050	mg/Kg
75-34-3	1,1-Dichloroethane	0.0025	U	0.00063	0.0025	0.0050	mg/Kg
78-93-3	2-Butanone	0.020	U	0.0056	0.020	0.025	mg/Kg
56-23-5	Carbon Tetrachloride	0.0025	U	0.00086	0.0025	0.0050	mg/Kg
594-20-7	2,2-Dichloropropane	0.0040	U	0.0016	0.0040	0.0050	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0025	U	0.00061	0.0025	0.0050	mg/Kg
67-66-3	Chloroform	0.0040	U	0.00067	0.0040	0.0050	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0025	U	0.00077	0.0025	0.0050	mg/Kg
563-58-6	1,1-Dichloropropene	0.0025	U	0.00072	0.0025	0.0050	mg/Kg
71-43-2	Benzene	0.0025	U	0.00071	0.0025	0.0050	mg/Kg
107-06-2	1,2-Dichloroethane	0.0025	U	0.00061	0.0025	0.0050	mg/Kg
79-01-6	Trichloroethene	0.0025	U	0.00074	0.0025	0.0050	mg/Kg
78-87-5	1,2-Dichloropropane	0.0025	U	0.00066	0.0025	0.0050	mg/Kg
74-95-3	Dibromomethane	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
75-27-4	Bromodichloromethane	0.0025	U	0.00056	0.0025	0.0050	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0043	0.012	0.025	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	12/12/24	
Project:	Raymark Superfund Site		Date Received:	12/17/24	
Client Sample ID:	OU4-VSL-10-121224		SDG No.:	P5306	
Lab Sample ID:	P5306-07		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	95	
Sample Wt/Vol:	5.3	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group3	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020680.D	1		12/20/24 18:49	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0025	UQ	0.00060	0.0025	0.0050	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0025	U	0.00057	0.0025	0.0050	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0025	U	0.00083	0.0025	0.0050	mg/Kg
142-28-9	1,3-Dichloropropane	0.0025	UQ	0.00059	0.0025	0.0050	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0048	0.012	0.025	mg/Kg
124-48-1	Dibromochloromethane	0.0025	U	0.00065	0.0025	0.0050	mg/Kg
106-93-4	1,2-Dibromoethane	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
127-18-4	Tetrachloroethene	0.0025	U	0.00088	0.0025	0.0050	mg/Kg
108-90-7	Chlorobenzene	0.0025	U	0.00073	0.0025	0.0050	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0025	U	0.00064	0.0025	0.0050	mg/Kg
100-41-4	Ethyl Benzene	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
179601-23-1	m/p-Xylenes	0.0050	U	0.0013	0.0050	0.0099	mg/Kg
1330-20-7	Total Xylenes	0.0075	U	0.0020	0.0075	0.015	mg/Kg
95-47-6	o-Xylene	0.0025	U	0.00070	0.0025	0.0050	mg/Kg
100-42-5	Styrene	0.0025	U	0.00060	0.0025	0.0050	mg/Kg
75-25-2	Bromoform	0.0025	U	0.00080	0.0025	0.0050	mg/Kg
98-82-8	Isopropylbenzene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0025	U	0.0011	0.0025	0.0050	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0040	U	0.0012	0.0040	0.0050	mg/Kg
108-86-1	Bromobenzene	0.0025	U	0.00065	0.0025	0.0050	mg/Kg
103-65-1	n-propylbenzene	0.0025	U	0.00064	0.0025	0.0050	mg/Kg
95-49-8	2-Chlorotoluene	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0025	U	0.00064	0.0025	0.0050	mg/Kg
106-43-4	4-Chlorotoluene	0.0025	U	0.00059	0.0025	0.0050	mg/Kg
98-06-6	tert-Butylbenzene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0025	U	0.0014	0.0025	0.0050	mg/Kg
135-98-8	sec-Butylbenzene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
99-87-6	p-Isopropyltoluene	0.0025	U	0.00058	0.0025	0.0050	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0025	U	0.00073	0.0025	0.0050	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0025	U	0.00079	0.0025	0.0050	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-10-121224	SDG No.:	P5306
Lab Sample ID:	P5306-07	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95
Sample Wt/Vol:	5.3 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020680.D	1		12/20/24 18:49	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0025	U	0.00063	0.0025	0.0050	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0025	U	0.00059	0.0025	0.0050	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0040	UQ	0.0015	0.0040	0.0050	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
87-68-3	Hexachlorobutadiene	0.0025	U	0.00080	0.0025	0.0050	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0025	U	0.00077	0.0025	0.0050	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0025	U	0.00079	0.0025	0.0050	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	61.6		71 - 136		123%	SPK: 50
1868-53-7	Dibromofluoromethane	50.6		78 - 119		101%	SPK: 50
2037-26-5	Toluene-d8	55.6		85 - 116		111%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.3		79 - 119		89%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	164000	7.707				
540-36-3	1,4-Difluorobenzene	303000	8.616				
3114-55-4	Chlorobenzene-d5	266000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	109000	13.347				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224	SDG No.:	P5306
Lab Sample ID:	P5306-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.6
Sample Wt/Vol:	3.92 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020656.D	1		12/19/24 15:36	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0055	U	0.0022	0.0055	0.0068	mg/Kg
74-87-3	Chloromethane	0.0034	U	0.0016	0.0034	0.0068	mg/Kg
75-01-4	Vinyl Chloride	0.0034	U	0.0010	0.0034	0.0068	mg/Kg
74-83-9	Bromomethane	0.0055	U	0.0014	0.0055	0.0068	mg/Kg
75-00-3	Chloroethane	0.0034	U	0.0014	0.0034	0.0068	mg/Kg
109-99-9	Tetrahydrofuran	0.017	U	0.0071	0.017	0.034	mg/Kg
75-69-4	Trichlorofluoromethane	0.0055	U	0.0012	0.0055	0.0068	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0034	U	0.0015	0.0034	0.0068	mg/Kg
75-35-4	1,1-Dichloroethene	0.0034	U	0.0011	0.0034	0.0068	mg/Kg
107-13-1	Acrylonitrile	0.017	U	0.0068	0.017	0.034	mg/Kg
67-64-1	Acetone	0.027	U	0.0085	0.027	0.034	mg/Kg
75-15-0	Carbon Disulfide	0.0055	U	0.0017	0.0055	0.0068	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0034	U	0.00091	0.0034	0.0068	mg/Kg
75-09-2	Methylene Chloride	0.011	U	0.0046	0.011	0.014	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0034	U	0.0011	0.0034	0.0068	mg/Kg
75-34-3	1,1-Dichloroethane	0.0034	U	0.00086	0.0034	0.0068	mg/Kg
78-93-3	2-Butanone	0.027	U	0.0077	0.027	0.034	mg/Kg
56-23-5	Carbon Tetrachloride	0.0034	U	0.0012	0.0034	0.0068	mg/Kg
594-20-7	2,2-Dichloropropane	0.0055	U	0.0022	0.0055	0.0068	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0034	U	0.00083	0.0034	0.0068	mg/Kg
67-66-3	Chloroform	0.0055	U	0.00091	0.0055	0.0068	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0034	U	0.0011	0.0034	0.0068	mg/Kg
563-58-6	1,1-Dichloropropene	0.0034	U	0.00099	0.0034	0.0068	mg/Kg
71-43-2	Benzene	0.0034	U	0.00098	0.0034	0.0068	mg/Kg
107-06-2	1,2-Dichloroethane	0.0034	U	0.00083	0.0034	0.0068	mg/Kg
79-01-6	Trichloroethene	0.0034	U	0.0010	0.0034	0.0068	mg/Kg
78-87-5	1,2-Dichloropropane	0.0034	U	0.00090	0.0034	0.0068	mg/Kg
74-95-3	Dibromomethane	0.0034	U	0.00084	0.0034	0.0068	mg/Kg
75-27-4	Bromodichloromethane	0.0034	U	0.00076	0.0034	0.0068	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.017	U	0.0059	0.017	0.034	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224	SDG No.:	P5306
Lab Sample ID:	P5306-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.6
Sample Wt/Vol:	3.92 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020656.D	1		12/19/24 15:36	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0034	U	0.00091	0.0034	0.0068	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0034	U	0.00082	0.0034	0.0068	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0034	U	0.00078	0.0034	0.0068	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0034	U	0.0011	0.0034	0.0068	mg/Kg
142-28-9	1,3-Dichloropropane	0.0034	U	0.00080	0.0034	0.0068	mg/Kg
591-78-6	2-Hexanone	0.017	U	0.0065	0.017	0.034	mg/Kg
124-48-1	Dibromochloromethane	0.0034	U	0.00089	0.0034	0.0068	mg/Kg
106-93-4	1,2-Dibromoethane	0.0034	U	0.0011	0.0034	0.0068	mg/Kg
127-18-4	Tetrachloroethene	0.0034	U	0.0012	0.0034	0.0068	mg/Kg
108-90-7	Chlorobenzene	0.0034	U	0.0010	0.0034	0.0068	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0034	U	0.00087	0.0034	0.0068	mg/Kg
100-41-4	Ethyl Benzene	0.0034	U	0.00084	0.0034	0.0068	mg/Kg
1330-20-7	Total Xylenes	0.010	U	0.0028	0.010	0.020	mg/Kg
179601-23-1	m/p-Xylenes	0.0068	U	0.0018	0.0068	0.014	mg/Kg
95-47-6	o-Xylene	0.0034	U	0.00095	0.0034	0.0068	mg/Kg
100-42-5	Styrene	0.0034	U	0.00082	0.0034	0.0068	mg/Kg
75-25-2	Bromoform	0.0034	U	0.0011	0.0034	0.0068	mg/Kg
98-82-8	Isopropylbenzene	0.0034	U	0.00091	0.0034	0.0068	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0034	U	0.0015	0.0034	0.0068	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0055	U	0.0016	0.0055	0.0068	mg/Kg
108-86-1	Bromobenzene	0.0034	U	0.00089	0.0034	0.0068	mg/Kg
103-65-1	n-propylbenzene	0.0034	U	0.00087	0.0034	0.0068	mg/Kg
95-49-8	2-Chlorotoluene	0.0034	U	0.00084	0.0034	0.0068	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0034	U	0.00087	0.0034	0.0068	mg/Kg
106-43-4	4-Chlorotoluene	0.0034	U	0.00080	0.0034	0.0068	mg/Kg
98-06-6	tert-Butylbenzene	0.0034	U	0.00091	0.0034	0.0068	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0034	U	0.0019	0.0034	0.0068	mg/Kg
135-98-8	sec-Butylbenzene	0.0034	U	0.00091	0.0034	0.0068	mg/Kg
99-87-6	p-Isopropyltoluene	0.0034	U	0.00079	0.0034	0.0068	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0034	U	0.0010	0.0034	0.0068	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0034	U	0.0011	0.0034	0.0068	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224	SDG No.:	P5306
Lab Sample ID:	P5306-09	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.6
Sample Wt/Vol:	3.92 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020656.D	1		12/19/24 15:36	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0034	U	0.00086	0.0034	0.0068	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0034	U	0.00080	0.0034	0.0068	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0055	U	0.0021	0.0055	0.0068	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0034	U	0.0011	0.0034	0.0068	mg/Kg
87-68-3	Hexachlorobutadiene	0.0034	U	0.0011	0.0034	0.0068	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0034	U	0.0011	0.0034	0.0068	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0034	U	0.0011	0.0034	0.0068	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	62.0		71 - 136		124%	SPK: 50
1868-53-7	Dibromofluoromethane	55.2		78 - 119		110%	SPK: 50
2037-26-5	Toluene-d8	58.7	*	85 - 116		117%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.8		79 - 119		94%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	184000	7.707				
540-36-3	1,4-Difluorobenzene	323000	8.616				
3114-55-4	Chlorobenzene-d5	277000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	112000	13.346				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224RE	SDG No.:	P5306
Lab Sample ID:	P5306-09RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.6
Sample Wt/Vol:	5.23 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020681.D	1		12/20/24 19:13	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0041	U	0.0017	0.0041	0.0051	mg/Kg
74-87-3	Chloromethane	0.0026	U	0.0012	0.0026	0.0051	mg/Kg
75-01-4	Vinyl Chloride	0.0026	U	0.00079	0.0026	0.0051	mg/Kg
74-83-9	Bromomethane	0.0041	U	0.0011	0.0041	0.0051	mg/Kg
75-00-3	Chloroethane	0.0026	U	0.0010	0.0026	0.0051	mg/Kg
109-99-9	Tetrahydrofuran	0.013	U	0.0054	0.013	0.026	mg/Kg
75-69-4	Trichlorofluoromethane	0.0041	U	0.00093	0.0041	0.0051	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0026	U	0.0011	0.0026	0.0051	mg/Kg
75-35-4	1,1-Dichloroethene	0.0026	U	0.00080	0.0026	0.0051	mg/Kg
107-13-1	Acrylonitrile	0.013	U	0.0051	0.013	0.026	mg/Kg
67-64-1	Acetone	0.020	U	0.0064	0.020	0.026	mg/Kg
75-15-0	Carbon Disulfide	0.0041	U	0.0013	0.0041	0.0051	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0026	U	0.00068	0.0026	0.0051	mg/Kg
75-09-2	Methylene Chloride	0.0082	U	0.0035	0.0082	0.010	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0026	U	0.00086	0.0026	0.0051	mg/Kg
75-34-3	1,1-Dichloroethane	0.0026	U	0.00064	0.0026	0.0051	mg/Kg
78-93-3	2-Butanone	0.020	U	0.0058	0.020	0.026	mg/Kg
56-23-5	Carbon Tetrachloride	0.0026	U	0.00089	0.0026	0.0051	mg/Kg
594-20-7	2,2-Dichloropropane	0.0041	U	0.0016	0.0041	0.0051	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0026	U	0.00062	0.0026	0.0051	mg/Kg
67-66-3	Chloroform	0.0041	U	0.00068	0.0041	0.0051	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0026	U	0.00080	0.0026	0.0051	mg/Kg
563-58-6	1,1-Dichloropropene	0.0026	U	0.00075	0.0026	0.0051	mg/Kg
71-43-2	Benzene	0.0026	U	0.00074	0.0026	0.0051	mg/Kg
107-06-2	1,2-Dichloroethane	0.0026	U	0.00062	0.0026	0.0051	mg/Kg
79-01-6	Trichloroethene	0.0026	U	0.00077	0.0026	0.0051	mg/Kg
78-87-5	1,2-Dichloropropane	0.0026	U	0.00067	0.0026	0.0051	mg/Kg
74-95-3	Dibromomethane	0.0026	U	0.00063	0.0026	0.0051	mg/Kg
75-27-4	Bromodichloromethane	0.0026	U	0.00057	0.0026	0.0051	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.013	U	0.0044	0.013	0.026	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-11-121224RE	SDG No.:	P5306
Lab Sample ID:	P5306-09RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	93.6
Sample Wt/Vol:	5.23 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020681.D	1		12/20/24 19:13	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0026	U	0.00068	0.0026	0.0051	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0026	UQ	0.00061	0.0026	0.0051	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0026	U	0.00058	0.0026	0.0051	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0026	U	0.00086	0.0026	0.0051	mg/Kg
142-28-9	1,3-Dichloropropane	0.0026	UQ	0.00060	0.0026	0.0051	mg/Kg
591-78-6	2-Hexanone	0.013	U	0.0049	0.013	0.026	mg/Kg
124-48-1	Dibromochloromethane	0.0026	U	0.00066	0.0026	0.0051	mg/Kg
106-93-4	1,2-Dibromoethane	0.0026	U	0.00081	0.0026	0.0051	mg/Kg
127-18-4	Tetrachloroethene	0.0026	U	0.00091	0.0026	0.0051	mg/Kg
108-90-7	Chlorobenzene	0.0026	U	0.00076	0.0026	0.0051	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0026	U	0.00065	0.0026	0.0051	mg/Kg
100-41-4	Ethyl Benzene	0.0026	U	0.00063	0.0026	0.0051	mg/Kg
179601-23-1	m/p-Xylenes	0.0051	U	0.0014	0.0051	0.010	mg/Kg
1330-20-7	Total Xylenes	0.0077	U	0.0021	0.0077	0.015	mg/Kg
95-47-6	o-Xylene	0.0026	U	0.00071	0.0026	0.0051	mg/Kg
100-42-5	Styrene	0.0026	U	0.00061	0.0026	0.0051	mg/Kg
75-25-2	Bromoform	0.0026	U	0.00083	0.0026	0.0051	mg/Kg
98-82-8	Isopropylbenzene	0.0026	U	0.00068	0.0026	0.0051	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0026	U	0.0011	0.0026	0.0051	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0041	U	0.0012	0.0041	0.0051	mg/Kg
108-86-1	Bromobenzene	0.0026	U	0.00066	0.0026	0.0051	mg/Kg
103-65-1	n-propylbenzene	0.0026	U	0.00065	0.0026	0.0051	mg/Kg
95-49-8	2-Chlorotoluene	0.0026	U	0.00063	0.0026	0.0051	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0026	U	0.00065	0.0026	0.0051	mg/Kg
106-43-4	4-Chlorotoluene	0.0026	U	0.00060	0.0026	0.0051	mg/Kg
98-06-6	tert-Butylbenzene	0.0026	U	0.00068	0.0026	0.0051	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0026	U	0.0014	0.0026	0.0051	mg/Kg
135-98-8	sec-Butylbenzene	0.0026	U	0.00068	0.0026	0.0051	mg/Kg
99-87-6	p-Isopropyltoluene	0.0026	U	0.00059	0.0026	0.0051	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0026	U	0.00076	0.0026	0.0051	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0026	U	0.00082	0.0026	0.0051	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	12/12/24	
Project:	Raymark Superfund Site		Date Received:	12/17/24	
Client Sample ID:	OU4-VSL-11-121224RE		SDG No.:	P5306	
Lab Sample ID:	P5306-09RE		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	93.6	
Sample Wt/Vol:	5.23	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group3	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020681.D	1		12/20/24 19:13	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0026	U	0.00064	0.0026	0.0051	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0026	U	0.00060	0.0026	0.0051	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0041	UQ	0.0016	0.0041	0.0051	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0026	U	0.00081	0.0026	0.0051	mg/Kg
87-68-3	Hexachlorobutadiene	0.0026	U	0.00083	0.0026	0.0051	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0026	U	0.00080	0.0026	0.0051	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0026	U	0.00082	0.0026	0.0051	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	52.4		71 - 136		105%	SPK: 50
1868-53-7	Dibromofluoromethane	54.6		78 - 119		109%	SPK: 50
2037-26-5	Toluene-d8	52.5		85 - 116		105%	SPK: 50
460-00-4	4-Bromofluorobenzene	31.9	*	79 - 119		64%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	29000	7.707				
540-36-3	1,4-Difluorobenzene	44300	8.615				
3114-55-4	Chlorobenzene-d5	33600	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	10200	13.346				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-12-121224	SDG No.:	P5306
Lab Sample ID:	P5306-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.8
Sample Wt/Vol:	5.95 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020700.D	1		12/23/24 18:38	VY122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0037	U	0.0015	0.0037	0.0046	mg/Kg
74-87-3	Chloromethane	0.0023	U	0.0011	0.0023	0.0046	mg/Kg
75-01-4	Vinyl Chloride	0.0023	U	0.00071	0.0023	0.0046	mg/Kg
74-83-9	Bromomethane	0.0037	U	0.00095	0.0037	0.0046	mg/Kg
75-00-3	Chloroethane	0.0023	U	0.00093	0.0023	0.0046	mg/Kg
109-99-9	Tetrahydrofuran	0.012	U	0.0048	0.012	0.023	mg/Kg
75-69-4	Trichlorofluoromethane	0.0037	U	0.00084	0.0037	0.0046	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0023	U	0.00099	0.0023	0.0046	mg/Kg
75-35-4	1,1-Dichloroethene	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
107-13-1	Acrylonitrile	0.012	U	0.0046	0.012	0.023	mg/Kg
67-64-1	Acetone	0.019	U	0.0058	0.019	0.023	mg/Kg
75-15-0	Carbon Disulfide	0.0037	U	0.0012	0.0037	0.0046	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
75-09-2	Methylene Chloride	0.0074	U	0.0032	0.0074	0.0093	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0023	U	0.00078	0.0023	0.0046	mg/Kg
75-34-3	1,1-Dichloroethane	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
78-93-3	2-Butanone	0.019	U	0.0053	0.019	0.023	mg/Kg
56-23-5	Carbon Tetrachloride	0.0023	U	0.00081	0.0023	0.0046	mg/Kg
594-20-7	2,2-Dichloropropane	0.0037	U	0.0015	0.0037	0.0046	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
67-66-3	Chloroform	0.0037	U	0.00062	0.0037	0.0046	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
563-58-6	1,1-Dichloropropene	0.0023	U	0.00068	0.0023	0.0046	mg/Kg
71-43-2	Benzene	0.0023	U	0.00067	0.0023	0.0046	mg/Kg
107-06-2	1,2-Dichloroethane	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
79-01-6	Trichloroethene	0.0023	U	0.00069	0.0023	0.0046	mg/Kg
78-87-5	1,2-Dichloropropane	0.0023	U	0.00061	0.0023	0.0046	mg/Kg
74-95-3	Dibromomethane	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
75-27-4	Bromodichloromethane	0.0023	U	0.00052	0.0023	0.0046	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.012	U	0.0040	0.012	0.023	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-12-121224	SDG No.:	P5306
Lab Sample ID:	P5306-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.8
Sample Wt/Vol:	5.95 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020700.D	1		12/23/24 18:38	VY122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0023	U	0.00053	0.0023	0.0046	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0023	U	0.00078	0.0023	0.0046	mg/Kg
142-28-9	1,3-Dichloropropane	0.0023	U	0.00055	0.0023	0.0046	mg/Kg
591-78-6	2-Hexanone	0.012	U	0.0044	0.012	0.023	mg/Kg
124-48-1	Dibromochloromethane	0.0023	U	0.00060	0.0023	0.0046	mg/Kg
106-93-4	1,2-Dibromoethane	0.0023	U	0.00073	0.0023	0.0046	mg/Kg
127-18-4	Tetrachloroethene	0.0023	U	0.00082	0.0023	0.0046	mg/Kg
108-90-7	Chlorobenzene	0.0023	U	0.00068	0.0023	0.0046	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
100-41-4	Ethyl Benzene	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
179601-23-1	m/p-Xylenes	0.0046	U	0.0012	0.0046	0.0093	mg/Kg
1330-20-7	Total Xylenes	0.0069	U	0.0019	0.0069	0.014	mg/Kg
95-47-6	o-Xylene	0.0023	U	0.00065	0.0023	0.0046	mg/Kg
100-42-5	Styrene	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
75-25-2	Bromoform	0.0023	U	0.00075	0.0023	0.0046	mg/Kg
98-82-8	Isopropylbenzene	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0023	U	0.0010	0.0023	0.0046	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0037	U	0.0011	0.0037	0.0046	mg/Kg
108-86-1	Bromobenzene	0.0023	U	0.00060	0.0023	0.0046	mg/Kg
103-65-1	n-propylbenzene	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
95-49-8	2-Chlorotoluene	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
106-43-4	4-Chlorotoluene	0.0023	U	0.00055	0.0023	0.0046	mg/Kg
98-06-6	tert-Butylbenzene	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0023	U	0.0013	0.0023	0.0046	mg/Kg
135-98-8	sec-Butylbenzene	0.0023	U	0.00062	0.0023	0.0046	mg/Kg
99-87-6	p-Isopropyltoluene	0.0023	U	0.00054	0.0023	0.0046	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0023	U	0.00068	0.0023	0.0046	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0023	U	0.00074	0.0023	0.0046	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-12-121224	SDG No.:	P5306
Lab Sample ID:	P5306-11	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90.8
Sample Wt/Vol:	5.95 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020700.D	1		12/23/24 18:38	VY122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0023	U	0.00055	0.0023	0.0046	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0037	U	0.0014	0.0037	0.0046	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0023	U	0.00073	0.0023	0.0046	mg/Kg
87-68-3	Hexachlorobutadiene	0.0023	U	0.00075	0.0023	0.0046	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0023	U	0.00074	0.0023	0.0046	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	66.1		71 - 136		132%	SPK: 50
1868-53-7	Dibromofluoromethane	54.8		78 - 119		110%	SPK: 50
2037-26-5	Toluene-d8	58.1		85 - 116		116%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.5		79 - 119		101%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	94700	7.719				
540-36-3	1,4-Difluorobenzene	150000	8.622				
3114-55-4	Chlorobenzene-d5	129000	11.426				
3855-82-1	1,4-Dichlorobenzene-d4	55300	13.353				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group		Date Collected:	12/12/24	
Project:	Raymark Superfund Site		Date Received:	12/17/24	
Client Sample ID:	OU4-VSL-13-121224		SDG No.:	P5306	
Lab Sample ID:	P5306-13		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	90	
Sample Wt/Vol:	5.54	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group3	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020658.D	1		12/19/24 16:23	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0040	U	0.0017	0.0040	0.0050	mg/Kg
74-87-3	Chloromethane	0.0025	U	0.0012	0.0025	0.0050	mg/Kg
75-01-4	Vinyl Chloride	0.0025	U	0.00077	0.0025	0.0050	mg/Kg
74-83-9	Bromomethane	0.0040	U	0.0010	0.0040	0.0050	mg/Kg
75-00-3	Chloroethane	0.0025	U	0.0010	0.0025	0.0050	mg/Kg
109-99-9	Tetrahydrofuran	0.013	U	0.0053	0.013	0.025	mg/Kg
75-69-4	Trichlorofluoromethane	0.0040	U	0.00091	0.0040	0.0050	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0025	U	0.0011	0.0025	0.0050	mg/Kg
75-35-4	1,1-Dichloroethene	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
107-13-1	Acrylonitrile	0.013	U	0.0050	0.013	0.025	mg/Kg
67-64-1	Acetone	0.020	U	0.0063	0.020	0.025	mg/Kg
75-15-0	Carbon Disulfide	0.0040	U	0.0013	0.0040	0.0050	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
75-09-2	Methylene Chloride	0.0080	U	0.0034	0.0080	0.010	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0025	U	0.00084	0.0025	0.0050	mg/Kg
75-34-3	1,1-Dichloroethane	0.0025	U	0.00063	0.0025	0.0050	mg/Kg
78-93-3	2-Butanone	0.020	U	0.0057	0.020	0.025	mg/Kg
56-23-5	Carbon Tetrachloride	0.0025	U	0.00087	0.0025	0.0050	mg/Kg
594-20-7	2,2-Dichloropropane	0.0040	U	0.0016	0.0040	0.0050	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0025	U	0.00061	0.0025	0.0050	mg/Kg
67-66-3	Chloroform	0.0040	U	0.00067	0.0040	0.0050	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
563-58-6	1,1-Dichloropropene	0.0025	U	0.00073	0.0025	0.0050	mg/Kg
71-43-2	Benzene	0.0025	U	0.00072	0.0025	0.0050	mg/Kg
107-06-2	1,2-Dichloroethane	0.0025	U	0.00061	0.0025	0.0050	mg/Kg
79-01-6	Trichloroethene	0.0025	U	0.00075	0.0025	0.0050	mg/Kg
78-87-5	1,2-Dichloropropane	0.0025	U	0.00066	0.0025	0.0050	mg/Kg
74-95-3	Dibromomethane	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
75-27-4	Bromodichloromethane	0.0025	U	0.00056	0.0025	0.0050	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.013	U	0.0044	0.013	0.025	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	12/12/24	
Project:	Raymark Superfund Site		Date Received:	12/17/24	
Client Sample ID:	OU4-VSL-13-121224		SDG No.:	P5306	
Lab Sample ID:	P5306-13		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	90	
Sample Wt/Vol:	5.54	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group3	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020658.D	1		12/19/24 16:23	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0025	U	0.00060	0.0025	0.0050	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0025	U	0.00057	0.0025	0.0050	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0025	U	0.00084	0.0025	0.0050	mg/Kg
142-28-9	1,3-Dichloropropane	0.0025	U	0.00059	0.0025	0.0050	mg/Kg
591-78-6	2-Hexanone	0.013	U	0.0048	0.013	0.025	mg/Kg
124-48-1	Dibromochloromethane	0.0025	U	0.00065	0.0025	0.0050	mg/Kg
106-93-4	1,2-Dibromoethane	0.0025	U	0.00079	0.0025	0.0050	mg/Kg
127-18-4	Tetrachloroethene	0.0025	U	0.00089	0.0025	0.0050	mg/Kg
108-90-7	Chlorobenzene	0.0025	U	0.00074	0.0025	0.0050	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0025	U	0.00064	0.0025	0.0050	mg/Kg
100-41-4	Ethyl Benzene	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
179601-23-1	m/p-Xylenes	0.0050	U	0.0014	0.0050	0.010	mg/Kg
1330-20-7	Total Xylenes	0.0075	U	0.0021	0.0075	0.015	mg/Kg
95-47-6	o-Xylene	0.0025	U	0.00070	0.0025	0.0050	mg/Kg
100-42-5	Styrene	0.0025	U	0.00060	0.0025	0.0050	mg/Kg
75-25-2	Bromoform	0.0025	U	0.00081	0.0025	0.0050	mg/Kg
98-82-8	Isopropylbenzene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0025	U	0.0011	0.0025	0.0050	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0040	U	0.0012	0.0040	0.0050	mg/Kg
108-86-1	Bromobenzene	0.0025	U	0.00065	0.0025	0.0050	mg/Kg
103-65-1	n-propylbenzene	0.0025	U	0.00064	0.0025	0.0050	mg/Kg
95-49-8	2-Chlorotoluene	0.0025	U	0.00062	0.0025	0.0050	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0025	U	0.00064	0.0025	0.0050	mg/Kg
106-43-4	4-Chlorotoluene	0.0025	U	0.00059	0.0025	0.0050	mg/Kg
98-06-6	tert-Butylbenzene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0025	U	0.0014	0.0025	0.0050	mg/Kg
135-98-8	sec-Butylbenzene	0.0025	U	0.00067	0.0025	0.0050	mg/Kg
99-87-6	p-Isopropyltoluene	0.0025	U	0.00058	0.0025	0.0050	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0025	U	0.00074	0.0025	0.0050	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0025	U	0.00080	0.0025	0.0050	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	12/12/24	
Project:	Raymark Superfund Site		Date Received:	12/17/24	
Client Sample ID:	OU4-VSL-13-121224		SDG No.:	P5306	
Lab Sample ID:	P5306-13		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	90	
Sample Wt/Vol:	5.54	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group3	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020658.D	1		12/19/24 16:23	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0025	U	0.00063	0.0025	0.0050	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0025	U	0.00059	0.0025	0.0050	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0040	U	0.0016	0.0040	0.0050	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0025	U	0.00079	0.0025	0.0050	mg/Kg
87-68-3	Hexachlorobutadiene	0.0025	U	0.00081	0.0025	0.0050	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0025	U	0.00078	0.0025	0.0050	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0025	U	0.00080	0.0025	0.0050	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	59.2		71 - 136		118%	SPK: 50
1868-53-7	Dibromofluoromethane	53.0		78 - 119		106%	SPK: 50
2037-26-5	Toluene-d8	58.3	*	85 - 116		117%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.0		79 - 119		90%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	181000	7.713				
540-36-3	1,4-Difluorobenzene	321000	8.616				
3114-55-4	Chlorobenzene-d5	275000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	108000	13.347				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-13-121224RE	SDG No.:	P5306
Lab Sample ID:	P5306-13RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90
Sample Wt/Vol:	6.08 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020679.D	1		12/20/24 18:26	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0037	U	0.0015	0.0037	0.0046	mg/Kg
74-87-3	Chloromethane	0.0023	U	0.0011	0.0023	0.0046	mg/Kg
75-01-4	Vinyl Chloride	0.0023	U	0.00070	0.0023	0.0046	mg/Kg
74-83-9	Bromomethane	0.0037	U	0.00094	0.0037	0.0046	mg/Kg
75-00-3	Chloroethane	0.0023	U	0.00092	0.0023	0.0046	mg/Kg
109-99-9	Tetrahydrofuran	0.011	U	0.0048	0.011	0.023	mg/Kg
75-69-4	Trichlorofluoromethane	0.0037	U	0.00083	0.0037	0.0046	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0023	U	0.00098	0.0023	0.0046	mg/Kg
75-35-4	1,1-Dichloroethene	0.0023	U	0.00071	0.0023	0.0046	mg/Kg
107-13-1	Acrylonitrile	0.011	U	0.0046	0.011	0.023	mg/Kg
67-64-1	Acetone	0.018	U	0.0057	0.018	0.023	mg/Kg
75-15-0	Carbon Disulfide	0.0037	U	0.0012	0.0037	0.0046	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0023	U	0.00061	0.0023	0.0046	mg/Kg
75-09-2	Methylene Chloride	0.0073	U	0.0031	0.0073	0.0091	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0023	U	0.00077	0.0023	0.0046	mg/Kg
75-34-3	1,1-Dichloroethane	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
78-93-3	2-Butanone	0.018	U	0.0052	0.018	0.023	mg/Kg
56-23-5	Carbon Tetrachloride	0.0023	U	0.00079	0.0023	0.0046	mg/Kg
594-20-7	2,2-Dichloropropane	0.0037	U	0.0015	0.0037	0.0046	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
67-66-3	Chloroform	0.0037	U	0.00061	0.0037	0.0046	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0023	U	0.00071	0.0023	0.0046	mg/Kg
563-58-6	1,1-Dichloropropene	0.0023	U	0.00067	0.0023	0.0046	mg/Kg
71-43-2	Benzene	0.0023	U	0.00066	0.0023	0.0046	mg/Kg
107-06-2	1,2-Dichloroethane	0.0023	U	0.00056	0.0023	0.0046	mg/Kg
79-01-6	Trichloroethene	0.0023	U	0.00069	0.0023	0.0046	mg/Kg
78-87-5	1,2-Dichloropropane	0.0023	U	0.00060	0.0023	0.0046	mg/Kg
74-95-3	Dibromomethane	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
75-27-4	Bromodichloromethane	0.0023	U	0.00051	0.0023	0.0046	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.011	U	0.0040	0.011	0.023	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	12/12/24	
Project:	Raymark Superfund Site		Date Received:	12/17/24	
Client Sample ID:	OU4-VSL-13-121224RE		SDG No.:	P5306	
Lab Sample ID:	P5306-13RE		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	90	
Sample Wt/Vol:	6.08	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group3	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020679.D	1		12/20/24 18:26	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0023	U	0.00061	0.0023	0.0046	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0023	UQ	0.00055	0.0023	0.0046	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0023	U	0.00052	0.0023	0.0046	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0023	U	0.00077	0.0023	0.0046	mg/Kg
142-28-9	1,3-Dichloropropane	0.0023	UQ	0.00054	0.0023	0.0046	mg/Kg
591-78-6	2-Hexanone	0.011	U	0.0044	0.011	0.023	mg/Kg
124-48-1	Dibromochloromethane	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
106-93-4	1,2-Dibromoethane	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
127-18-4	Tetrachloroethene	0.0023	U	0.00081	0.0023	0.0046	mg/Kg
108-90-7	Chlorobenzene	0.0023	U	0.00068	0.0023	0.0046	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
100-41-4	Ethyl Benzene	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
179601-23-1	m/p-Xylenes	0.0046	U	0.0012	0.0046	0.0091	mg/Kg
1330-20-7	Total Xylenes	0.0069	U	0.0018	0.0069	0.014	mg/Kg
95-47-6	o-Xylene	0.0023	U	0.00064	0.0023	0.0046	mg/Kg
100-42-5	Styrene	0.0023	U	0.00055	0.0023	0.0046	mg/Kg
75-25-2	Bromoform	0.0023	U	0.00074	0.0023	0.0046	mg/Kg
98-82-8	Isopropylbenzene	0.0023	U	0.00061	0.0023	0.0046	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0023	U	0.0010	0.0023	0.0046	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0037	U	0.0011	0.0037	0.0046	mg/Kg
108-86-1	Bromobenzene	0.0023	U	0.00059	0.0023	0.0046	mg/Kg
103-65-1	n-propylbenzene	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
95-49-8	2-Chlorotoluene	0.0023	U	0.00057	0.0023	0.0046	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
106-43-4	4-Chlorotoluene	0.0023	U	0.00054	0.0023	0.0046	mg/Kg
98-06-6	tert-Butylbenzene	0.0023	U	0.00061	0.0023	0.0046	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0023	U	0.0013	0.0023	0.0046	mg/Kg
135-98-8	sec-Butylbenzene	0.0023	U	0.00061	0.0023	0.0046	mg/Kg
99-87-6	p-Isopropyltoluene	0.0023	U	0.00053	0.0023	0.0046	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0023	U	0.00068	0.0023	0.0046	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0023	U	0.00073	0.0023	0.0046	mg/Kg

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-13-121224RE	SDG No.:	P5306
Lab Sample ID:	P5306-13RE	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	90
Sample Wt/Vol:	6.08 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020679.D	1		12/20/24 18:26	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0023	U	0.00058	0.0023	0.0046	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0023	U	0.00054	0.0023	0.0046	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0037	UQ	0.0014	0.0037	0.0046	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0023	U	0.00072	0.0023	0.0046	mg/Kg
87-68-3	Hexachlorobutadiene	0.0023	U	0.00074	0.0023	0.0046	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0023	U	0.00071	0.0023	0.0046	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0023	U	0.00073	0.0023	0.0046	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	28.1	*	71 - 136		56%	SPK: 50
1868-53-7	Dibromofluoromethane	44.6		78 - 119		89%	SPK: 50
2037-26-5	Toluene-d8	45.0		85 - 116		90%	SPK: 50
460-00-4	4-Bromofluorobenzene	14.7	*	79 - 119		29%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	13300	7.707				
540-36-3	1,4-Difluorobenzene	17500	8.615				
3114-55-4	Chlorobenzene-d5	9410	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	1300	13.346				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

Report of Analysis

Client:	Nobis Group	Date Collected:	12/12/24
Project:	Raymark Superfund Site	Date Received:	12/17/24
Client Sample ID:	OU4-VSL-14-121224	SDG No.:	P5306
Lab Sample ID:	P5306-15	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	95.9
Sample Wt/Vol:	4.9 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020701.D	1		12/23/24 19:01	VY122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	0.0043	U	0.0018	0.0043	0.0053	mg/Kg
74-87-3	Chloromethane	0.0027	U	0.0012	0.0027	0.0053	mg/Kg
75-01-4	Vinyl Chloride	0.0027	U	0.00082	0.0027	0.0053	mg/Kg
74-83-9	Bromomethane	0.0043	U	0.0011	0.0043	0.0053	mg/Kg
75-00-3	Chloroethane	0.0027	U	0.0011	0.0027	0.0053	mg/Kg
109-99-9	Tetrahydrofuran	0.013	U	0.0056	0.013	0.027	mg/Kg
75-69-4	Trichlorofluoromethane	0.0043	U	0.00097	0.0043	0.0053	mg/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.0027	U	0.0011	0.0027	0.0053	mg/Kg
75-35-4	1,1-Dichloroethene	0.0027	U	0.00083	0.0027	0.0053	mg/Kg
107-13-1	Acrylonitrile	0.013	U	0.0053	0.013	0.027	mg/Kg
67-64-1	Acetone	0.021	U	0.0066	0.021	0.027	mg/Kg
75-15-0	Carbon Disulfide	0.0043	U	0.0014	0.0043	0.0053	mg/Kg
1634-04-4	Methyl tert-butyl Ether	0.0027	U	0.00071	0.0027	0.0053	mg/Kg
75-09-2	Methylene Chloride	0.0085	U	0.0036	0.0085	0.011	mg/Kg
156-60-5	trans-1,2-Dichloroethene	0.0027	U	0.00089	0.0027	0.0053	mg/Kg
75-34-3	1,1-Dichloroethane	0.0027	U	0.00067	0.0027	0.0053	mg/Kg
78-93-3	2-Butanone	0.021	U	0.0060	0.021	0.027	mg/Kg
56-23-5	Carbon Tetrachloride	0.0027	U	0.00093	0.0027	0.0053	mg/Kg
594-20-7	2,2-Dichloropropane	0.0043	U	0.0017	0.0043	0.0053	mg/Kg
156-59-2	cis-1,2-Dichloroethene	0.0027	U	0.00065	0.0027	0.0053	mg/Kg
67-66-3	Chloroform	0.0043	U	0.00071	0.0043	0.0053	mg/Kg
71-55-6	1,1,1-Trichloroethane	0.0027	U	0.00083	0.0027	0.0053	mg/Kg
563-58-6	1,1-Dichloropropene	0.0027	U	0.00078	0.0027	0.0053	mg/Kg
71-43-2	Benzene	0.0027	U	0.00077	0.0027	0.0053	mg/Kg
107-06-2	1,2-Dichloroethane	0.0027	U	0.00065	0.0027	0.0053	mg/Kg
79-01-6	Trichloroethene	0.0027	U	0.00080	0.0027	0.0053	mg/Kg
78-87-5	1,2-Dichloropropane	0.0027	U	0.00070	0.0027	0.0053	mg/Kg
74-95-3	Dibromomethane	0.0027	U	0.00066	0.0027	0.0053	mg/Kg
75-27-4	Bromodichloromethane	0.0027	U	0.00060	0.0027	0.0053	mg/Kg
108-10-1	4-Methyl-2-Pentanone	0.013	U	0.0046	0.013	0.027	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	12/12/24	
Project:	Raymark Superfund Site		Date Received:	12/17/24	
Client Sample ID:	OU4-VSL-14-121224		SDG No.:	P5306	
Lab Sample ID:	P5306-15		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	95.9	
Sample Wt/Vol:	4.9	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group3	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020701.D	1		12/23/24 19:01	VY122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	0.0027	U	0.00071	0.0027	0.0053	mg/Kg
10061-02-6	t-1,3-Dichloropropene	0.0027	U	0.00064	0.0027	0.0053	mg/Kg
10061-01-5	cis-1,3-Dichloropropene	0.0027	U	0.00061	0.0027	0.0053	mg/Kg
79-00-5	1,1,2-Trichloroethane	0.0027	U	0.00089	0.0027	0.0053	mg/Kg
142-28-9	1,3-Dichloropropane	0.0027	U	0.00063	0.0027	0.0053	mg/Kg
591-78-6	2-Hexanone	0.013	U	0.0051	0.013	0.027	mg/Kg
124-48-1	Dibromochloromethane	0.0027	U	0.00069	0.0027	0.0053	mg/Kg
106-93-4	1,2-Dibromoethane	0.0027	U	0.00084	0.0027	0.0053	mg/Kg
127-18-4	Tetrachloroethene	0.0027	U	0.00095	0.0027	0.0053	mg/Kg
108-90-7	Chlorobenzene	0.0027	U	0.00079	0.0027	0.0053	mg/Kg
630-20-6	1,1,1,2-Tetrachloroethane	0.0027	U	0.00068	0.0027	0.0053	mg/Kg
100-41-4	Ethyl Benzene	0.0027	U	0.00066	0.0027	0.0053	mg/Kg
179601-23-1	m/p-Xylenes	0.0053	U	0.0014	0.0053	0.011	mg/Kg
1330-20-7	Total Xylenes	0.0080	U	0.0021	0.0080	0.016	mg/Kg
95-47-6	o-Xylene	0.0027	U	0.00074	0.0027	0.0053	mg/Kg
100-42-5	Styrene	0.0027	U	0.00064	0.0027	0.0053	mg/Kg
75-25-2	Bromoform	0.0027	U	0.00086	0.0027	0.0053	mg/Kg
98-82-8	Isopropylbenzene	0.0027	U	0.00071	0.0027	0.0053	mg/Kg
79-34-5	1,1,2,2-Tetrachloroethane	0.0027	U	0.0012	0.0027	0.0053	mg/Kg
96-18-4	1,2,3-Trichloropropane	0.0043	U	0.0012	0.0043	0.0053	mg/Kg
108-86-1	Bromobenzene	0.0027	U	0.00069	0.0027	0.0053	mg/Kg
103-65-1	n-propylbenzene	0.0027	U	0.00068	0.0027	0.0053	mg/Kg
95-49-8	2-Chlorotoluene	0.0027	U	0.00066	0.0027	0.0053	mg/Kg
108-67-8	1,3,5-Trimethylbenzene	0.0027	U	0.00068	0.0027	0.0053	mg/Kg
106-43-4	4-Chlorotoluene	0.0027	U	0.00063	0.0027	0.0053	mg/Kg
98-06-6	tert-Butylbenzene	0.0027	U	0.00071	0.0027	0.0053	mg/Kg
95-63-6	1,2,4-Trimethylbenzene	0.0027	U	0.0015	0.0027	0.0053	mg/Kg
135-98-8	sec-Butylbenzene	0.0027	U	0.00071	0.0027	0.0053	mg/Kg
99-87-6	p-Isopropyltoluene	0.0027	U	0.00062	0.0027	0.0053	mg/Kg
541-73-1	1,3-Dichlorobenzene	0.0027	U	0.00079	0.0027	0.0053	mg/Kg
106-46-7	1,4-Dichlorobenzene	0.0027	U	0.00085	0.0027	0.0053	mg/Kg

Report of Analysis

Client:	Nobis Group		Date Collected:	12/12/24	
Project:	Raymark Superfund Site		Date Received:	12/17/24	
Client Sample ID:	OU4-VSL-14-121224		SDG No.:	P5306	
Lab Sample ID:	P5306-15		Matrix:	SOIL	
Analytical Method:	SW8260		% Solid:	95.9	
Sample Wt/Vol:	4.9	Units: g	Final Vol:	5000	uL
Soil Aliquot Vol:		uL	Test:	VOCMS Group3	
GC Column:	RXI-624	ID : 0.25	Level :	LOW	
Prep Method :					

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY020701.D	1		12/23/24 19:01	VY122324

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	0.0027	U	0.00067	0.0027	0.0053	mg/Kg
95-50-1	1,2-Dichlorobenzene	0.0027	U	0.00063	0.0027	0.0053	mg/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	0.0043	U	0.0017	0.0043	0.0053	mg/Kg
120-82-1	1,2,4-Trichlorobenzene	0.0027	U	0.00084	0.0027	0.0053	mg/Kg
87-68-3	Hexachlorobutadiene	0.0027	U	0.00086	0.0027	0.0053	mg/Kg
87-61-6	1,2,3-Trichlorobenzene	0.0027	U	0.00083	0.0027	0.0053	mg/Kg
110-57-6	trans-1,4-Dichloro-2-butene	0.0027	U	0.00085	0.0027	0.0053	mg/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	64.5		71 - 136		129%	SPK: 50
1868-53-7	Dibromofluoromethane	54.4		78 - 119		109%	SPK: 50
2037-26-5	Toluene-d8	57.4		85 - 116		115%	SPK: 50
460-00-4	4-Bromofluorobenzene	49.7		79 - 119		99%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	94800	7.719				
540-36-3	1,4-Difluorobenzene	153000	8.622				
3114-55-4	Chlorobenzene-d5	128000	11.42				
3855-82-1	1,4-Dichlorobenzene-d4	54200	13.353				

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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

() = Laboratory InHouse Limit

A = Aldol-Condensation Reaction Products

LAB CHRONICLE

OrderID:	P5306	OrderDate:	12/17/2024 10:24:00 AM
Client:	Nobis Group	Project:	Raymark Superfund Site
Contact:	Adam Roy	Location:	L41,L61,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5306-01	OU4-VSL-07-121224	SOIL	VOCMS Group3	8260D	12/12/24		12/19/24	12/17/24
P5306-03	OU4-VSL-08-121224	SOIL	VOCMS Group3	8260D	12/12/24		12/20/24	12/17/24
P5306-05	OU4-VSL-09-121224	SOIL	VOCMS Group3	8260D	12/12/24		12/20/24	12/17/24
P5306-07	OU4-VSL-10-121224	SOIL	VOCMS Group3	8260D	12/12/24		12/20/24	12/17/24
P5306-09	OU4-VSL-11-121224	SOIL	VOCMS Group3	8260D	12/12/24		12/19/24	12/17/24
P5306-09RE	OU4-VSL-11-121224R E	SOIL	VOCMS Group3	8260D	12/12/24		12/20/24	12/17/24
P5306-11	OU4-VSL-12-121224	SOIL	VOCMS Group3	8260D	12/12/24		12/23/24	12/17/24
P5306-13	OU4-VSL-13-121224	SOIL	VOCMS Group3	8260D	12/12/24		12/19/24	12/17/24
P5306-13RE	OU4-VSL-13-121224R E	SOIL	VOCMS Group3	8260D	12/12/24		12/20/24	12/17/24
P5306-15	OU4-VSL-14-121224	SOIL	VOCMS Group3	8260D	12/12/24		12/23/24	12/17/24