

Report of Analysis

Client:	Nobis Group		Date Collected:	
Project:	Raymark Superfund Site		Date Received:	
Client Sample ID:	VY1220SBSD01		SDG No.:	P5306
Lab Sample ID:	VY1220SBSD01		Matrix:	SOIL
Analytical Method:	8260D		% Solid:	100
Sample Wt/Vol:	5	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
VY020667.D	1		12/20/24 13:34	VY122024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	23.9		1.70	4.00	5.00	ug/Kg
74-87-3	Chloromethane	18.3		1.20	2.50	5.00	ug/Kg
75-01-4	Vinyl Chloride	15.5		0.77	2.50	5.00	ug/Kg
74-83-9	Bromomethane	15.1		1.00	4.00	5.00	ug/Kg
75-00-3	Chloroethane	14.5		1.00	2.50	5.00	ug/Kg
109-99-9	Tetrahydrofuran	100		5.20	12.5	25.0	ug/Kg
75-69-4	Trichlorofluoromethane	16.7		0.91	4.00	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	14.2		1.10	2.50	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	14.0		0.78	2.50	5.00	ug/Kg
107-13-1	Acrylonitrile	62.8		5.00	12.5	25.0	ug/Kg
67-64-1	Acetone	56.1		6.20	20.0	25.0	ug/Kg
75-15-0	Carbon Disulfide	14.0		1.30	4.00	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	14.3		0.67	2.50	5.00	ug/Kg
75-09-2	Methylene Chloride	13.3		3.40	8.00	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	14.3		0.84	2.50	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	13.9		0.63	2.50	5.00	ug/Kg
78-93-3	2-Butanone	91.5		5.70	20.0	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	22.2		0.87	2.50	5.00	ug/Kg
594-20-7	2,2-Dichloropropane	18.7		1.60	4.00	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	19.0		0.61	2.50	5.00	ug/Kg
67-66-3	Chloroform	18.0		0.67	4.00	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.2		0.78	2.50	5.00	ug/Kg
563-58-6	1,1-Dichloropropene	22.0		0.73	2.50	5.00	ug/Kg
71-43-2	Benzene	22.1		0.72	2.50	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	22.1		0.61	2.50	5.00	ug/Kg
79-01-6	Trichloroethene	22.5		0.75	2.50	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	22.4		0.66	2.50	5.00	ug/Kg
74-95-3	Dibromomethane	22.3		0.62	2.50	5.00	ug/Kg
75-27-4	Bromodichloromethane	22.0		0.56	2.50	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	110		4.40	12.5	25.0	ug/Kg

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108-88-3	Toluene	22.1		0.67	2.50	5.00	ug/Kg
10061-02-6	t-1,3-Dichloropropene	21.6		0.60	2.50	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	21.8		0.57	2.50	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	22.4		0.84	2.50	5.00	ug/Kg
142-28-9	1,3-Dichloropropane	22.1		0.59	2.50	5.00	ug/Kg
591-78-6	2-Hexanone	110		4.80	12.5	25.0	ug/Kg
124-48-1	Dibromochloromethane	22.2		0.65	2.50	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	22.8		0.79	2.50	5.00	ug/Kg
127-18-4	Tetrachloroethene	22.1		0.89	2.50	5.00	ug/Kg
108-90-7	Chlorobenzene	22.4		0.74	2.50	5.00	ug/Kg
630-20-6	1,1,1,2-Tetrachloroethane	22.8		0.64	2.50	5.00	ug/Kg
100-41-4	Ethyl Benzene	22.1		0.62	2.50	5.00	ug/Kg
179601-23-1	m/p-Xylenes	44.3		1.40	5.00	10.0	ug/Kg
1330-20-7	Total Xylenes	66.4		2.10	7.50	15.0	ug/Kg
95-47-6	o-Xylene	22.1		0.70	2.50	5.00	ug/Kg
100-42-5	Styrene	22.3		0.60	2.50	5.00	ug/Kg
75-25-2	Bromoform	22.6		0.81	2.50	5.00	ug/Kg
98-82-8	Isopropylbenzene	21.5		0.67	2.50	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	22.1		1.10	2.50	5.00	ug/Kg
96-18-4	1,2,3-Trichloropropane	23.0		1.20	4.00	5.00	ug/Kg
108-86-1	Bromobenzene	21.4		0.65	2.50	5.00	ug/Kg
103-65-1	n-propylbenzene	21.4		0.64	2.50	5.00	ug/Kg
95-49-8	2-Chlorotoluene	21.6		0.62	2.50	5.00	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	21.7		0.64	2.50	5.00	ug/Kg
106-43-4	4-Chlorotoluene	21.7		0.59	2.50	5.00	ug/Kg
98-06-6	tert-Butylbenzene	21.4		0.67	2.50	5.00	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	21.8		1.40	2.50	5.00	ug/Kg
135-98-8	sec-Butylbenzene	21.5		0.67	2.50	5.00	ug/Kg
99-87-6	p-Isopropyltoluene	21.6		0.58	2.50	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	21.4		0.74	2.50	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	21.5		0.80	2.50	5.00	ug/Kg

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104-51-8	n-Butylbenzene	21.2		0.63	2.50	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	21.5		0.59	2.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	21.2		1.60	4.00	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.6		0.79	2.50	5.00	ug/Kg
87-68-3	Hexachlorobutadiene	21.0		0.81	2.50	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	20.8		0.78	2.50	5.00	ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	21.6		0.80	2.50	5.00	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	53.0		71 - 136		106%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		78 - 119		104%	SPK: 50
2037-26-5	Toluene-d8	53.9		85 - 116		108%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		79 - 119		103%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	155000	7.707				
540-36-3	1,4-Difluorobenzene	239000	8.616				
3114-55-4	Chlorobenzene-d5	208000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	119000	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