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

Report of Analysis

Client:	Nobis Group	Date Collected:	
Project:	Raymark Superfund Site	Date Received:	
Client Sample ID:	VY1219SBSD01	SDG No.:	P5306
Lab Sample ID:	VY1219SBSD01	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
VY020648.D	1		12/19/24 12:16	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
TARGETS							
75-71-8	Dichlorodifluoromethane	18.8		1.70	4.00	5.00	ug/Kg
74-87-3	Chloromethane	14.7		1.20	2.50	5.00	ug/Kg
75-01-4	Vinyl Chloride	15.2		0.77	2.50	5.00	ug/Kg
74-83-9	Bromomethane	15.6		1.00	4.00	5.00	ug/Kg
75-00-3	Chloroethane	15.0		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	17.3		0.91	4.00	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	16.6		1.10	2.50	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	16.0		0.78	2.50	5.00	ug/Kg
107-13-1	Acrylonitrile	100		5.00	12.5	25.0	ug/Kg
67-64-1	Acetone	72.3		6.20	20.0	25.0	ug/Kg
75-15-0	Carbon Disulfide	16.2		1.30	4.00	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	21.3		0.67	2.50	5.00	ug/Kg
75-09-2	Methylene Chloride	19.2		3.40	8.00	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.5		0.84	2.50	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.6		0.63	2.50	5.00	ug/Kg
78-93-3	2-Butanone	92.8		5.70	20.0	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	19.8		0.87	2.50	5.00	ug/Kg
594-20-7	2,2-Dichloropropane	17.2		1.60	4.00	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.6		0.61	2.50	5.00	ug/Kg
67-66-3	Chloroform	17.8		0.67	4.00	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.5		0.78	2.50	5.00	ug/Kg
563-58-6	1,1-Dichloropropene	19.5		0.73	2.50	5.00	ug/Kg
71-43-2	Benzene	20.1		0.72	2.50	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.4		0.61	2.50	5.00	ug/Kg
79-01-6	Trichloroethene	20.3		0.75	2.50	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.8		0.66	2.50	5.00	ug/Kg
74-95-3	Dibromomethane	20.5		0.62	2.50	5.00	ug/Kg
75-27-4	Bromodichloromethane	20.6		0.56	2.50	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	97.8		4.40	12.5	25.0	ug/Kg

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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
VY020648.D	1		12/19/24 12:16	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
108-88-3	Toluene	20.3		0.67	2.50	5.00	ug/Kg
10061-02-6	t-1,3-Dichloropropene	20.2		0.60	2.50	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.1		0.57	2.50	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.8		0.84	2.50	5.00	ug/Kg
142-28-9	1,3-Dichloropropane	20.8		0.59	2.50	5.00	ug/Kg
591-78-6	2-Hexanone	97.3		4.80	12.5	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.7		0.65	2.50	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.5		0.79	2.50	5.00	ug/Kg
127-18-4	Tetrachloroethene	19.9		0.89	2.50	5.00	ug/Kg
108-90-7	Chlorobenzene	20.8		0.74	2.50	5.00	ug/Kg
630-20-6	1,1,1,2-Tetrachloroethane	21.1		0.64	2.50	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.4		0.62	2.50	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.7		1.40	5.00	10.0	ug/Kg
1330-20-7	Total Xylenes	61.3		2.10	7.50	15.0	ug/Kg
95-47-6	o-Xylene	20.6		0.70	2.50	5.00	ug/Kg
100-42-5	Styrene	20.8		0.60	2.50	5.00	ug/Kg
75-25-2	Bromoform	21.5		0.81	2.50	5.00	ug/Kg
98-82-8	Isopropylbenzene	20.3		0.67	2.50	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	21.2		1.10	2.50	5.00	ug/Kg
96-18-4	1,2,3-Trichloropropane	21.0		1.20	4.00	5.00	ug/Kg
108-86-1	Bromobenzene	21.2		0.65	2.50	5.00	ug/Kg
103-65-1	n-propylbenzene	20.5		0.64	2.50	5.00	ug/Kg
95-49-8	2-Chlorotoluene	20.6		0.62	2.50	5.00	ug/Kg
108-67-8	1,3,5-Trimethylbenzene	20.5		0.64	2.50	5.00	ug/Kg
106-43-4	4-Chlorotoluene	20.4		0.59	2.50	5.00	ug/Kg
98-06-6	tert-Butylbenzene	20.6		0.67	2.50	5.00	ug/Kg
95-63-6	1,2,4-Trimethylbenzene	20.9		1.40	2.50	5.00	ug/Kg
135-98-8	sec-Butylbenzene	20.4		0.67	2.50	5.00	ug/Kg
99-87-6	p-Isopropyltoluene	20.5		0.58	2.50	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	21.0		0.74	2.50	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	20.8		0.80	2.50	5.00	ug/Kg

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VY020648.D	1		12/19/24 12:16	VY121924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units(Dry Weight)
104-51-8	n-Butylbenzene	20.1		0.63	2.50	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.9		0.59	2.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		1.60	4.00	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.5		0.79	2.50	5.00	ug/Kg
87-68-3	Hexachlorobutadiene	20.7		0.81	2.50	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	21.0		0.78	2.50	5.00	ug/Kg
110-57-6	trans-1,4-Dichloro-2-butene	19.4		0.80	2.50	5.00	ug/Kg
SURROGATES							
17060-07-0	1,2-Dichloroethane-d4	45.5		71 - 136		91%	SPK: 50
1868-53-7	Dibromofluoromethane	44.8		78 - 119		90%	SPK: 50
2037-26-5	Toluene-d8	45.3		85 - 116		91%	SPK: 50
460-00-4	4-Bromofluorobenzene	43.4		79 - 119		87%	SPK: 50
INTERNAL STANDARDS							
363-72-4	Pentafluorobenzene	187000	7.707				
540-36-3	1,4-Difluorobenzene	297000	8.616				
3114-55-4	Chlorobenzene-d5	260000	11.414				
3855-82-1	1,4-Dichlorobenzene-d4	146000	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