

Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	
Project:	Former Schlumberger Site Princeton NJ	Date Received:	
Client Sample ID:	VY0821SBS02	SDG No.:	P3671
Lab Sample ID:	VY0821SBS02	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group5
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY019193.D	1		08/22/24 02:34	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	22.4		1.70	5.00	ug/Kg
74-87-3	Chloromethane	19.7		1.20	5.00	ug/Kg
75-01-4	Vinyl Chloride	18.8		0.77	5.00	ug/Kg
74-83-9	Bromomethane	20.0		1.00	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	20.5		1.10	5.00	ug/Kg
67-64-1	Acetone	100		6.20	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.1		1.30	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	22.0		0.67	5.00	ug/Kg
75-09-2	Methylene Chloride	21.2		3.40	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.0		0.84	5.00	ug/Kg
110-82-7	Cyclohexane	16.5		0.69	5.00	ug/Kg
78-93-3	2-Butanone	91.8		5.70	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	18.8		0.87	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.6		0.61	5.00	ug/Kg
67-66-3	Chloroform	20.3		0.67	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	19.9		0.78	5.00	ug/Kg
108-87-2	Methylcyclohexane	16.6		0.87	5.00	ug/Kg
71-43-2	Benzene	18.9		0.72	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	19.0		0.61	5.00	ug/Kg
79-01-6	Trichloroethene	18.7		0.75	5.00	ug/Kg
75-27-4	Bromodichloromethane	19.2		0.56	5.00	ug/Kg
108-88-3	Toluene	18.8		0.67	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	19.3		0.84	5.00	ug/Kg
124-48-1	Dibromochloromethane	17.9		0.65	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.7		0.89	5.00	ug/Kg
108-90-7	Chlorobenzene	19.3		0.74	5.00	ug/Kg
100-41-4	Ethyl Benzene	18.4		0.62	5.00	ug/Kg
179601-23-1	m/p-Xylenes	37.7		1.40	10.0	ug/Kg
1330-20-7	Total Xylenes	57.0		2.10	15.0	ug/Kg
95-47-6	o-Xylene	19.3		0.70	5.00	ug/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
98-82-8	Isopropylbenzene	19.4		0.67	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	18.6		0.80	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	19.0		0.59	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.8		70 (50) - 130 (163)	100%	SPK: 50
1868-53-7	Dibromofluoromethane	50.5		70 (54) - 130 (147)	101%	SPK: 50
2037-26-5	Toluene-d8	50.0		70 (58) - 130 (134)	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.0		70 (29) - 130 (146)	96%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	113000	7.701			
540-36-3	1,4-Difluorobenzene	186000	8.61			
3114-55-4	Chlorobenzene-d5	159000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	75900	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