

Report of Analysis

Client:	JACOBS Engineering Group, Inc.		Date Collected:	
Project:	Former Schlumberger Site Princeton NJ		Date Received:	
Client Sample ID:	VY0821SBSD02		SDG No.:	P3671
Lab Sample ID:	VY0821SBSD02		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
VY019194.D	1		08/22/24 02:58	VY082124

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	20.2		1.70	5.00	ug/Kg
74-87-3	Chloromethane	17.8		1.20	5.00	ug/Kg
75-01-4	Vinyl Chloride	17.1		0.77	5.00	ug/Kg
74-83-9	Bromomethane	17.5		1.00	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	19.2		1.10	5.00	ug/Kg
67-64-1	Acetone	100		6.20	25.0	ug/Kg
75-15-0	Carbon Disulfide	18.6		1.30	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	21.0		0.67	5.00	ug/Kg
75-09-2	Methylene Chloride	19.0		3.40	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	19.7		0.84	5.00	ug/Kg
110-82-7	Cyclohexane	18.4		0.69	5.00	ug/Kg
78-93-3	2-Butanone	100		5.70	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.4		0.87	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.5		0.61	5.00	ug/Kg
67-66-3	Chloroform	20.7		0.67	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	20.9		0.78	5.00	ug/Kg
108-87-2	Methylcyclohexane	17.8		0.87	5.00	ug/Kg
71-43-2	Benzene	19.7		0.72	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	21.6		0.61	5.00	ug/Kg
79-01-6	Trichloroethene	19.0		0.75	5.00	ug/Kg
75-27-4	Bromodichloromethane	19.7		0.56	5.00	ug/Kg
108-88-3	Toluene	19.5		0.67	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.2		0.84	5.00	ug/Kg
124-48-1	Dibromochloromethane	19.5		0.65	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.3		0.89	5.00	ug/Kg
108-90-7	Chlorobenzene	18.9		0.74	5.00	ug/Kg
100-41-4	Ethyl Benzene	18.9		0.62	5.00	ug/Kg
179601-23-1	m/p-Xylenes	36.8		1.40	10.0	ug/Kg
1330-20-7	Total Xylenes	55.4		2.10	15.0	ug/Kg
95-47-6	o-Xylene	18.6		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	20.4		0.67	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.2		0.80	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	19.4		0.59	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	51.8		70 (50) - 130 (163)	104%	SPK: 50
1868-53-7	Dibromofluoromethane	47.9		70 (54) - 130 (147)	96%	SPK: 50
2037-26-5	Toluene-d8	47.4		70 (58) - 130 (134)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.9		70 (29) - 130 (146)	94%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	127000	7.701			
540-36-3	1,4-Difluorobenzene	211000	8.609			
3114-55-4	Chlorobenzene-d5	183000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	84700	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