CHEMTECH 284 Sheffield Street, Mountainside, NJ 07092 Phone: 908 789 8900 Fax: 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: N6070

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**GW-BR-04-226-245-121422**							
N6070-01	GW-BR-04-226-24	Water	1,1-Dichloroethene	1.80		0.23	1.00	ug/L
N6070-01	GW-BR-04-226-24	Water	cis-1,2-Dichloroethene	9.00		0.17	1.00	ug/L
N6070-01	GW-BR-04-226-24	Water	Trichloroethene	4.90		0.27	1.00	ug/L
			Total Voc :	15.7				
			Total Concentration:	15.7				
Client ID:	**OWBR-01-160-180-121422**							
N6070-03	OWBR-01-160-180	Water	Trichloroethene	0.64	J	0.27	1.00	ug/L
			Total Voc :	0.64				
			Total Concentration:	0.64				
Client ID:	**OWBR-03-128-148-121422**							
N6070-05	OWBR-03-128-148	Water	Benzene	1.60		0.16	1.00	ug/L
			Total Voc :	1.60				
			Total Concentration:	1.60				

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A
B
C
D

SAMPLE DATA

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/14/22
Project:	Former Schlumberger Site Princeton NJ	Date Received:	12/14/22
Client Sample ID:	GW-BR-04-226-245-121422	SDG No.:	N6070
Lab Sample ID:	N6070-01	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX033441.D	1		12/15/22 14:50	VX121522

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.22	U	0.22	1.00	ug/L
75-35-4	1,1-Dichloroethene	1.80		0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.20	U	0.20	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	9.00		0.17	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.18	U	0.18	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.18	U	0.18	1.00	ug/L
79-01-6	Trichloroethene	4.90		0.27	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.19	U	0.19	1.00	ug/L
127-18-4	Tetrachloroethene	0.18	U	0.18	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	48.8		70 (74) - 130 (125)	98%	SPK: 50
1868-53-7	Dibromofluoromethane	49.3		70 (75) - 130 (124)	99%	SPK: 50
2037-26-5	Toluene-d8	47.6		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.7		70 (64) - 130 (133)	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	115000	5.55			
540-36-3	1,4-Difluorobenzene	183000	6.763			
3114-55-4	Chlorobenzene-d5	164000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	77400	12.024			

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

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/14/22
Project:	Former Schlumberger Site Princeton NJ	Date Received:	12/14/22
Client Sample ID:	TB-01-121422	SDG No.:	N6070
Lab Sample ID:	N6070-02	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX033434.D	1		12/15/22 12:09	VX121522

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.22	U	0.22	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.20	U	0.20	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.17	U	0.17	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.18	U	0.18	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.18	U	0.18	1.00	ug/L
79-01-6	Trichloroethene	0.27	U	0.27	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.19	U	0.19	1.00	ug/L
127-18-4	Tetrachloroethene	0.18	U	0.18	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	46.7		70 (74) - 130 (125)	93%	SPK: 50
1868-53-7	Dibromofluoromethane	47.0		70 (75) - 130 (124)	94%	SPK: 50
2037-26-5	Toluene-d8	45.7		70 (86) - 130 (113)	91%	SPK: 50
460-00-4	4-Bromofluorobenzene	44.2		70 (64) - 130 (133)	88%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	128000	5.556			
540-36-3	1,4-Difluorobenzene	204000	6.763			
3114-55-4	Chlorobenzene-d5	177000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	78600	12.024			

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/14/22
Project:	Former Schlumberger Site Princeton NJ	Date Received:	12/14/22
Client Sample ID:	OWBR-01-160-180-121422	SDG No.:	N6070
Lab Sample ID:	N6070-03	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX033436.D	1		12/15/22 12:55	VX121522

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.22	U	0.22	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.20	U	0.20	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.17	U	0.17	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.18	U	0.18	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.18	U	0.18	1.00	ug/L
79-01-6	Trichloroethene	0.64	J	0.27	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.19	U	0.19	1.00	ug/L
127-18-4	Tetrachloroethene	0.18	U	0.18	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	47.8		70 (74) - 130 (125)	96%	SPK: 50
1868-53-7	Dibromofluoromethane	48.2		70 (75) - 130 (124)	96%	SPK: 50
2037-26-5	Toluene-d8	46.7		70 (86) - 130 (113)	93%	SPK: 50
460-00-4	4-Bromofluorobenzene	45.6		70 (64) - 130 (133)	91%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	113000	5.556			
540-36-3	1,4-Difluorobenzene	180000	6.763			
3114-55-4	Chlorobenzene-d5	158000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	73100	12.024			

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/14/22
Project:	Former Schlumberger Site Princeton NJ	Date Received:	12/14/22
Client Sample ID:	OWBR-02-160-180-121422	SDG No.:	N6070
Lab Sample ID:	N6070-04	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX033437.D	1		12/15/22 13:18	VX121522

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.22	U	0.22	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.20	U	0.20	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.17	U	0.17	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.18	U	0.18	1.00	ug/L
71-43-2	Benzene	0.16	U	0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.18	U	0.18	1.00	ug/L
79-01-6	Trichloroethene	0.27	U	0.27	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.19	U	0.19	1.00	ug/L
127-18-4	Tetrachloroethene	0.18	U	0.18	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	44.4		70 (74) - 130 (125)	89%	SPK: 50
1868-53-7	Dibromofluoromethane	44.6		70 (75) - 130 (124)	89%	SPK: 50
2037-26-5	Toluene-d8	43.7		70 (86) - 130 (113)	87%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.0		70 (64) - 130 (133)	84%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	111000	5.55			
540-36-3	1,4-Difluorobenzene	177000	6.763			
3114-55-4	Chlorobenzene-d5	155000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	69600	12.024			

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	12/14/22
Project:	Former Schlumberger Site Princeton NJ	Date Received:	12/14/22
Client Sample ID:	OWBR-03-128-148-121422	SDG No.:	N6070
Lab Sample ID:	N6070-05	Matrix:	Water
Analytical Method:	SW8260	% Moisture:	100
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group3
GC Column:	DB-624UI ID : 0.18	Level :	LOW

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX033438.D	1		12/15/22 13:41	VX121522

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
75-01-4	Vinyl Chloride	0.22	U	0.22	1.00	ug/L
75-35-4	1,1-Dichloroethene	0.23	U	0.23	1.00	ug/L
75-34-3	1,1-Dichloroethane	0.20	U	0.20	1.00	ug/L
156-59-2	cis-1,2-Dichloroethene	0.17	U	0.17	1.00	ug/L
71-55-6	1,1,1-Trichloroethane	0.18	U	0.18	1.00	ug/L
71-43-2	Benzene	1.60		0.16	1.00	ug/L
107-06-2	1,2-Dichloroethane	0.18	U	0.18	1.00	ug/L
79-01-6	Trichloroethene	0.27	U	0.27	1.00	ug/L
79-00-5	1,1,2-Trichloroethane	0.19	U	0.19	1.00	ug/L
127-18-4	Tetrachloroethene	0.18	U	0.18	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	49.3		70 (74) - 130 (125)	99%	SPK: 50
1868-53-7	Dibromofluoromethane	48.8		70 (75) - 130 (124)	98%	SPK: 50
2037-26-5	Toluene-d8	47.3		70 (86) - 130 (113)	95%	SPK: 50
460-00-4	4-Bromofluorobenzene	46.6		70 (64) - 130 (133)	93%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	118000	5.55			
540-36-3	1,4-Difluorobenzene	187000	6.763			
3114-55-4	Chlorobenzene-d5	166000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	76400	12.024			

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CHEMTECH

284 Sheffield Street, Mountainside, New Jersey - 07092

Phone: (908) 789 8900 Fax: (908) 789 8922

LAB CHRONICLE

OrderID:	N6070	**OrderDate:**	12/14/2022 4:13:00 PM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger Site Princeton NJ
Contact:	Doug Scott	**Location:**	M11,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
N6070-01	**GW-BR-04-226-245-121422**	**Water**			**12/14/22**			**12/14/22**
			VOCMS Group3	8260-Low			12/15/22	
N6070-02	**TB-01-121422**	**Water**			**12/14/22**			**12/14/22**
			VOCMS Group3	8260-Low			12/15/22	
N6070-03	**OWBR-01-160-180-121422**	**Water**			**12/14/22**			**12/14/22**
			VOCMS Group3	8260-Low			12/15/22	
N6070-04	**OWBR-02-160-180-121422**	**Water**			**12/14/22**			**12/14/22**
			VOCMS Group3	8260-Low			12/15/22	
N6070-05	**OWBR-03-128-148-121422**	**Water**			**12/14/22**			**12/14/22**
			VOCMS Group3	8260-Low			12/15/22	