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

Hit Summary Sheet
SW-846

SDG No.: Q1790

Client: JACOBS Engineering Group, Inc.

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:	**S-872-G1-SO-20.0-20.5-041025**							
Q1790-01	S-872-G1-SO-20.0-	SOIL	Trichloroethene	20.3		0.74	4.60	ug/Kg
			Total Voc :	20.3				
			Total Concentration:	20.3				
Client ID:	**S-871-G1-SO-23.0-23.5-041025**							
Q1790-04	S-871-G1-SO-23.0-	SOIL	Trichloroethene	2400		38.8	240	ug/Kg
			Total Voc :	2400				
			Total Concentration:	2400				
Client ID:	**S-871-G1-SO-23.0-23.5-041025-FD**							
Q1790-05	S-871-G1-SO-23.0-	SOIL	Trichloroethene	32.5		0.79	4.90	ug/Kg
			Total Voc :	32.5				
			Total Concentration:	32.5				
Client ID:	**S-870-G1-SO-22.0-22.5-041025**							
Q1790-06	S-870-G1-SO-22.0-	SOIL	Trichloroethene	5500		41.0	250	ug/Kg
			Total Voc :	5500				
			Total Concentration:	5500				

SAMPLE DATA

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	04/10/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/10/25
Client Sample ID:	S-872-G1-SO-20.0-20.5-041025	SDG No.:	Q1790
Lab Sample ID:	Q1790-01	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	76.1
Sample Wt/Vol:	7.16 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021886.D	1		04/15/25 11:18	VY041525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
79-01-6	Trichloroethene	20.3		0.74	4.60	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.3		63 - 155	101%	SPK: 50
1868-53-7	Dibromofluoromethane	51.2		70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	48.1		74 - 123	96%	SPK: 50
460-00-4	4-Bromofluorobenzene	41.9		38 - 136	84%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	314000	7.707			
540-36-3	1,4-Difluorobenzene	554000	8.615			
3114-55-4	Chlorobenzene-d5	468000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	181000	13.352			

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:	04/10/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/10/25
Client Sample ID:	S-871-G1-SO-23.0-23.5-041025	SDG No.:	Q1790
Lab Sample ID:	Q1790-04	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	76.3
Sample Wt/Vol:	6.84 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group4
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045761.D	1		04/14/25 12:18	VX041425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
79-01-6	Trichloroethene	2400		38.8	240	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.6		63 - 155	107%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		70 - 134	98%	SPK: 50
2037-26-5	Toluene-d8	49.9		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.0		38 - 136	102%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	72200	5.544			
540-36-3	1,4-Difluorobenzene	142000	6.757			
3114-55-4	Chlorobenzene-d5	129000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	55400	12.024			

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	04/10/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/10/25
Client Sample ID:	S-871-G1-SO-23.0-23.5-041025-FD	SDG No.:	Q1790
Lab Sample ID:	Q1790-05	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	76.3
Sample Wt/Vol:	6.74 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY021893.D	1		04/15/25 14:02	VY041525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
79-01-6	Trichloroethene	32.5		0.79	4.90	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.1		63 - 155	108%	SPK: 50
1868-53-7	Dibromofluoromethane	51.3		70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	48.9		74 - 123	98%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.4		38 - 136	85%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	255000	7.707			
540-36-3	1,4-Difluorobenzene	480000	8.616			
3114-55-4	Chlorobenzene-d5	418000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	163000	13.346			

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	04/10/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/10/25
Client Sample ID:	S-870-G1-SO-22.0-22.5-041025	SDG No.:	Q1790
Lab Sample ID:	Q1790-06	Matrix:	SOIL
Analytical Method:	SW8260	% Solid:	69.7
Sample Wt/Vol:	7.09 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	100 uL	Test:	VOCMS Group4
GC Column:	DB-624UI ID : 0.18	Level :	MED
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045762.D	1		04/14/25 12:41	VX041425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
79-01-6	Trichloroethene	5500		41.0	250	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	52.1		63 - 155	104%	SPK: 50
1868-53-7	Dibromofluoromethane	49.1		70 - 134	98%	SPK: 50
2037-26-5	Toluene-d8	49.9		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	51.6		38 - 136	103%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	67200	5.544			
540-36-3	1,4-Difluorobenzene	131000	6.757			
3114-55-4	Chlorobenzene-d5	119000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	51900	12.024			

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	04/10/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/10/25
Client Sample ID:	EB01-041025	SDG No.:	Q1790
Lab Sample ID:	Q1790-17	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045738.D	1		04/11/25 13:55	VX041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	54.5		74 - 125	109%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		75 - 124	104%	SPK: 50
2037-26-5	Toluene-d8	50.7		86 - 113	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.9		77 - 121	106%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	68700	5.543			
540-36-3	1,4-Difluorobenzene	133000	6.757			
3114-55-4	Chlorobenzene-d5	124000	10.049			
3855-82-1	1,4-Dichlorobenzene-d4	52100	12.018			

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Report of Analysis

Client:	JACOBS Engineering Group, Inc.	Date Collected:	04/10/25
Project:	Former Schlumberger STC PTC Site D3868221	Date Received:	04/10/25
Client Sample ID:	FB01-041025	SDG No.:	Q1790
Lab Sample ID:	Q1790-19	Matrix:	Water
Analytical Method:	SW8260	% Solid:	0
Sample Wt/Vol:	5 Units: mL	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group4
GC Column:	DB-624UI ID : 0.18	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VX045739.D	1		04/11/25 14:18	VX041125

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
79-01-6	Trichloroethene	0.090	U	0.090	1.00	ug/L
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.6		74 - 125	111%	SPK: 50
1868-53-7	Dibromofluoromethane	51.8		75 - 124	104%	SPK: 50
2037-26-5	Toluene-d8	51.1		86 - 113	102%	SPK: 50
460-00-4	4-Bromofluorobenzene	52.4		77 - 121	105%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	62800	5.544			
540-36-3	1,4-Difluorobenzene	124000	6.757			
3114-55-4	Chlorobenzene-d5	116000	10.055			
3855-82-1	1,4-Dichlorobenzene-d4	50000	12.018			

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LAB CHRONICLE

OrderID:	Q1790	**OrderDate:**	4/11/2025 11:32:42 AM
Client:	JACOBS Engineering Group, Inc.	**Project:**	Former Schlumberger STC PTC Site D3868221
Contact:	John Ynfante	**Location:**	L31,VOA Ref. #2 Soil,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1790-01	**S-872-G1-SO-20.0-20.5-041025**	**SOIL**			**04/10/25**			**04/10/25**
			VOCMS Group4	8260D			04/15/25	
Q1790-04	**S-871-G1-SO-23.0-23.5-041025**	**SOIL**			**04/10/25**			**04/10/25**
			VOCMS Group4	8260D			04/14/25	
Q1790-05	**S-871-G1-SO-23.0-23.5-041025-FD**	**SOIL**			**04/10/25**			**04/10/25**
			VOCMS Group4	8260D			04/15/25	
Q1790-06	**S-870-G1-SO-22.0-22.5-041025**	**SOIL**			**04/10/25**			**04/10/25**
			VOCMS Group4	8260D			04/14/25	
Q1790-17	**EB01-041025**	**Water**			**04/10/25**			**04/10/25**
			VOCMS Group4	8260-Low			04/11/25	
Q1790-19	**FB01-041025**	**Water**			**04/10/25**			**04/10/25**
			VOCMS Group4	8260-Low			04/11/25	