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

LAB CHRONICLE

OrderID:	Q2161	**OrderDate:**	5/30/2025 11:29:00 AM
Client:	Scalamandre – Tully JV	**Project:**	NYC DOT Harper Street Yard North
Contact:	Dean Devoe	**Location:**	L41,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2161-01	**B27-SOIL-SAMPLE**	**SOIL**			**05/12/25**			**05/13/25**
			VOCMS Group1	8260D			06/02/25	
Q2161-02	**B28-SOIL-SAMPLE**	**SOIL**			**05/12/25**			**05/13/25**
			VOCMS Group1	8260D			05/30/25	

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Hit Summary Sheet
SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID:								
				0				

Total Voc :

Total Concentration:

SAMPLE DATA

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/12/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/13/25
Client Sample ID:	B27-SOIL-SAMPLE	SDG No.:	Q2161
Lab Sample ID:	Q2161-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.8
Sample Wt/Vol:	6 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022508.D	1		06/02/25 19:31	VY060225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	4.70	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	4.70	ug/Kg
75-01-4	Vinyl Chloride	0.74	U	0.74	4.70	ug/Kg
74-83-9	Bromomethane	1.00	U	1.00	4.70	ug/Kg
75-00-3	Chloroethane	1.20	U	1.20	4.70	ug/Kg
75-69-4	Trichlorofluoromethane	1.10	U	1.10	4.70	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	0.99	U	0.99	4.70	ug/Kg
75-35-4	1,1-Dichloroethene	0.94	U	0.94	4.70	ug/Kg
67-64-1	Acetone	4.40	U	4.40	23.5	ug/Kg
75-15-0	Carbon Disulfide	0.99	U	0.99	4.70	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.69	U	0.69	4.70	ug/Kg
79-20-9	Methyl Acetate	1.40	U	1.40	4.70	ug/Kg
75-09-2	Methylene Chloride	3.30	U	3.30	9.40	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.81	U	0.81	4.70	ug/Kg
75-34-3	1,1-Dichloroethane	0.75	U	0.75	4.70	ug/Kg
110-82-7	Cyclohexane	0.74	U	0.74	4.70	ug/Kg
78-93-3	2-Butanone	6.10	U	6.10	23.5	ug/Kg
56-23-5	Carbon Tetrachloride	0.91	U	0.91	4.70	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.70	U	0.70	4.70	ug/Kg
74-97-5	Bromochloromethane	1.10	U	1.10	4.70	ug/Kg
67-66-3	Chloroform	0.79	U	0.79	4.70	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.87	U	0.87	4.70	ug/Kg
108-87-2	Methylcyclohexane	0.85	U	0.85	4.70	ug/Kg
71-43-2	Benzene	0.74	U	0.74	4.70	ug/Kg
107-06-2	1,2-Dichloroethane	0.74	U	0.74	4.70	ug/Kg
79-01-6	Trichloroethene	0.76	U	0.76	4.70	ug/Kg
78-87-5	1,2-Dichloropropane	0.85	U	0.85	4.70	ug/Kg
75-27-4	Bromodichloromethane	0.73	U	0.73	4.70	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.40	U	3.40	23.5	ug/Kg
108-88-3	Toluene	0.73	U	0.73	4.70	ug/Kg

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/12/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/13/25
Client Sample ID:	B27-SOIL-SAMPLE	SDG No.:	Q2161
Lab Sample ID:	Q2161-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.8
Sample Wt/Vol:	6 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022508.D	1		06/02/25 19:31	VY060225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.61	U	0.61	4.70	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.58	U	0.58	4.70	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.86	U	0.86	4.70	ug/Kg
591-78-6	2-Hexanone	3.50	U	3.50	23.5	ug/Kg
124-48-1	Dibromochloromethane	0.82	U	0.82	4.70	ug/Kg
106-93-4	1,2-Dibromoethane	0.83	U	0.83	4.70	ug/Kg
127-18-4	Tetrachloroethene	0.99	U	0.99	4.70	ug/Kg
108-90-7	Chlorobenzene	0.85	U	0.85	4.70	ug/Kg
100-41-4	Ethyl Benzene	0.63	U	0.63	4.70	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	9.40	ug/Kg
95-47-6	o-Xylene	0.77	U	0.77	4.70	ug/Kg
100-42-5	Styrene	0.67	U	0.67	4.70	ug/Kg
75-25-2	Bromoform	0.81	U	0.81	4.70	ug/Kg
98-82-8	Isopropylbenzene	0.73	U	0.73	4.70	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.10	U	1.10	4.70	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.60	U	1.60	4.70	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.50	U	1.50	4.70	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.40	U	1.40	4.70	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.70	U	1.70	4.70	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	2.80	U	2.80	4.70	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.00	U	3.00	4.70	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	38.8		63 - 155	78%	SPK: 50
1868-53-7	Dibromofluoromethane	20.9	*	70 - 134	42%	SPK: 50
2037-26-5	Toluene-d8	43.8		74 - 123	88%	SPK: 50
460-00-4	4-Bromofluorobenzene	22.8		17 - 146	46%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	13400	7.713			
540-36-3	1,4-Difluorobenzene	20000	8.616			
3114-55-4	Chlorobenzene-d5	11700	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	2340	13.353			

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/12/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/13/25
Client Sample ID:	B27-SOIL-SAMPLE	SDG No.:	Q2161
Lab Sample ID:	Q2161-01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.8
Sample Wt/Vol:	6 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022508.D	1		06/02/25 19:31	VY060225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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:	Scalamandre – Tully JV	Date Collected:	05/12/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/13/25
Client Sample ID:	B28-SOIL-SAMPLE	SDG No.:	Q2161
Lab Sample ID:	Q2161-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.1
Sample Wt/Vol:	4.5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022485.D	1		05/30/25 17:48	VY053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.40	U	1.40	6.30	ug/Kg
74-87-3	Chloromethane	1.40	U	1.40	6.30	ug/Kg
75-01-4	Vinyl Chloride	1.00	U	1.00	6.30	ug/Kg
74-83-9	Bromomethane	1.30	UQ	1.30	6.30	ug/Kg
75-00-3	Chloroethane	1.60	UQ	1.60	6.30	ug/Kg
75-69-4	Trichlorofluoromethane	1.50	U	1.50	6.30	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.30	U	1.30	6.30	ug/Kg
75-35-4	1,1-Dichloroethene	1.30	U	1.30	6.30	ug/Kg
67-64-1	Acetone	6.00	U	6.00	31.5	ug/Kg
75-15-0	Carbon Disulfide	1.30	U	1.30	6.30	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.92	U	0.92	6.30	ug/Kg
79-20-9	Methyl Acetate	1.90	U	1.90	6.30	ug/Kg
75-09-2	Methylene Chloride	4.50	U	4.50	12.6	ug/Kg
156-60-5	trans-1,2-Dichloroethene	1.10	U	1.10	6.30	ug/Kg
75-34-3	1,1-Dichloroethane	1.00	U	1.00	6.30	ug/Kg
110-82-7	Cyclohexane	1.00	U	1.00	6.30	ug/Kg
78-93-3	2-Butanone	8.20	U	8.20	31.5	ug/Kg
56-23-5	Carbon Tetrachloride	1.20	U	1.20	6.30	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.95	U	0.95	6.30	ug/Kg
74-97-5	Bromochloromethane	1.50	U	1.50	6.30	ug/Kg
67-66-3	Chloroform	1.10	U	1.10	6.30	ug/Kg
71-55-6	1,1,1-Trichloroethane	1.20	U	1.20	6.30	ug/Kg
108-87-2	Methylcyclohexane	1.10	U	1.10	6.30	ug/Kg
71-43-2	Benzene	1.00	U	1.00	6.30	ug/Kg
107-06-2	1,2-Dichloroethane	1.00	U	1.00	6.30	ug/Kg
79-01-6	Trichloroethene	1.00	U	1.00	6.30	ug/Kg
78-87-5	1,2-Dichloropropane	1.10	U	1.10	6.30	ug/Kg
75-27-4	Bromodichloromethane	0.98	U	0.98	6.30	ug/Kg
108-10-1	4-Methyl-2-Pentanone	4.50	U	4.50	31.5	ug/Kg
108-88-3	Toluene	0.98	U	0.98	6.30	ug/Kg

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/12/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/13/25
Client Sample ID:	B28-SOIL-SAMPLE	SDG No.:	Q2161
Lab Sample ID:	Q2161-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.1
Sample Wt/Vol:	4.5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022485.D	1		05/30/25 17:48	VY053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.82	U	0.82	6.30	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.78	U	0.78	6.30	ug/Kg
79-00-5	1,1,2-Trichloroethane	1.20	U	1.20	6.30	ug/Kg
591-78-6	2-Hexanone	4.70	U	4.70	31.5	ug/Kg
124-48-1	Dibromochloromethane	1.10	U	1.10	6.30	ug/Kg
106-93-4	1,2-Dibromoethane	1.10	U	1.10	6.30	ug/Kg
127-18-4	Tetrachloroethene	1.30	U	1.30	6.30	ug/Kg
108-90-7	Chlorobenzene	1.10	U	1.10	6.30	ug/Kg
100-41-4	Ethyl Benzene	0.84	U	0.84	6.30	ug/Kg
179601-23-1	m/p-Xylenes	1.60	U	1.60	12.6	ug/Kg
95-47-6	o-Xylene	1.00	U	1.00	6.30	ug/Kg
100-42-5	Styrene	0.90	U	0.90	6.30	ug/Kg
75-25-2	Bromoform	1.10	U	1.10	6.30	ug/Kg
98-82-8	Isopropylbenzene	0.98	U	0.98	6.30	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.50	U	1.50	6.30	ug/Kg
541-73-1	1,3-Dichlorobenzene	2.20	U	2.20	6.30	ug/Kg
106-46-7	1,4-Dichlorobenzene	2.00	U	2.00	6.30	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.80	U	1.80	6.30	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	2.30	U	2.30	6.30	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.70	U	3.70	6.30	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	4.00	U	4.00	6.30	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	27.2	*	63 - 155	54%	SPK: 50
1868-53-7	Dibromofluoromethane	20.9	*	70 - 134	42%	SPK: 50
2037-26-5	Toluene-d8	42.2		74 - 123	84%	SPK: 50
460-00-4	4-Bromofluorobenzene	21.2		17 - 146	42%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	21400	7.713			
540-36-3	1,4-Difluorobenzene	29800	8.616			
3114-55-4	Chlorobenzene-d5	15100	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	2930	13.347			

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	05/12/25
Project:	NYC DOT Harper Street Yard North	Date Received:	05/13/25
Client Sample ID:	B28-SOIL-SAMPLE	SDG No.:	Q2161
Lab Sample ID:	Q2161-02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	88.1
Sample Wt/Vol:	4.5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022485.D	1		05/30/25 17:48	VY053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

QC SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Surrogate Summary

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: SW8260D

Lab Sample ID	Client ID	Parameter	Spike	Result	Recovery	Qual	Limits Low	Limits High
Q2161-01	B27-SOIL-SAMPLE	1,2-Dichloroethane-d4	50	38.8	78		63	155
		Dibromofluoromethane	50	20.9	42	*	70	134
		Toluene-d8	50	43.8	88		74	123
		4-Bromofluorobenzene	50	22.8	46		17	146
Q2161-02	B28-SOIL-SAMPLE	1,2-Dichloroethane-d4	50	27.2	54	*	63	155
		Dibromofluoromethane	50	20.9	42	*	70	134
		Toluene-d8	50	42.2	84		74	123
		4-Bromofluorobenzene	50	21.2	42		17	146
VY0530SBL01	VY0530SBL01	1,2-Dichloroethane-d4	50	53.5	107		63	155
		Dibromofluoromethane	50	51.4	103		70	134
		Toluene-d8	50	49.9	100		74	123
		4-Bromofluorobenzene	50	40.7	81		17	146
VY0530SBS01	VY0530SBS01	1,2-Dichloroethane-d4	50	57.4	115		63	155
		Dibromofluoromethane	50	52.0	104		70	134
		Toluene-d8	50	52.3	105		74	123
		4-Bromofluorobenzene	50	50.6	101		17	146
VY0530SBSD01	VY0530SBSD01	1,2-Dichloroethane-d4	50	55.4	111		63	155
		Dibromofluoromethane	50	51.0	102		70	134
		Toluene-d8	50	50.5	101		74	123
		4-Bromofluorobenzene	50	48.5	97		17	146
VY0602SBL02	VY0602SBL02	1,2-Dichloroethane-d4	50	53.2	106		63	155
		Dibromofluoromethane	50	51.0	102		70	134
		Toluene-d8	50	49.7	99		74	123
		4-Bromofluorobenzene	50	42.8	86		17	146
VY0602SBS01	VY0602SBS01	1,2-Dichloroethane-d4	50	50.8	102		63	155
		Dibromofluoromethane	50	51.6	103		70	134
		Toluene-d8	50	51.9	104		74	123
		4-Bromofluorobenzene	50	50.8	101		17	146

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: SW8260D **Datafile :** VX046446.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0602MBS01	Dichlorodifluoromethane	2000	1600	ug/Kg	80			64	136	
	Chloromethane	2000	1600	ug/Kg	80			52	151	
	Vinyl chloride	2000	1600	ug/Kg	80			56	148	
	Bromomethane	2000	1600	ug/Kg	80			58	141	
	Chloroethane	2000	1900	ug/Kg	95			69	130	
	Trichlorofluoromethane	2000	1800	ug/Kg	90			69	134	
	1,1,2-Trichlorotrifluoroethane	2000	1900	ug/Kg	95			81	123	
	1,1-Dichloroethene	2000	1700	ug/Kg	85			79	121	
	Acetone	10000	10400	ug/Kg	104			40	171	
	Carbon disulfide	2000	1300	ug/Kg	65			59	130	
	Methyl tert-butyl Ether	2000	2000	ug/Kg	100			77	129	
	Methyl Acetate	2000	2600	ug/Kg	130			69	149	
	Methylene Chloride	2000	1800	ug/Kg	90			72	131	
	trans-1,2-Dichloroethene	2000	1700	ug/Kg	85			80	123	
	1,1-Dichloroethane	2000	2000	ug/Kg	100			82	123	
	Cyclohexane	2000	1800	ug/Kg	90			76	122	
	2-Butanone	10000	10600	ug/Kg	106			69	131	
	Carbon Tetrachloride	2000	1800	ug/Kg	90			76	129	
	cis-1,2-Dichloroethene	2000	1900	ug/Kg	95			82	123	
	Bromochloromethane	2000	2100	ug/Kg	105			80	127	
	Chloroform	2000	2000	ug/Kg	100			82	125	
	1,1,1-Trichloroethane	2000	1900	ug/Kg	95			80	126	
	Methylcyclohexane	2000	1700	ug/Kg	85			77	123	
	Benzene	2000	1900	ug/Kg	95			84	121	
	1,2-Dichloroethane	2000	2000	ug/Kg	100			81	126	
	Trichloroethene	2000	1900	ug/Kg	95			83	122	
	1,2-Dichloropropane	2000	2100	ug/Kg	105			83	122	
	Bromodichloromethane	2000	2000	ug/Kg	100			82	123	
	4-Methyl-2-Pentanone	10000	10900	ug/Kg	109			70	135	
	Toluene	2000	2000	ug/Kg	100			83	122	
	t-1,3-Dichloropropene	2000	1900	ug/Kg	95			78	124	
	cis-1,3-Dichloropropene	2000	1900	ug/Kg	95			81	122	
	1,1,2-Trichloroethane	2000	2100	ug/Kg	105			82	125	
	2-Hexanone	10000	10900	ug/Kg	109			66	138	
	Dibromochloromethane	2000	2000	ug/Kg	100			79	125	
	1,2-Dibromoethane	2000	2000	ug/Kg	100			80	125	
	Tetrachloroethene	2000	1800	ug/Kg	90			83	125	
	Chlorobenzene	2000	1900	ug/Kg	95			84	122	
	Ethyl Benzene	2000	2000	ug/Kg	100			82	124	
	m/p-Xylenes	4000	3900	ug/Kg	98			83	124	
	o-Xylene	2000	2000	ug/Kg	100			83	123	
	Styrene	2000	2100	ug/Kg	105			82	124	
	Bromoform	2000	1900	ug/Kg	95			75	127	
	Isopropylbenzene	2000	2000	ug/Kg	100			82	124	
	1,1,2,2-Tetrachloroethane	2000	2000	ug/Kg	100			77	127	
	1,3-Dichlorobenzene	2000	2000	ug/Kg	100			83	122	
	1,4-Dichlorobenzene	2000	1900	ug/Kg	95			84	121	
	1,2-Dichlorobenzene	2000	2000	ug/Kg	100			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: SW8260D **Datafile :** VX046446.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0602MBS01	1,2-Dibromo-3-Chloropropane	2000	2000	ug/Kg	100			66	134	
	1,2,4-Trichlorobenzene	2000	2000	ug/Kg	100			78	127	
	1,2,3-Trichlorobenzene	2000	2000	ug/Kg	100			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: SW8260D **Datafile :** VX046447.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0602MBSD01	Dichlorodifluoromethane	2000	1600	ug/Kg	80	0		64	136	20
	Chloromethane	2000	1600	ug/Kg	80	0		52	151	20
	Vinyl chloride	2000	1600	ug/Kg	80	0		56	148	20
	Bromomethane	2000	1600	ug/Kg	80	0		58	141	20
	Chloroethane	2000	1700	ug/Kg	85	11		69	130	20
	Trichlorofluoromethane	2000	1700	ug/Kg	85	6		69	134	20
	1,1,2-Trichlorotrifluoroethane	2000	1800	ug/Kg	90	5		81	123	20
	1,1-Dichloroethene	2000	1800	ug/Kg	90	6		79	121	20
	Acetone	10000	10200	ug/Kg	102	2		40	171	20
	Carbon disulfide	2000	1300	ug/Kg	65	0		59	130	20
	Methyl tert-butyl Ether	2000	2100	ug/Kg	105	5		77	129	20
	Methyl Acetate	2000	2800	ug/Kg	140	7		69	149	20
	Methylene Chloride	2000	1800	ug/Kg	90	0		72	131	20
	trans-1,2-Dichloroethene	2000	1700	ug/Kg	85	0		80	123	20
	1,1-Dichloroethane	2000	2000	ug/Kg	100	0		82	123	20
	Cyclohexane	2000	1700	ug/Kg	85	6		76	122	20
	2-Butanone	10000	10800	ug/Kg	108	2		69	131	20
	Carbon Tetrachloride	2000	1800	ug/Kg	90	0		76	129	20
	cis-1,2-Dichloroethene	2000	1900	ug/Kg	95	0		82	123	20
	Bromochloromethane	2000	2100	ug/Kg	105	0		80	127	20
	Chloroform	2000	2100	ug/Kg	105	5		82	125	20
	1,1,1-Trichloroethane	2000	1900	ug/Kg	95	0		80	126	20
	Methylcyclohexane	2000	1700	ug/Kg	85	0		77	123	20
	Benzene	2000	1900	ug/Kg	95	0		84	121	20
	1,2-Dichloroethane	2000	2100	ug/Kg	105	5		81	126	20
	Trichloroethene	2000	1900	ug/Kg	95	0		83	122	20
	1,2-Dichloropropane	2000	2100	ug/Kg	105	0		83	122	20
	Bromodichloromethane	2000	2000	ug/Kg	100	0		82	123	20
	4-Methyl-2-Pentanone	10000	11100	ug/Kg	111	2		70	135	20
	Toluene	2000	1900	ug/Kg	95	5		83	122	20
	t-1,3-Dichloropropene	2000	2000	ug/Kg	100	5		78	124	20
	cis-1,3-Dichloropropene	2000	2000	ug/Kg	100	5		81	122	20
	1,1,2-Trichloroethane	2000	2200	ug/Kg	110	5		82	125	20
	2-Hexanone	10000	11100	ug/Kg	111	2		66	138	20
	Dibromochloromethane	2000	2000	ug/Kg	100	0		79	125	20
	1,2-Dibromoethane	2000	2100	ug/Kg	105	5		80	125	20
	Tetrachloroethene	2000	1900	ug/Kg	95	5		83	125	20
	Chlorobenzene	2000	2000	ug/Kg	100	5		84	122	20
	Ethyl Benzene	2000	2000	ug/Kg	100	0		82	124	20
	m/p-Xylenes	4000	4000	ug/Kg	100	2		83	124	20
	o-Xylene	2000	2000	ug/Kg	100	0		83	123	20
	Styrene	2000	2100	ug/Kg	105	0		82	124	20
	Bromoform	2000	1900	ug/Kg	95	0		75	127	20
	Isopropylbenzene	2000	2000	ug/Kg	100	0		82	124	20
	1,1,2,2-Tetrachloroethane	2000	2200	ug/Kg	110	10		77	127	20
	1,3-Dichlorobenzene	2000	2000	ug/Kg	100	0		83	122	20
	1,4-Dichlorobenzene	2000	2000	ug/Kg	100	5		84	121	20
	1,2-Dichlorobenzene	2000	2100	ug/Kg	105	5		83	124	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: SW8260D **Datafile :** VX046447.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VX0602MBSD01	1,2-Dibromo-3-Chloropropane	2000	2200	ug/Kg	110	10		66	134	20
	1,2,4-Trichlorobenzene	2000	2000	ug/Kg	100	0		78	127	20
	1,2,3-Trichlorobenzene	2000	2100	ug/Kg	105	5		70	137	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: SW8260D **Datafile :** VY022474.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0530SBS01	Dichlorodifluoromethane	20	23.7	ug/Kg	119			64	136	
	Chloromethane	20	29.4	ug/Kg	147			52	151	
	Vinyl chloride	20	27.2	ug/Kg	136			56	148	
	Bromomethane	20	28.7	ug/Kg	144		*	58	141	
	Chloroethane	20	27.2	ug/Kg	136		*	69	130	
	Trichlorofluoromethane	20	26.1	ug/Kg	131			69	134	
	1,1,2-Trichlorotrifluoroethane	20	22.6	ug/Kg	113			81	123	
	1,1-Dichloroethene	20	23.1	ug/Kg	116			79	121	
	Acetone	100	110	ug/Kg	110			40	171	
	Carbon disulfide	20	22.3	ug/Kg	112			59	130	
	Methyl tert-butyl Ether	20	23.0	ug/Kg	115			77	129	
	Methyl Acetate	20	25.3	ug/Kg	127			69	149	
	Methylene Chloride	20	24.1	ug/Kg	121			72	131	
	trans-1,2-Dichloroethene	20	23.0	ug/Kg	115			80	123	
	1,1-Dichloroethane	20	23.9	ug/Kg	119			82	123	
	Cyclohexane	20	22.0	ug/Kg	110			76	122	
	2-Butanone	100	110	ug/Kg	110			69	131	
	Carbon Tetrachloride	20	21.3	ug/Kg	106			76	129	
	cis-1,2-Dichloroethene	20	22.9	ug/Kg	115			82	123	
	Bromochloromethane	20	24.0	ug/Kg	120			80	127	
	Chloroform	20	24.0	ug/Kg	120			82	125	
	1,1,1-Trichloroethane	20	22.8	ug/Kg	114			80	126	
	Methylcyclohexane	20	20.7	ug/Kg	104			77	123	
	Benzene	20	21.7	ug/Kg	109			84	121	
	1,2-Dichloroethane	20	21.8	ug/Kg	109			81	126	
	Trichloroethene	20	20.9	ug/Kg	104			83	122	
	1,2-Dichloropropane	20	21.5	ug/Kg	108			83	122	
	Bromodichloromethane	20	21.8	ug/Kg	109			82	123	
	4-Methyl-2-Pentanone	100	100	ug/Kg	100			70	135	
	Toluene	20	21.5	ug/Kg	108			83	122	
	t-1,3-Dichloropropene	20	21.1	ug/Kg	106			78	124	
	cis-1,3-Dichloropropene	20	20.9	ug/Kg	104			81	122	
	1,1,2-Trichloroethane	20	20.6	ug/Kg	103			82	125	
	2-Hexanone	100	96.5	ug/Kg	97			66	138	
	Dibromochloromethane	20	21.0	ug/Kg	105			79	125	
	1,2-Dibromoethane	20	20.4	ug/Kg	102			80	125	
	Tetrachloroethene	20	20.5	ug/Kg	103			83	125	
	Chlorobenzene	20	21.3	ug/Kg	106			84	122	
	Ethyl Benzene	20	20.8	ug/Kg	104			82	124	
	m/p-Xylenes	40	41.3	ug/Kg	103			83	124	
	o-Xylene	20	21.2	ug/Kg	106			83	123	
	Styrene	20	20.6	ug/Kg	103			82	124	
	Bromoform	20	20.6	ug/Kg	103			75	127	
	Isopropylbenzene	20	21.3	ug/Kg	106			82	124	
	1,1,2,2-Tetrachloroethane	20	21.3	ug/Kg	106			77	127	
	1,3-Dichlorobenzene	20	21.0	ug/Kg	105			83	122	
	1,4-Dichlorobenzene	20	21.3	ug/Kg	106			84	121	
	1,2-Dichlorobenzene	20	21.5	ug/Kg	108			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: SW8260D **Datafile :** VY022474.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0530SBS01	1,2-Dibromo-3-Chloropropane	20	20.0	ug/Kg	100			66	134	
	1,2,4-Trichlorobenzene	20	20.2	ug/Kg	101			78	127	
	1,2,3-Trichlorobenzene	20	20.8	ug/Kg	104			70	137	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: SW8260D **Datafile :** VY022475.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0530SBSD01	Dichlorodifluoromethane	20	22.8	ug/Kg	114	4		64	136	20
	Chloromethane	20	22.5	ug/Kg	113	26	*	52	151	20
	Vinyl chloride	20	24.0	ug/Kg	120	13		56	148	20
	Bromomethane	20	25.9	ug/Kg	130	10		58	141	20
	Chloroethane	20	26.2	ug/Kg	131	4	*	69	130	20
	Trichlorofluoromethane	20	25.1	ug/Kg	126	4		69	134	20
	1,1,2-Trichlorotrifluoroethane	20	22.2	ug/Kg	111	2		81	123	20
	1,1-Dichloroethene	20	22.2	ug/Kg	111	4		79	121	20
	Acetone	100	120	ug/Kg	120	9		40	171	20
	Carbon disulfide	20	21.5	ug/Kg	108	4		59	130	20
	Methyl tert-butyl Ether	20	23.1	ug/Kg	116	1		77	129	20
	Methyl Acetate	20	24.2	ug/Kg	121	5		69	149	20
	Methylene Chloride	20	21.9	ug/Kg	110	10		72	131	20
	trans-1,2-Dichloroethene	20	21.8	ug/Kg	109	5		80	123	20
	1,1-Dichloroethane	20	22.8	ug/Kg	114	4		82	123	20
	Cyclohexane	20	21.3	ug/Kg	106	4		76	122	20
	2-Butanone	100	110	ug/Kg	110	0		69	131	20
	Carbon Tetrachloride	20	20.8	ug/Kg	104	2		76	129	20
	cis-1,2-Dichloroethene	20	22.4	ug/Kg	112	3		82	123	20
	Bromochloromethane	20	22.9	ug/Kg	115	4		80	127	20
	Chloroform	20	23.4	ug/Kg	117	3		82	125	20
	1,1,1-Trichloroethane	20	22.2	ug/Kg	111	3		80	126	20
	Methylcyclohexane	20	20.0	ug/Kg	100	4		77	123	20
	Benzene	20	21.6	ug/Kg	108	1		84	121	20
	1,2-Dichloroethane	20	22.2	ug/Kg	111	2		81	126	20
	Trichloroethene	20	20.9	ug/Kg	104	0		83	122	20
	1,2-Dichloropropane	20	22.1	ug/Kg	111	3		83	122	20
	Bromodichloromethane	20	21.5	ug/Kg	108	1		82	123	20
	4-Methyl-2-Pentanone	100	110	ug/Kg	110	10		70	135	20
	Toluene	20	21.1	ug/Kg	106	2		83	122	20
	t-1,3-Dichloropropene	20	20.2	ug/Kg	101	5		78	124	20
	cis-1,3-Dichloropropene	20	20.7	ug/Kg	104	0		81	122	20
	1,1,2-Trichloroethane	20	21.6	ug/Kg	108	5		82	125	20
	2-Hexanone	100	110	ug/Kg	110	13		66	138	20
	Dibromochloromethane	20	20.8	ug/Kg	104	1		79	125	20
	1,2-Dibromoethane	20	21.5	ug/Kg	108	6		80	125	20
	Tetrachloroethene	20	20.5	ug/Kg	103	0		83	125	20
	Chlorobenzene	20	21.4	ug/Kg	107	1		84	122	20
	Ethyl Benzene	20	20.6	ug/Kg	103	1		82	124	20
	m/p-Xylenes	40	40.9	ug/Kg	102	1		83	124	20
	o-Xylene	20	20.7	ug/Kg	104	2		83	123	20
	Styrene	20	20.6	ug/Kg	103	0		82	124	20
	Bromoform	20	21.1	ug/Kg	106	3		75	127	20
	Isopropylbenzene	20	21.1	ug/Kg	106	0		82	124	20
	1,1,2,2-Tetrachloroethane	20	22.8	ug/Kg	114	7		77	127	20
	1,3-Dichlorobenzene	20	20.9	ug/Kg	104	1		83	122	20
	1,4-Dichlorobenzene	20	21.3	ug/Kg	106	0		84	121	20
	1,2-Dichlorobenzene	20	21.7	ug/Kg	109	1		83	124	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: SW8260D **Datafile :** VY022475.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	Limits RPD
VY0530SBSD01	1,2-Dibromo-3-Chloropropane	20	22.6	ug/Kg	113	12		66	134	20
	1,2,4-Trichlorobenzene	20	21.5	ug/Kg	108	7		78	127	20
	1,2,3-Trichlorobenzene	20	22.4	ug/Kg	112	7		70	137	20

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: SW8260D **Datafile :** VY022500.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0602SBS01	Dichlorodifluoromethane	20	22.1	ug/Kg	111			64	136	
	Chloromethane	20	19.1	ug/Kg	96			52	151	
	Vinyl chloride	20	20.5	ug/Kg	103			56	148	
	Bromomethane	20	21.8	ug/Kg	109			58	141	
	Chloroethane	20	20.8	ug/Kg	104			69	130	
	Trichlorofluoromethane	20	22.2	ug/Kg	111			69	134	
	1,1,2-Trichlorotrifluoroethane	20	20.8	ug/Kg	104			81	123	
	1,1-Dichloroethene	20	20.5	ug/Kg	103			79	121	
	Acetone	100	87.0	ug/Kg	87			40	171	
	Carbon disulfide	20	20.3	ug/Kg	102			59	130	
	Methyl tert-butyl Ether	20	20.5	ug/Kg	103			77	129	
	Methyl Acetate	20	21.6	ug/Kg	108			69	149	
	Methylene Chloride	20	19.1	ug/Kg	96			72	131	
	trans-1,2-Dichloroethene	20	20.9	ug/Kg	104			80	123	
	1,1-Dichloroethane	20	20.6	ug/Kg	103			82	123	
	Cyclohexane	20	20.2	ug/Kg	101			76	122	
	2-Butanone	100	96.6	ug/Kg	97			69	131	
	Carbon Tetrachloride	20	20.0	ug/Kg	100			76	129	
	cis-1,2-Dichloroethene	20	20.8	ug/Kg	104			82	123	
	Bromochloromethane	20	20.1	ug/Kg	101			80	127	
	Chloroform	20	21.0	ug/Kg	105			82	125	
	1,1,1-Trichloroethane	20	21.3	ug/Kg	106			80	126	
	Methylcyclohexane	20	20.5	ug/Kg	103			77	123	
	Benzene	20	20.6	ug/Kg	103			84	121	
	1,2-Dichloroethane	20	20.6	ug/Kg	103			81	126	
	Trichloroethene	20	20.5	ug/Kg	103			83	122	
	1,2-Dichloropropane	20	20.8	ug/Kg	104			83	122	
	Bromodichloromethane	20	21.0	ug/Kg	105			82	123	
	4-Methyl-2-Pentanone	100	98.7	ug/Kg	99			70	135	
	Toluene	20	20.0	ug/Kg	100			83	122	
	t-1,3-Dichloropropene	20	19.8	ug/Kg	99			78	124	
	cis-1,3-Dichloropropene	20	20.4	ug/Kg	102			81	122	
	1,1,2-Trichloroethane	20	20.2	ug/Kg	101			82	125	
	2-Hexanone	100	96.4	ug/Kg	96			66	138	
	Dibromochloromethane	20	19.9	ug/Kg	100			79	125	
	1,2-Dibromoethane	20	20.7	ug/Kg	104			80	125	
	Tetrachloroethene	20	20.8	ug/Kg	104			83	125	
	Chlorobenzene	20	20.3	ug/Kg	102			84	122	
	Ethyl Benzene	20	19.8	ug/Kg	99			82	124	
	m/p-Xylenes	40	39.6	ug/Kg	99			83	124	
	o-Xylene	20	19.8	ug/Kg	99			83	123	
	Styrene	20	19.4	ug/Kg	97			82	124	
	Bromoform	20	19.6	ug/Kg	98			75	127	
	Isopropylbenzene	20	19.6	ug/Kg	98			82	124	
	1,1,2,2-Tetrachloroethane	20	20.1	ug/Kg	101			77	127	
	1,3-Dichlorobenzene	20	19.2	ug/Kg	96			83	122	
	1,4-Dichlorobenzene	20	19.6	ug/Kg	98			84	121	
	1,2-Dichlorobenzene	20	20.0	ug/Kg	100			83	124	

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Laboratory Control Sample/Laboratory Control Sample Duplicate Summary

SW-846

SDG No.: Q2161

Client: Scalamandre – Tully JV

Analytical Method: SW8260D **Datafile :** VY022500.D

Lab Sample ID	Parameter	Spike	Result	Unit	Rec	RPD	Qual	Limits Low	Limits High	RPD
VY0602SBS01	1,2-Dibromo-3-Chloropropane	20	21.0	ug/Kg	105			66	134	
	1,2,4-Trichlorobenzene	20	20.7	ug/Kg	104			78	127	
	1,2,3-Trichlorobenzene	20	21.0	ug/Kg	105			70	137	

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VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0530SBL01

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VY022473.D Lab Sample ID: VY0530SBL01

Date Analyzed: 05/30/2025 Time Analyzed: 12:42

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0530SBS01	VY0530SBS01	VY022474.D	05/30/2025
VY0530SBSD01	VY0530SBSD01	VY022475.D	05/30/2025
B28-SOIL-SAMPLE	Q2161-02	VY022485.D	05/30/2025

COMMENTS:

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Fax : 908 789 8922

VOLATILE METHOD BLANK SUMMARY

EPA SAMPLE NO.

VY0602SBL02

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VY022499.D Lab Sample ID: VY0602SBL02

Date Analyzed: 06/02/2025 Time Analyzed: 16:00

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

Instrument ID: MSVOA_Y

THIS METHOD BLANK APPLIES TO THE FOLLOWING SAMPLES, MS AND MSD:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED
VY0602SBS01	VY0602SBS01	VY022500.D	06/02/2025
B27-SOIL-SAMPLE	Q2161-01	VY022508.D	06/02/2025

COMMENTS:

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Fax : 908 789 8922

VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VX046038.D BFB Injection Date: 05/05/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:37

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.1
75	30.0 - 60.0% of mass 95	56.2
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.5 (0.7) 1
174	50.0 - 100.0% of mass 95	68.8
175	5.0 - 9.0% of mass 174	5 (7.3) 1
176	95.0 - 101.0% of mass 174	66.7 (97) 1
177	5.0 - 9.0% of mass 176	4.6 (6.9) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC020	VSTDICC020	VX046041.D	05/05/2025	11:35
VSTDICCC050	VSTDICCC050	VX046042.D	05/05/2025	11:58
VSTDICC100	VSTDICC100	VX046043.D	05/05/2025	12:21
VSTDICC150	VSTDICC150	VX046044.D	05/05/2025	12:45
VSTDICC005	VSTDICC005	VX046046.D	05/05/2025	16:04
VSTDICC001	VSTDICC001	VX046047.D	05/05/2025	16:27

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VX046432.D BFB Injection Date: 06/02/2025

Instrument ID: MSVOA_X BFB Injection Time: 09:42

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: Y/N N

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	22.1
75	30.0 - 60.0% of mass 95	55.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.4
173	Less than 2.0% of mass 174	0.6 (0.9) 1
174	50.0 - 100.0% of mass 95	67.7
175	5.0 - 9.0% of mass 174	5.5 (8.1) 1
176	95.0 - 101.0% of mass 174	66.8 (98.6) 1
177	5.0 - 9.0% of mass 176	4.2 (6.3) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VX046433.D	06/02/2025	10:21
VX0602MBL01	VX0602MBL01	VX046434.D	06/02/2025	10:51
VX0602MBS01	VX0602MBS01	VX046446.D	06/02/2025	15:59
VX0602MBSD01	VX0602MBSD01	VX046447.D	06/02/2025	16:22
B27-SOIL-SAMPLE	Q2161-01	VX046450.D	06/02/2025	17:32
B28-SOIL-SAMPLE	Q2161-02	VX046451.D	06/02/2025	17:56

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VY022420.D BFB Injection Date: 05/27/2025

Instrument ID: MSVOA_Y BFB Injection Time: 08:20

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	23.8
75	30.0 - 60.0% of mass 95	58.1
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	1.1 (1.2) 1
174	50.0 - 100.0% of mass 95	88.8
175	5.0 - 9.0% of mass 174	6.7 (7.6) 1
176	95.0 - 101.0% of mass 174	85.7 (96.4) 1
177	5.0 - 9.0% of mass 176	5.5 (6.5) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY022421.D	05/27/2025	08:50
VSTDICC010	VSTDICC010	VY022422.D	05/27/2025	09:14
VSTDICC020	VSTDICC020	VY022423.D	05/27/2025	09:36
VSTDICCC050	VSTDICCC050	VY022424.D	05/27/2025	09:59
VSTDICC100	VSTDICC100	VY022425.D	05/27/2025	10:22
VSTDICC150	VSTDICC150	VY022426.D	05/27/2025	10:44

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VY022471.D BFB Injection Date: 05/30/2025

Instrument ID: MSVOA_Y BFB Injection Time: 07:54

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	24.9
75	30.0 - 60.0% of mass 95	57.8
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	7
173	Less than 2.0% of mass 174	1.1 (1.4) 1
174	50.0 - 100.0% of mass 95	83
175	5.0 - 9.0% of mass 174	6.4 (7.7) 1
176	95.0 - 101.0% of mass 174	81.1 (97.7) 1
177	5.0 - 9.0% of mass 176	5.1 (6.3) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDCCC050	VSTDCCC050	VY022472.D	05/30/2025	11:20
VY0530SBL01	VY0530SBL01	VY022473.D	05/30/2025	12:42
VY0530SBS01	VY0530SBS01	VY022474.D	05/30/2025	13:14
VY0530SBSD01	VY0530SBSD01	VY022475.D	05/30/2025	13:37
B28-SOIL-SAMPLE	Q2161-02	VY022485.D	05/30/2025	17:48

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VOLATILE ORGANIC INSTRUMENT PERFORMANCE CHECK
BROMOFLUOROBENZENE (BFB)

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VY022488.D BFB Injection Date: 06/02/2025

Instrument ID: MSVOA_Y BFB Injection Time: 08:31

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: Y/N Y

m/e	ION ABUNDANCE CRITERIA	% RELATIVE ABUNDANCE
50	15.0 - 40.0% of mass 95	25.6
75	30.0 - 60.0% of mass 95	58.9
95	Base Peak, 100% relative abundance	100
96	5.0 - 9.0% of mass 95	6.9
173	Less than 2.0% of mass 174	0.5 (0.6) 1
174	50.0 - 100.0% of mass 95	86.2
175	5.0 - 9.0% of mass 174	6.6 (7.6) 1
176	95.0 - 101.0% of mass 174	82.5 (95.6) 1
177	5.0 - 9.0% of mass 176	5.4 (6.6) 2

1-Value is % mass 174 2-Value is % mass 176

THIS CHECK APPLIES TO THE FOLLOWING SAMPLES, MS, MSD, BLANKS, AND STANDARDS:

EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	DATE ANALYZED	TIME ANALYZED
VSTDICC005	VSTDICC005	VY022491.D	06/02/2025	11:46
VSTDICC010	VSTDICC010	VY022492.D	06/02/2025	12:09
VSTDICC020	VSTDICC020	VY022493.D	06/02/2025	12:32
VSTDICCC050	VSTDICCC050	VY022494.D	06/02/2025	12:54
VSTDICC100	VSTDICC100	VY022495.D	06/02/2025	13:17
VSTDICC150	VSTDICC150	VY022496.D	06/02/2025	13:39
VY0602SBL02	VY0602SBL02	VY022499.D	06/02/2025	16:00
VY0602SBS01	VY0602SBS01	VY022500.D	06/02/2025	16:24
B27-SOIL-SAMPLE	Q2161-01	VY022508.D	06/02/2025	19:31

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VX046433.D Date Analyzed: 06/02/2025

Instrument ID: MSVOA_X Time Analyzed: 10:21

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	91247	5.54	155497	6.75	135003	10.05
UPPER LIMIT	182494	6.038	310994	7.251	270006	10.549
LOWER LIMIT	45623.5	5.038	77748.5	6.251	67501.5	9.549
EPA SAMPLE NO.						
B27-SOIL-SAMPLE	63815	5.54	124373	6.76	117389	10.05
B28-SOIL-SAMPLE	62971	5.54	124510	6.76	116885	10.06
VX0602MBL01	62792	5.54	125818	6.75	120866	10.05
VX0602MBS01	86890	5.55	153202	6.76	136628	10.05
VX0602MBSD01	84913	5.54	148772	6.76	128743	10.05

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VX046433.D Date Analyzed: 06/02/2025

Instrument ID: MSVOA_X Time Analyzed: 10:21

GC Column: DB-624UI ID: 0.18 (mm) Heated Purge: (Y/N) N

	IS4 AREA #	RT #				
12 HOUR STD	65264	12.018				
UPPER LIMIT	130528	12.518				
LOWER LIMIT	32632	11.518				
EPA SAMPLE NO.						
B27-SOIL-SAMPLE	54091	12.02				
B28-SOIL-SAMPLE	56286	12.02				
VX0602MBL01	52645	12.02				
VX0602MBS01	64630	12.02				
VX0602MBSD01	60549	12.02				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VY022472.D Date Analyzed: 05/30/2025

Instrument ID: MSVOA_Y Time Analyzed: 11:20

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	214827	7.71	359018	8.62	302615	11.42
UPPER LIMIT	429654	8.207	718036	9.116	605230	11.92
LOWER LIMIT	107414	7.207	179509	8.116	151308	10.92
EPA SAMPLE NO.						
B28-SOIL-SAMPLE	21427 *	7.71	29760 *	8.62	15121 *	11.41
VY0530SBL01	294864	7.71	538664	8.62	419577	11.42
VY0530SBS01	186406	7.71	333200	8.62	281139	11.41
VY0530SBSD01	192865	7.71	341345	8.62	286239	11.41

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VY022472.D Date Analyzed: 05/30/2025

Instrument ID: MSVOA_Y Time Analyzed: 11:20

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #		RT #				
12 HOUR STD	141076		13.347				
UPPER LIMIT	282152		13.847				
LOWER LIMIT	70538		12.847				
EPA SAMPLE NO.							
B28-SOIL-SAMPLE	2932	*	13.35				
VY0530SBL01	145190		13.35				
VY0530SBS01	126345		13.35				
VY0530SBSD01	129296		13.35				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VY022494.D Date Analyzed: 06/02/2025

Instrument ID: MSVOA_Y Time Analyzed: 12:54

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS1 AREA #	RT #	IS2 AREA #	RT #	IS3 AREA #	RT #
12 HOUR STD	209963	7.71	350947	8.62	298187	11.42
UPPER LIMIT	419926	8.213	701894	9.116	596374	11.92
LOWER LIMIT	104982	7.213	175474	8.116	149094	10.92
EPA SAMPLE NO.						
B27-SOIL-SAMPLE	13361 *	7.71	19969 *	8.62	11738 *	11.42
VY0602SBL02	309051	7.71	557091	8.62	442919	11.41
VY0602SBS01	201633	7.71	342745	8.62	291387	11.41

IS1 = Pentafluorobenzene
IS2 = 1,4-Difluorobenzene
IS3 = Chlorobenzene-d5

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

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VOLATILE INTERNAL STANDARD AREA AND RT SUMMARY

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG NO.: Q2161

Lab File ID: VY022494.D Date Analyzed: 06/02/2025

Instrument ID: MSVOA_Y Time Analyzed: 12:54

GC Column: RXI-624 ID: 0.25 (mm) Heated Purge: (Y/N) Y

	IS4 AREA #		RT #				
12 HOUR STD	139554		13.347				
UPPER LIMIT	279108		13.847				
LOWER LIMIT	69777		12.847				
EPA SAMPLE NO.							
B27-SOIL-SAMPLE	2342	*	13.35				
VY0602SBL02	162489		13.35				
VY0602SBS01	136847		13.35				

IS4 = 1,4-Dichlorobenzene-d4

AREA UPPER LIMIT = +100% of internal standard area
AREA LOWER LIMIT = -50% of internal standard area
RT UPPER LIMIT = +0.50 minutes of internal standard RT
RT LOWER LIMIT = -0.50 minutes of internal standard RT

Column used to flag values outside QC limits with an asterisk.
* Values outside of QC limits.

QC SAMPLE DATA

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VY0530SBL01	SDG No.:	Q2161
Lab Sample ID:	VY0530SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022473.D	1		05/30/25 12:42	VY053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VY0530SBL01	SDG No.:	Q2161
Lab Sample ID:	VY0530SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022473.D	1		05/30/25 12:42	VY053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.4		63 - 155	107%	SPK: 50
1868-53-7	Dibromofluoromethane	51.4		70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	49.9		74 - 123	100%	SPK: 50
460-00-4	4-Bromofluorobenzene	40.7		17 - 146	81%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	295000	7.707			
540-36-3	1,4-Difluorobenzene	539000	8.616			
3114-55-4	Chlorobenzene-d5	420000	11.42			
3855-82-1	1,4-Dichlorobenzene-d4	145000	13.347			

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VY0530SBL01	SDG No.:	Q2161
Lab Sample ID:	VY0530SBL01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022473.D	1		05/30/25 12:42	VY053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VY0602SBL02	SDG No.:	Q2161
Lab Sample ID:	VY0602SBL02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022499.D	1		06/02/25 16:00	VY060225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	1.10	U	1.10	5.00	ug/Kg
74-87-3	Chloromethane	1.10	U	1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	0.79	U	0.79	5.00	ug/Kg
74-83-9	Bromomethane	1.10	U	1.10	5.00	ug/Kg
75-00-3	Chloroethane	1.30	U	1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	1.20	U	1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	1.10	U	1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	1.00	U	1.00	5.00	ug/Kg
67-64-1	Acetone	4.70	U	4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	1.10	U	1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	0.73	U	0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	1.50	U	1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	3.50	U	3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	0.86	U	0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	0.80	U	0.80	5.00	ug/Kg
110-82-7	Cyclohexane	0.79	U	0.79	5.00	ug/Kg
78-93-3	2-Butanone	6.50	U	6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	0.97	U	0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	0.75	U	0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	1.20	U	1.20	5.00	ug/Kg
67-66-3	Chloroform	0.84	U	0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	0.93	U	0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	0.91	U	0.91	5.00	ug/Kg
71-43-2	Benzene	0.79	U	0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	0.79	U	0.79	5.00	ug/Kg
79-01-6	Trichloroethene	0.81	U	0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	0.91	U	0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	0.78	U	0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	3.60	U	3.60	25.0	ug/Kg
108-88-3	Toluene	0.78	U	0.78	5.00	ug/Kg

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VY0602SBL02	SDG No.:	Q2161
Lab Sample ID:	VY0602SBL02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022499.D	1		06/02/25 16:00	VY060225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	0.65	U	0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	0.62	U	0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	0.92	U	0.92	5.00	ug/Kg
591-78-6	2-Hexanone	3.70	U	3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	0.87	U	0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	0.88	U	0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	1.10	U	1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	0.91	U	0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	0.67	U	0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	1.20	U	1.20	10.0	ug/Kg
95-47-6	o-Xylene	0.82	U	0.82	5.00	ug/Kg
100-42-5	Styrene	0.71	U	0.71	5.00	ug/Kg
75-25-2	Bromoform	0.86	U	0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	0.78	U	0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	1.20	U	1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	1.70	U	1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	1.60	U	1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	1.50	U	1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	1.80	U	1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	3.00	U	3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	3.20	U	3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	53.2		63 - 155	106%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	49.7		74 - 123	99%	SPK: 50
460-00-4	4-Bromofluorobenzene	42.8		17 - 146	86%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	309000	7.707			
540-36-3	1,4-Difluorobenzene	557000	8.616			
3114-55-4	Chlorobenzene-d5	443000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	162000	13.347			

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VY0602SBL02	SDG No.:	Q2161
Lab Sample ID:	VY0602SBL02	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022499.D	1		06/02/25 16:00	VY060225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VY0530SBS01	SDG No.:	Q2161
Lab Sample ID:	VY0530SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022474.D	1		05/30/25 13:14	VY053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	23.7		1.10	5.00	ug/Kg
74-87-3	Chloromethane	29.4		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	27.2		0.79	5.00	ug/Kg
74-83-9	Bromomethane	28.7		1.10	5.00	ug/Kg
75-00-3	Chloroethane	27.2		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	26.1		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	22.6		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	23.1		1.00	5.00	ug/Kg
67-64-1	Acetone	110		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	22.3		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	23.0		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	25.3		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	24.1		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	23.0		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	23.9		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	22.0		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	21.3		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	22.9		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	24.0		1.20	5.00	ug/Kg
67-66-3	Chloroform	24.0		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	22.8		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.7		0.91	5.00	ug/Kg
71-43-2	Benzene	21.7		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	21.8		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.9		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	21.5		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	21.8		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	100		3.60	25.0	ug/Kg
108-88-3	Toluene	21.5		0.78	5.00	ug/Kg

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VY0530SBS01	SDG No.:	Q2161
Lab Sample ID:	VY0530SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022474.D	1		05/30/25 13:14	VY053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	21.1		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.9		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.6		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	96.5		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	21.0		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.4		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.5		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	21.3		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.8		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	41.3		1.20	10.0	ug/Kg
95-47-6	o-Xylene	21.2		0.82	5.00	ug/Kg
100-42-5	Styrene	20.6		0.71	5.00	ug/Kg
75-25-2	Bromoform	20.6		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	21.3		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	21.3		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	21.0		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	21.3		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	21.5		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	20.0		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.2		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	20.8		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	57.4		63 - 155	115%	SPK: 50
1868-53-7	Dibromofluoromethane	52.0		70 - 134	104%	SPK: 50
2037-26-5	Toluene-d8	52.3		74 - 123	105%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.6		17 - 146	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	186000	7.707			
540-36-3	1,4-Difluorobenzene	333000	8.616			
3114-55-4	Chlorobenzene-d5	281000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	126000	13.346			

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VY0530SBS01	SDG No.:	Q2161
Lab Sample ID:	VY0530SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022474.D	1		05/30/25 13:14	VY053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VY0602SBS01	SDG No.:	Q2161
Lab Sample ID:	VY0602SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022500.D	1		06/02/25 16:24	VY060225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	22.1		1.10	5.00	ug/Kg
74-87-3	Chloromethane	19.1		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	20.5		0.79	5.00	ug/Kg
74-83-9	Bromomethane	21.8		1.10	5.00	ug/Kg
75-00-3	Chloroethane	20.8		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	22.2		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	20.8		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	20.5		1.00	5.00	ug/Kg
67-64-1	Acetone	87.0		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	20.3		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	20.5		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	21.6		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	19.1		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	20.9		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	20.6		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	20.2		0.79	5.00	ug/Kg
78-93-3	2-Butanone	96.6		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.0		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	20.8		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	20.1		1.20	5.00	ug/Kg
67-66-3	Chloroform	21.0		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	21.3		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.5		0.91	5.00	ug/Kg
71-43-2	Benzene	20.6		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	20.6		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.5		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	20.8		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	21.0		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	98.7		3.60	25.0	ug/Kg
108-88-3	Toluene	20.0		0.78	5.00	ug/Kg

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VY0602SBS01	SDG No.:	Q2161
Lab Sample ID:	VY0602SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022500.D	1		06/02/25 16:24	VY060225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	19.8		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.4		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	20.2		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	96.4		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	19.9		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	20.7		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.8		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	20.3		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	19.8		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	39.6		1.20	10.0	ug/Kg
95-47-6	o-Xylene	19.8		0.82	5.00	ug/Kg
100-42-5	Styrene	19.4		0.71	5.00	ug/Kg
75-25-2	Bromoform	19.6		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	19.6		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	20.1		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	19.2		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	19.6		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	20.0		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	21.0		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	20.7		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	21.0		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	50.8		63 - 155	102%	SPK: 50
1868-53-7	Dibromofluoromethane	51.6		70 - 134	103%	SPK: 50
2037-26-5	Toluene-d8	51.9		74 - 123	104%	SPK: 50
460-00-4	4-Bromofluorobenzene	50.7		17 - 146	101%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	202000	7.713			
540-36-3	1,4-Difluorobenzene	343000	8.616			
3114-55-4	Chlorobenzene-d5	291000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	137000	13.347			

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VY0602SBS01	SDG No.:	Q2161
Lab Sample ID:	VY0602SBS01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022500.D	1		06/02/25 16:24	VY060225

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VY0530SBSD01	SDG No.:	Q2161
Lab Sample ID:	VY0530SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022475.D	1		05/30/25 13:37	VY053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
75-71-8	Dichlorodifluoromethane	22.8		1.10	5.00	ug/Kg
74-87-3	Chloromethane	22.5		1.10	5.00	ug/Kg
75-01-4	Vinyl Chloride	24.0		0.79	5.00	ug/Kg
74-83-9	Bromomethane	25.9		1.10	5.00	ug/Kg
75-00-3	Chloroethane	26.2		1.30	5.00	ug/Kg
75-69-4	Trichlorofluoromethane	25.1		1.20	5.00	ug/Kg
76-13-1	1,1,2-Trichlorotrifluoroethane	22.2		1.10	5.00	ug/Kg
75-35-4	1,1-Dichloroethene	22.2		1.00	5.00	ug/Kg
67-64-1	Acetone	120		4.70	25.0	ug/Kg
75-15-0	Carbon Disulfide	21.5		1.10	5.00	ug/Kg
1634-04-4	Methyl tert-butyl Ether	23.1		0.73	5.00	ug/Kg
79-20-9	Methyl Acetate	24.2		1.50	5.00	ug/Kg
75-09-2	Methylene Chloride	21.9		3.50	10.0	ug/Kg
156-60-5	trans-1,2-Dichloroethene	21.8		0.86	5.00	ug/Kg
75-34-3	1,1-Dichloroethane	22.8		0.80	5.00	ug/Kg
110-82-7	Cyclohexane	21.3		0.79	5.00	ug/Kg
78-93-3	2-Butanone	110		6.50	25.0	ug/Kg
56-23-5	Carbon Tetrachloride	20.8		0.97	5.00	ug/Kg
156-59-2	cis-1,2-Dichloroethene	22.4		0.75	5.00	ug/Kg
74-97-5	Bromochloromethane	22.9		1.20	5.00	ug/Kg
67-66-3	Chloroform	23.4		0.84	5.00	ug/Kg
71-55-6	1,1,1-Trichloroethane	22.2		0.93	5.00	ug/Kg
108-87-2	Methylcyclohexane	20.0		0.91	5.00	ug/Kg
71-43-2	Benzene	21.6		0.79	5.00	ug/Kg
107-06-2	1,2-Dichloroethane	22.2		0.79	5.00	ug/Kg
79-01-6	Trichloroethene	20.9		0.81	5.00	ug/Kg
78-87-5	1,2-Dichloropropane	22.1		0.91	5.00	ug/Kg
75-27-4	Bromodichloromethane	21.5		0.78	5.00	ug/Kg
108-10-1	4-Methyl-2-Pentanone	110		3.60	25.0	ug/Kg
108-88-3	Toluene	21.1		0.78	5.00	ug/Kg

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VY0530SBSD01	SDG No.:	Q2161
Lab Sample ID:	VY0530SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022475.D	1		05/30/25 13:37	VY053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
10061-02-6	t-1,3-Dichloropropene	20.2		0.65	5.00	ug/Kg
10061-01-5	cis-1,3-Dichloropropene	20.7		0.62	5.00	ug/Kg
79-00-5	1,1,2-Trichloroethane	21.6		0.92	5.00	ug/Kg
591-78-6	2-Hexanone	110		3.70	25.0	ug/Kg
124-48-1	Dibromochloromethane	20.8		0.87	5.00	ug/Kg
106-93-4	1,2-Dibromoethane	21.5		0.88	5.00	ug/Kg
127-18-4	Tetrachloroethene	20.5		1.10	5.00	ug/Kg
108-90-7	Chlorobenzene	21.4		0.91	5.00	ug/Kg
100-41-4	Ethyl Benzene	20.6		0.67	5.00	ug/Kg
179601-23-1	m/p-Xylenes	40.9		1.20	10.0	ug/Kg
95-47-6	o-Xylene	20.7		0.82	5.00	ug/Kg
100-42-5	Styrene	20.6		0.71	5.00	ug/Kg
75-25-2	Bromoform	21.1		0.86	5.00	ug/Kg
98-82-8	Isopropylbenzene	21.1		0.78	5.00	ug/Kg
79-34-5	1,1,2,2-Tetrachloroethane	22.8		1.20	5.00	ug/Kg
541-73-1	1,3-Dichlorobenzene	20.9		1.70	5.00	ug/Kg
106-46-7	1,4-Dichlorobenzene	21.3		1.60	5.00	ug/Kg
95-50-1	1,2-Dichlorobenzene	21.7		1.50	5.00	ug/Kg
96-12-8	1,2-Dibromo-3-Chloropropane	22.6		1.80	5.00	ug/Kg
120-82-1	1,2,4-Trichlorobenzene	21.5		3.00	5.00	ug/Kg
87-61-6	1,2,3-Trichlorobenzene	22.4		3.20	5.00	ug/Kg
SURROGATES						
17060-07-0	1,2-Dichloroethane-d4	55.4		63 - 155	111%	SPK: 50
1868-53-7	Dibromofluoromethane	51.0		70 - 134	102%	SPK: 50
2037-26-5	Toluene-d8	50.5		74 - 123	101%	SPK: 50
460-00-4	4-Bromofluorobenzene	48.4		17 - 146	97%	SPK: 50
INTERNAL STANDARDS						
363-72-4	Pentafluorobenzene	193000	7.707			
540-36-3	1,4-Difluorobenzene	341000	8.615			
3114-55-4	Chlorobenzene-d5	286000	11.414			
3855-82-1	1,4-Dichlorobenzene-d4	129000	13.346			

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Report of Analysis

Client:	Scalamandre – Tully JV	Date Collected:	
Project:	NYC DOT Harper Street Yard North	Date Received:	
Client Sample ID:	VY0530SBSD01	SDG No.:	Q2161
Lab Sample ID:	VY0530SBSD01	Matrix:	SOIL
Analytical Method:	8260D	% Solid:	100
Sample Wt/Vol:	5 Units: g	Final Vol:	5000 uL
Soil Aliquot Vol:	uL	Test:	VOCMS Group1
GC Column:	RXI-624 ID : 0.25	Level :	LOW
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
VY022475.D	1		05/30/25 13:37	VY053025

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units

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

CALIBRATION SUMMARY

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: MSVOA_X Calibration Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:35 16:27

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF020 = VX046041.D RRF050 = VX046042.D RRF100 = VX046043.D
RRF150 = VX046044.D RRF005 = VX046046.D RRF001 = VX046047.D

COMPOUND	RRF020	RRF050	RRF100	RRF150	RRF005	RRF001	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.697	0.864	0.859	0.875	0.639	0.658	0.765	14.6
Chloromethane	0.727	0.775	0.787	0.791	0.679	0.694	0.742	6.6
Vinyl Chloride	0.660	0.710	0.727	0.755	0.619	0.673	0.691	7.2
Bromomethane	0.296	0.326	0.340	0.334	0.305		0.320	5.8
Chloroethane	0.354	0.378	0.329	0.317	0.368	0.467	0.369	14.4
Trichlorofluoromethane	1.035	1.068	0.983	0.985	0.990	1.064	1.021	3.9
1,1,2-Trichlorotrifluoroethane	0.628	0.641	0.629	0.648	0.610	0.633	0.632	2.1
1,1-Dichloroethene	0.565	0.601	0.607	0.625	0.567	0.594	0.593	3.9
Acetone	0.361	0.362	0.361	0.370	0.408	0.380	0.374	4.9
Carbon Disulfide	1.295	1.455	1.522	1.597	1.141	1.423	1.406	11.7
Methyl tert-butyl Ether	2.044	2.160	2.172	2.239	1.908	1.949	2.079	6.4
Methyl Acetate	0.814	0.848	0.845	0.875	0.816	1.006	0.867	8.3
Methylene Chloride	0.689	0.684	0.691	0.691	0.689	0.853	0.716	9.4
trans-1,2-Dichloroethene	0.573	0.610	0.612	0.622	0.557	0.604	0.596	4.3
1,1-Dichloroethane	1.233	1.263	1.263	1.286	1.154	1.116	1.219	5.6
Cyclohexane	1.090	1.128	1.128	1.150	1.059		1.111	3.3
2-Butanone	0.540	0.555	0.558	0.569	0.539	0.495	0.543	4.8
Carbon Tetrachloride	0.528	0.558	0.552	0.577	0.505	0.541	0.544	4.6
cis-1,2-Dichloroethene	0.716	0.737	0.738	0.755	0.642	0.719	0.718	5.5
Bromochloromethane	0.628	0.578	0.595	0.590	0.553	0.576	0.587	4.3
Chloroform	1.287	1.296	1.277	1.300	1.199	1.265	1.271	3
1,1,1-Trichloroethane	1.106	1.131	1.155	1.188	1.013	1.015	1.101	6.6
Methylcyclohexane	0.596	0.641	0.627	0.658	0.587	0.627	0.623	4.3
Benzene	1.426	1.474	1.441	1.477	1.337	1.348	1.417	4.3
1,2-Dichloroethane	0.632	0.627	0.611	0.625	0.594	0.579	0.612	3.5
Trichloroethene	0.344	0.355	0.345	0.362	0.315	0.324	0.341	5.3
1,2-Dichloropropane	0.356	0.371	0.368	0.378	0.324	0.317	0.352	7.4
Bromodichloromethane	0.557	0.577	0.573	0.594	0.498	0.485	0.547	8.2
4-Methyl-2-Pentanone	0.620	0.634	0.630	0.631	0.555	0.561	0.605	6
Toluene	0.884	0.898	0.885	0.904	0.838	0.803	0.869	4.5

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

Alliance TECHNICAL GROUP
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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: MSVOA_X Calibration Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Calibration Time(s): 11:35 16:27

GC Column: DB-624UI ID: 0.18 (mm)

LAB FILE ID: RRF020 = VX046041.D RRF050 = VX046042.D RRF100 = VX046043.D
RRF150 = VX046044.D RRF005 = VX046046.D RRF001 = VX046047.D

COMPOUND	RRF020	RRF050	RRF100	RRF150	RRF005	RRF001	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.468	0.528	0.555	0.591	0.406	0.371	0.487	17.9
cis-1,3-Dichloropropene	0.531	0.578	0.602	0.623	0.469	0.423	0.538	14.6
1,1,2-Trichloroethane	0.349	0.354	0.351	0.356	0.337	0.308	0.343	5.3
2-Hexanone	0.466	0.473	0.477	0.473	0.414	0.385	0.448	8.7
Dibromochloromethane	0.378	0.400	0.415	0.431	0.326	0.306	0.376	13.3
1,2-Dibromoethane	0.359	0.373	0.368	0.381	0.333	0.322	0.356	6.5
Tetrachloroethene	0.390	0.375	0.345	0.344	0.323	0.347	0.354	6.8
Chlorobenzene	1.093	1.098	1.085	1.114	1.046	1.131	1.094	2.7
Ethyl Benzene	1.919	2.022	1.979	2.036	1.816	1.803	1.929	5.2
m/p-Xylenes	0.706	0.740	0.721	0.740	0.678	0.648	0.706	5.2
o-Xylene	0.688	0.727	0.706	0.726	0.639	0.642	0.688	5.7
Styrene	1.135	1.219	1.214	1.230	1.012	0.951	1.127	10.6
Bromoform	0.270	0.304	0.312	0.327	0.236	0.234	0.281	14.2
Isopropylbenzene	3.843	4.130	3.876	4.156	3.562	3.789	3.893	5.7
1,1,2,2-Tetrachloroethane	1.315	1.338	1.284	1.345	1.350	1.552	1.364	7
1,3-Dichlorobenzene	1.633	1.701	1.656	1.730	1.558	1.619	1.649	3.7
1,4-Dichlorobenzene	1.629	1.693	1.639	1.722	1.606	1.817	1.684	4.6
1,2-Dichlorobenzene	1.613	1.696	1.634	1.702	1.577	1.710	1.655	3.3
1,2-Dibromo-3-Chloropropane	0.299	0.322	0.329	0.356	0.248	0.259	0.302	13.9
1,2,4-Trichlorobenzene	0.861	0.981	1.035	1.123	0.842	0.862	0.951	12
1,2,3-Trichlorobenzene	0.921	1.019	1.051	1.107	0.846	0.941	0.981	9.7
1,2-Dichloroethane-d4	0.953	0.910	0.930	0.932	0.935		0.932	1.6
Dibromofluoromethane	0.359	0.355	0.364	0.368	0.354		0.360	1.7
Toluene-d8	1.246	1.223	1.266	1.275	1.221		1.246	2
4-Bromofluorobenzene	0.455	0.470	0.500	0.500	0.464		0.478	4.4

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922

VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: MSVOA_Y Calibration Date(s): 05/27/2025 05/27/2025

Heated Purge: (Y/N) Y Calibration Time(s): 08:50 10:44

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY022421.D RRF010 = VY022422.D RRF020 = VY022423.D
RRF050 = VY022424.D RRF100 = VY022425.D RRF150 = VY022426.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.544	0.509	0.526	0.423	0.430	0.429	0.477	11.6
Chloromethane	1.364	1.331	1.300	1.196	0.936	0.912	1.173	17.1
Vinyl Chloride	1.535	1.493	1.522	1.453	1.292	1.257	1.425	8.5
Bromomethane	1.261	1.281	1.397	1.275	1.213	1.345	1.295	5.1
Chloroethane	0.930	0.881	0.949	1.015	0.907	0.907	0.932	5
Trichlorofluoromethane	1.243	1.174	1.222	1.197	1.187	1.193	1.203	2.1
1,1,2-Trichlorotrifluoroethane	0.552	0.517	0.541	0.520	0.523	0.512	0.528	2.9
1,1-Dichloroethene	0.552	0.512	0.533	0.511	0.520	0.515	0.524	3
Acetone	0.094	0.090	0.081	0.085	0.086	0.083	0.087	5.6
Carbon Disulfide	1.672	1.675	1.707	1.653	1.672	1.650	1.672	1.2
Methyl tert-butyl Ether	1.353	1.359	1.357	1.386	1.445	1.445	1.391	3.1
Methyl Acetate	0.288	0.319	0.296	0.308	0.351	0.383	0.324	11.2
Methylene Chloride	0.778	0.669	0.578	0.549	0.550	0.543	0.611	15.5
trans-1,2-Dichloroethene	0.595	0.556	0.555	0.561	0.582	0.582	0.572	2.9
1,1-Dichloroethane	1.000	0.986	1.035	1.027	1.062	1.056	1.028	2.9
Cyclohexane	1.220	1.044	0.997	0.939	0.947	0.931	1.013	10.9
2-Butanone	0.137	0.144	0.136	0.142	0.152	0.154	0.144	5.2
Carbon Tetrachloride	0.473	0.456	0.471	0.481	0.510	0.512	0.484	4.7
cis-1,2-Dichloroethene	0.655	0.647	0.650	0.652	0.684	0.685	0.662	2.6
Bromochloromethane	0.400	0.426	0.435	0.439	0.439	0.437	0.429	3.5
Chloroform	0.966	0.970	1.023	1.026	1.052	1.038	1.013	3.5
1,1,1-Trichloroethane	0.900	0.894	0.916	0.913	0.952	0.940	0.919	2.5
Methylcyclohexane	0.611	0.602	0.603	0.614	0.638	0.636	0.618	2.6
Benzene	1.308	1.312	1.360	1.391	1.463	1.461	1.383	5
1,2-Dichloroethane	0.348	0.348	0.360	0.369	0.383	0.384	0.365	4.5
Trichloroethene	0.334	0.325	0.344	0.343	0.357	0.347	0.342	3.3
1,2-Dichloropropane	0.321	0.307	0.318	0.323	0.342	0.339	0.325	4
Bromodichloromethane	0.452	0.449	0.449	0.464	0.493	0.494	0.467	4.5
4-Methyl-2-Pentanone	0.185	0.197	0.198	0.218	0.237	0.242	0.213	10.8
Toluene	0.782	0.805	0.842	0.868	0.929	0.957	0.864	7.9

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: MSVOA_Y Calibration Date(s): 05/27/2025 05/27/2025

Heated Purge: (Y/N) Y Calibration Time(s): 08:50 10:44

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY022421.D RRF010 = VY022422.D RRF020 = VY022423.D
RRF050 = VY022424.D RRF100 = VY022425.D RRF150 = VY022426.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.400	0.414	0.416	0.434	0.472	0.473	0.435	7.1
cis-1,3-Dichloropropene	0.477	0.480	0.504	0.508	0.549	0.547	0.511	6.1
1,1,2-Trichloroethane	0.219	0.216	0.226	0.229	0.243	0.243	0.229	5.1
2-Hexanone	0.121	0.125	0.129	0.145	0.157	0.159	0.140	12
Dibromochloromethane	0.258	0.274	0.284	0.302	0.320	0.321	0.293	8.7
1,2-Dibromoethane	0.199	0.189	0.207	0.215	0.223	0.225	0.210	6.8
Tetrachloroethene	0.433	0.417	0.433	0.429	0.429	0.413	0.426	2.1
Chlorobenzene	1.020	1.000	1.051	1.067	1.132	1.127	1.066	5.1
Ethyl Benzene	1.823	1.828	1.920	1.980	2.142	2.185	1.980	7.8
m/p-Xylenes	0.698	0.660	0.723	0.756	0.825	0.841	0.751	9.5
o-Xylene	0.654	0.637	0.673	0.709	0.768	0.792	0.705	8.9
Styrene	1.037	1.020	1.117	1.197	1.317	1.359	1.175	12.1
Bromoform	0.169	0.176	0.184	0.192	0.206	0.210	0.189	8.6
Isopropylbenzene	3.863	3.741	3.946	3.871	4.105	4.086	3.935	3.6
1,1,2,2-Tetrachloroethane	0.623	0.574	0.604	0.615	0.652	0.653	0.620	4.8
1,3-Dichlorobenzene	1.587	1.558	1.674	1.695	1.836	1.874	1.704	7.5
1,4-Dichlorobenzene	1.596	1.527	1.617	1.642	1.707	1.687	1.629	4
1,2-Dichlorobenzene	1.383	1.332	1.431	1.416	1.495	1.482	1.423	4.3
1,2-Dibromo-3-Chloropropane	0.103	0.093	0.096	0.093	0.093	0.096	0.096	3.8
1,2,4-Trichlorobenzene	0.714	0.724	0.771	0.828	0.842	0.856	0.789	7.8
1,2,3-Trichlorobenzene	0.575	0.554	0.644	0.684	0.703	0.722	0.647	10.7
1,2-Dichloroethane-d4	0.507	0.525	0.517	0.532	0.541	0.538	0.527	2.5
Dibromofluoromethane	0.287	0.281	0.283	0.290	0.309	0.308	0.293	4.3
Toluene-d8	1.159	1.133	1.168	1.176	1.274	1.251	1.194	4.7
4-Bromofluorobenzene	0.377	0.331	0.345	0.355	0.382	0.376	0.361	5.7

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: MSVOA_Y Calibration Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Calibration Time(s): 11:46 13:39

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY022491.D RRF010 = VY022492.D RRF020 = VY022493.D
RRF050 = VY022494.D RRF100 = VY022495.D RRF150 = VY022496.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
Dichlorodifluoromethane	0.433	0.542	0.495	0.413	0.397	0.405	0.448	13
Chloromethane	1.320	1.590	1.431	1.230	1.178	1.185	1.322	12.3
Vinyl Chloride	1.371	1.814	1.647	1.497	1.444	1.432	1.534	10.8
Bromomethane	1.365	1.735	1.705	1.240	1.341	1.436	1.470	13.8
Chloroethane	0.973	1.278	1.198	0.965	0.941	0.964	1.053	13.8
Trichlorofluoromethane	1.135	1.492	1.430	1.224	1.223	1.310	1.302	10.5
1,1,2-Trichlorotrifluoroethane	0.510	0.615	0.572	0.538	0.522	0.534	0.549	7.1
1,1-Dichloroethene	0.469	0.577	0.549	0.518	0.510	0.523	0.524	7
Acetone	0.130	0.119	0.120	0.116	0.105	0.092	0.114	11.6
Carbon Disulfide	1.503	1.870	1.731	1.664	1.638	1.666	1.679	7.2
Methyl tert-butyl Ether	1.307	1.618	1.571	1.470	1.435	1.462	1.477	7.4
Methyl Acetate	0.280	0.408	0.396	0.333	0.301	0.301	0.336	15.9
Methylene Chloride	0.861	0.700	0.637	0.574	0.548	0.550	0.645	18.7
trans-1,2-Dichloroethene	0.522	0.651	0.612	0.571	0.574	0.592	0.587	7.4
1,1-Dichloroethane	0.968	1.193	1.124	1.060	1.051	1.080	1.079	7
Cyclohexane	1.168	1.208	1.098	1.015	0.970	0.988	1.075	9.2
2-Butanone	0.143	0.174	0.178	0.168	0.163	0.157	0.164	7.6
Carbon Tetrachloride	0.415	0.516	0.497	0.508	0.508	0.537	0.497	8.5
cis-1,2-Dichloroethene	0.592	0.731	0.706	0.682	0.668	0.691	0.678	7
Bromochloromethane	0.470	0.477	0.479	0.454	0.469	0.474	0.471	1.9
Chloroform	0.960	1.183	1.109	1.058	1.043	1.062	1.069	6.9
1,1,1-Trichloroethane	0.819	1.029	0.970	0.948	0.951	0.977	0.949	7.4
Methylcyclohexane	0.568	0.674	0.645	0.657	0.664	0.698	0.651	6.9
Benzene	1.213	1.487	1.473	1.441	1.452	1.518	1.431	7.7
1,2-Dichloroethane	0.320	0.424	0.413	0.390	0.395	0.401	0.391	9.4
Trichloroethene	0.294	0.388	0.353	0.355	0.350	0.358	0.350	8.7
1,2-Dichloropropane	0.274	0.364	0.354	0.344	0.344	0.349	0.338	9.6
Bromodichloromethane	0.380	0.525	0.499	0.491	0.491	0.508	0.482	10.7
4-Methyl-2-Pentanone	0.175	0.242	0.246	0.243	0.244	0.246	0.233	12.1
Toluene	0.732	0.932	0.904	0.903	0.933	0.990	0.899	9.8

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE ORGANICS INITIAL CALIBRATION DATA

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: MSVOA_Y Calibration Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Calibration Time(s): 11:46 13:39

GC Column: RXI-624 ID: 0.25 (mm)

LAB FILE ID: RRF005 = VY022491.D RRF010 = VY022492.D RRF020 = VY022493.D
RRF050 = VY022494.D RRF100 = VY022495.D RRF150 = VY022496.D

COMPOUND	RRF005	RRF010	RRF020	RRF050	RRF100	RRF150	$\overline{RRF}$	% RSD
t-1,3-Dichloropropene	0.350	0.468	0.476	0.461	0.468	0.487	0.452	11.2
cis-1,3-Dichloropropene	0.423	0.549	0.545	0.537	0.544	0.558	0.526	9.7
1,1,2-Trichloroethane	0.207	0.257	0.258	0.242	0.243	0.249	0.243	7.7
2-Hexanone	0.120	0.158	0.166	0.162	0.165	0.162	0.156	11.3
Dibromochloromethane	0.248	0.320	0.325	0.314	0.319	0.323	0.308	9.6
1,2-Dibromoethane	0.174	0.236	0.239	0.223	0.225	0.230	0.221	10.9
Tetrachloroethene	0.375	0.474	0.448	0.437	0.416	0.432	0.430	7.7
Chlorobenzene	0.949	1.170	1.102	1.116	1.120	1.182	1.106	7.5
Ethyl Benzene	1.655	2.090	2.006	2.083	2.148	2.332	2.052	10.9
m/p-Xylenes	0.616	0.780	0.765	0.785	0.822	0.899	0.778	11.9
o-Xylene	0.583	0.749	0.721	0.734	0.764	0.826	0.729	11
Styrene	0.909	1.195	1.189	1.233	1.291	1.417	1.206	13.9
Bromoform	0.161	0.209	0.200	0.201	0.206	0.214	0.198	9.7
Isopropylbenzene	3.470	4.308	4.090	4.136	4.167	4.460	4.105	8.3
1,1,2,2-Tetrachloroethane	0.570	0.738	0.692	0.682	0.671	0.689	0.674	8.3
1,3-Dichlorobenzene	1.514	1.783	1.730	1.733	1.809	1.963	1.755	8.3
1,4-Dichlorobenzene	1.508	1.814	1.733	1.701	1.677	1.781	1.702	6.3
1,2-Dichlorobenzene	1.246	1.582	1.547	1.512	1.490	1.564	1.490	8.3
1,2-Dibromo-3-Chloropropane	0.074	0.110	0.103	0.105	0.098	0.099	0.098	12.7
1,2,4-Trichlorobenzene	0.667	0.863	0.812	0.817	0.851	0.865	0.813	9.2
1,2,3-Trichlorobenzene	0.622	0.721	0.712	0.699	0.710	0.714	0.697	5.3
1,2-Dichloroethane-d4	0.523	0.574	0.556	0.591	0.552	0.559	0.559	4.1
Dibromofluoromethane	0.264	0.283	0.301	0.321	0.307	0.315	0.298	7.2
Toluene-d8	1.067	1.181	1.158	1.279	1.253	1.298	1.206	7.2
4-Bromofluorobenzene	0.339	0.339	0.347	0.372	0.373	0.386	0.359	5.6

* Compounds with required minimum RRF and maximum %RSD values.
All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: MSVOA_X Calibration Date/Time: 06/02/2025 10:21

Lab File ID: VX046433.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.765	0.849		10.98	20
Chloromethane	0.742	0.817	0.1	10.11	20
Vinyl Chloride	0.691	0.734		6.22	20
Bromomethane	0.320	0.335		4.69	20
Chloroethane	0.369	0.412		11.65	20
Trichlorofluoromethane	1.021	1.136		11.26	20
1,1,2-Trichlorotrifluoroethane	0.632	0.722		14.24	20
1,1-Dichloroethene	0.593	0.650		9.61	20
Acetone	0.374	0.439		17.38	20
Carbon Disulfide	1.406	1.520		8.11	20
Methyl tert-butyl Ether	2.079	2.353		13.18	20
Methyl Acetate	0.867	1.189		37.14	20
Methylene Chloride	0.716	0.757		5.73	20
trans-1,2-Dichloroethene	0.596	0.645		8.22	20
1,1-Dichloroethane	1.219	1.379	0.1	13.13	20
Cyclohexane	1.111	1.177		5.94	20
2-Butanone	0.543	0.604		11.23	20
Carbon Tetrachloride	0.544	0.625		14.89	20
cis-1,2-Dichloroethene	0.718	0.805		12.12	20
Bromochloromethane	0.587	0.610		3.92	20
Chloroform	1.271	1.419		11.64	20
1,1,1-Trichloroethane	1.101	1.237		12.35	20
Methylcyclohexane	0.623	0.681		9.31	20
Benzene	1.417	1.575		11.15	20
1,2-Dichloroethane	0.612	0.699		14.22	20
Trichloroethene	0.341	0.385		12.9	20
1,2-Dichloropropane	0.352	0.411		16.76	20
Bromodichloromethane	0.547	0.648		18.46	20
4-Methyl-2-Pentanone	0.605	0.682		12.73	20
Toluene	0.869	0.958		10.24	20
t-1,3-Dichloropropene	0.487	0.591		21.35	20
cis-1,3-Dichloropropene	0.538	0.646		20.07	20
1,1,2-Trichloroethane	0.343	0.382		11.37	20
2-Hexanone	0.448	0.509		13.62	20
Dibromochloromethane	0.376	0.460		22.34	20
1,2-Dibromoethane	0.356	0.395		10.95	20
Tetrachloroethene	0.354	0.389		9.89	20
Chlorobenzene	1.094	1.197	0.3	9.41	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: MSVOA_X Calibration Date/Time: 06/02/2025 10:21

Lab File ID: VX046433.D Init. Calib. Date(s): 05/05/2025 05/05/2025

Heated Purge: (Y/N) N Init. Calib. Time(s): 11:35 16:27

GC Column: DB-624UI ID: 0.18 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.929	2.190		13.53	20
m/p-Xylenes	0.706	0.792		12.18	20
o-Xylene	0.688	0.779		13.23	20
Styrene	1.127	1.328		17.83	20
Bromoform	0.281	0.340	0.1	21	20
Isopropylbenzene	3.893	4.366		12.15	20
1,1,2,2-Tetrachloroethane	1.364	1.417	0.3	3.89	20
1,3-Dichlorobenzene	1.649	1.823		10.55	20
1,4-Dichlorobenzene	1.684	1.827		8.49	20
1,2-Dichlorobenzene	1.655	1.818		9.85	20
1,2-Dibromo-3-Chloropropane	0.302	0.337		11.59	20
1,2,4-Trichlorobenzene	0.951	1.078		13.35	20
1,2,3-Trichlorobenzene	0.981	1.103		12.44	20
1,2-Dichloroethane-d4	0.932	0.936		0.43	20
Dibromofluoromethane	0.360	0.394		9.44	20
Toluene-d8	1.246	1.254		0.64	20
4-Bromofluorobenzene	0.478	0.507		6.07	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: MSVOA_Y Calibration Date/Time: 05/30/2025 11:20

Lab File ID: VY022472.D Init. Calib. Date(s): 05/27/2025 05/27/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 08:50 10:44

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.477	0.443		-7.13	20
Chloromethane	1.173	1.101	0.1	-6.14	20
Vinyl Chloride	1.425	1.489		4.49	20
Bromomethane	1.295	1.258		-2.86	20
Chloroethane	0.932	1.031		10.62	20
Trichlorofluoromethane	1.203	1.304		8.4	20
1,1,2-Trichlorotrifluoroethane	0.528	0.546		3.41	20
1,1-Dichloroethene	0.524	0.533		1.72	20
Acetone	0.087	0.136		56.32	20
Carbon Disulfide	1.672	1.671		-0.06	20
Methyl tert-butyl Ether	1.391	1.455		4.6	20
Methyl Acetate	0.324	0.347		7.1	20
Methylene Chloride	0.611	0.624		2.13	20
trans-1,2-Dichloroethene	0.572	0.576		0.7	20
1,1-Dichloroethane	1.028	1.102	0.1	7.2	20
Cyclohexane	1.013	0.985		-2.76	20
2-Butanone	0.144	0.177		22.92	20
Carbon Tetrachloride	0.484	0.499		3.1	20
cis-1,2-Dichloroethene	0.662	0.678		2.42	20
Bromochloromethane	0.429	0.474		10.49	20
Chloroform	1.013	1.075		6.12	20
1,1,1-Trichloroethane	0.919	0.966		5.11	20
Methylcyclohexane	0.618	0.635		2.75	20
Benzene	1.383	1.452		4.99	20
1,2-Dichloroethane	0.365	0.396		8.49	20
Trichloroethene	0.342	0.351		2.63	20
1,2-Dichloropropane	0.325	0.345		6.15	20
Bromodichloromethane	0.467	0.499		6.85	20
4-Methyl-2-Pentanone	0.213	0.239		12.21	20
Toluene	0.864	0.911		5.44	20
t-1,3-Dichloropropene	0.435	0.463		6.44	20
cis-1,3-Dichloropropene	0.511	0.539		5.48	20
1,1,2-Trichloroethane	0.229	0.247		7.86	20
2-Hexanone	0.140	0.167		19.29	20
Dibromochloromethane	0.293	0.307		4.78	20
1,2-Dibromoethane	0.210	0.223		6.19	20
Tetrachloroethene	0.426	0.425		-0.23	20
Chlorobenzene	1.066	1.125	0.3	5.53	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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Fax : 908 789 8922

VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: MSVOA_Y Calibration Date/Time: 05/30/2025 11:20

Lab File ID: VY022472.D Init. Calib. Date(s): 05/27/2025 05/27/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 08:50 10:44

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	1.980	2.116		6.87	20
m/p-Xylenes	0.751	0.791		5.33	20
o-Xylene	0.705	0.739		4.82	20
Styrene	1.175	1.247		6.13	20
Bromoform	0.189	0.200	0.1	5.82	20
Isopropylbenzene	3.935	4.187		6.4	20
1,1,2,2-Tetrachloroethane	0.620	0.676	0.3	9.03	20
1,3-Dichlorobenzene	1.704	1.793		5.22	20
1,4-Dichlorobenzene	1.629	1.722		5.71	20
1,2-Dichlorobenzene	1.423	1.512		6.25	20
1,2-Dibromo-3-Chloropropane	0.096	0.102		6.25	20
1,2,4-Trichlorobenzene	0.789	0.847		7.35	20
1,2,3-Trichlorobenzene	0.647	0.694		7.26	20
1,2-Dichloroethane-d4	0.527	0.572		8.54	20
Dibromofluoromethane	0.293	0.309		5.46	20
Toluene-d8	1.194	1.265		5.95	20
4-Bromofluorobenzene	0.361	0.365		1.11	20

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: MSVOA_Y Calibration Date/Time: 06/02/2025 12:54

Lab File ID: VY022494.D Init. Calib. Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 13:39

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Dichlorodifluoromethane	0.448	0.413		-7.81	
Chloromethane	1.322	1.230		-6.96	
Vinyl Chloride	1.534	1.497		-2.41	
Bromomethane	1.470	1.240		-15.65	
Chloroethane	1.053	0.965		-8.36	
Trichlorofluoromethane	1.302	1.224		-5.99	
1,1,2-Trichlorotrifluoroethane	0.549	0.538		-2	
1,1-Dichloroethene	0.524	0.518		-1.14	
Acetone	0.114	0.116		1.75	
Carbon Disulfide	1.679	1.664		-0.89	
Methyl tert-butyl Ether	1.477	1.470		-0.47	
Methyl Acetate	0.336	0.333		-0.89	
Methylene Chloride	0.645	0.574		-11.01	
trans-1,2-Dichloroethene	0.587	0.571		-2.73	
1,1-Dichloroethane	1.079	1.060		-1.76	
Cyclohexane	1.075	1.015		-5.58	
2-Butanone	0.164	0.168		2.44	
Carbon Tetrachloride	0.497	0.508		2.21	
cis-1,2-Dichloroethene	0.678	0.682		0.59	
Bromochloromethane	0.471	0.454		-3.61	
Chloroform	1.069	1.058		-1.03	
1,1,1-Trichloroethane	0.949	0.948		-0.1	
Methylcyclohexane	0.651	0.657		0.92	
Benzene	1.431	1.441		0.7	
1,2-Dichloroethane	0.391	0.390		-0.26	
Trichloroethene	0.350	0.355		1.43	
1,2-Dichloropropane	0.338	0.344		1.77	
Bromodichloromethane	0.482	0.491		1.87	
4-Methyl-2-Pentanone	0.233	0.243		4.29	
Toluene	0.899	0.903		0.44	
t-1,3-Dichloropropene	0.452	0.461		1.99	
cis-1,3-Dichloropropene	0.526	0.537		2.09	
1,1,2-Trichloroethane	0.243	0.242		-0.41	
2-Hexanone	0.156	0.162		3.85	
Dibromochloromethane	0.308	0.314		1.95	
1,2-Dibromoethane	0.221	0.223		0.9	
Tetrachloroethene	0.430	0.437		1.63	
Chlorobenzene	1.106	1.116		0.9	

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.

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VOLATILE CONTINUING CALIBRATION CHECK

Lab Name: CHEMTECH Contract: SCAL01

Lab Code: CHEM Case No.: Q2161 SAS No.: Q2161 SDG No.: Q2161

Instrument ID: MSVOA_Y Calibration Date/Time: 06/02/2025 12:54

Lab File ID: VY022494.D Init. Calib. Date(s): 06/02/2025 06/02/2025

Heated Purge: (Y/N) Y Init. Calib. Time(s): 11:46 13:39

GC Column: RXI-624 ID: 0.25 (mm)

COMPOUND	RRF	RRF050	MIN RRF	%D	MAX%D
Ethyl Benzene	2.052	2.083		1.51	
m/p-Xylenes	0.778	0.785		0.9	
o-Xylene	0.729	0.734		0.69	
Styrene	1.206	1.233		2.24	
Bromoform	0.198	0.201		1.51	
Isopropylbenzene	4.105	4.136		0.75	
1,1,2,2-Tetrachloroethane	0.674	0.682		1.19	
1,3-Dichlorobenzene	1.755	1.733		-1.25	
1,4-Dichlorobenzene	1.702	1.701		-0.06	
1,2-Dichlorobenzene	1.490	1.512		1.48	
1,2-Dibromo-3-Chloropropane	0.098	0.105		7.14	
1,2,4-Trichlorobenzene	0.813	0.817		0.49	
1,2,3-Trichlorobenzene	0.697	0.699		0.29	
1,2-Dichloroethane-d4	0.559	0.591		5.72	
Dibromofluoromethane	0.298	0.321		7.72	
Toluene-d8	1.206	1.279		6.05	
4-Bromofluorobenzene	0.359	0.372		3.62	

All other compounds must meet a minimum RRF of 0.010.
RRF of 1,4-Dioxane = Value should be divide by 1000.