

## LAB CHRONICLE

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

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



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

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: |           |        |           |               |   |     |     |       |

- A
- B
- C
- D
- E
- F
- G



# SAMPLE DATA

## 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) |
|----------------|--------------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |            |                   |
| 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             |

## 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             |
| <b>SURROGATES</b>         |                             |       |           |          |            |                   |
| 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           |
| <b>INTERNAL STANDARDS</b> |                             |       |           |          |            |                   |
| 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    |          |            |                   |



## 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) |
|----------------|--------------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |            |                   |
| 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             |

## 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             |
| <b>SURROGATES</b>         |                             |       |           |          |            |                   |
| 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           |
| <b>INTERNAL STANDARDS</b> |                             |       |           |          |            |                   |
| 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    |          |            |                   |

## 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

## Surrogate Summary

SDG No.: **Q2161**

Client: **Scalamandre – Tully JV**

Analytical Method: **SW8260D**

| Lab Sample ID | Client ID       | Parameter             | Spike | Result | RecoveryQual | Limits |      |
|---------------|-----------------|-----------------------|-------|--------|--------------|--------|------|
|               |                 |                       |       |        |              | Low    | 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  |

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 | Low | Limits<br>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            |     |

**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 | Low | Limits | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|-----|--------|-----|
|               |                             |       |        |       |     |     |      |     | High   |     |
| 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    |     |

## 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 | 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  |

**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 | Low | Limits | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|-----|--------|-----|
|               |                             |       |        |       |     |     |      |     | High   |     |
| 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  |

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 | Low | Limits<br>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            |     |

**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 | Low | Limits | RPD |
|---------------|-----------------------------|-------|--------|-------|-----|-----|------|-----|--------|-----|
|               |                             |       |        |       |     |     |      |     | High   |     |
| 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    |     |

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<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>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: \_\_\_\_\_  
\_\_\_\_\_

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

COMMENTS: \_\_\_\_\_

\_\_\_\_\_

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<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDIC005         | VSTDIC005        | VY022421.D     | 05/27/2025       | 08:50            |
| VSTDIC010         | VSTDIC010        | VY022422.D     | 05/27/2025       | 09:14            |
| VSTDIC020         | VSTDIC020        | VY022423.D     | 05/27/2025       | 09:36            |
| VSTDIC050         | VSTDIC050        | VY022424.D     | 05/27/2025       | 09:59            |
| VSTDIC100         | VSTDIC100        | VY022425.D     | 05/27/2025       | 10:22            |
| VSTDIC150         | VSTDIC150        | VY022426.D     | 05/27/2025       | 10:44            |

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<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>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            |

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<br>SAMPLE NO. | LAB<br>SAMPLE ID | LAB<br>FILE ID | DATE<br>ANALYZED | TIME<br>ANALYZED |
|-------------------|------------------|----------------|------------------|------------------|
| VSTDIC005         | VSTDIC005        | VY022491.D     | 06/02/2025       | 11:46            |
| VSTDIC010         | VSTDIC010        | VY022492.D     | 06/02/2025       | 12:09            |
| VSTDIC020         | VSTDIC020        | VY022493.D     | 06/02/2025       | 12:32            |
| VSTDIC050         | VSTDIC050        | VY022494.D     | 06/02/2025       | 12:54            |
| VSTDIC100         | VSTDIC100        | VY022495.D     | 06/02/2025       | 13:17            |
| VSTDIC150         | VSTDIC150        | 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            |

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<br>AREA # | RT #  | IS2<br>AREA # | RT #  | IS3<br>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.

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<br>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.

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<br>AREA # | RT #  | IS2<br>AREA # | RT #  | IS3<br>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.

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<br>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

## 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) |
|----------------|--------------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |            |                   |
| 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             |

## 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             |
| <b>SURROGATES</b>         |                             |        |           |          |            |                   |
| 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           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |                   |
| 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    |          |            |                   |

## 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

## 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) |
|----------------|--------------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |            |                   |
| 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             |

## 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             |
| <b>SURROGATES</b>         |                             |        |           |          |            |                   |
| 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           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |                   |
| 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    |          |            |                   |

## 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

## 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) |
|----------------|--------------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |            |                   |
| 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             |

## 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             |
| <b>SURROGATES</b>         |                             |        |           |          |            |                   |
| 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           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |                   |
| 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    |          |            |                   |

## 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

## 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) |
|----------------|--------------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |            |                   |
| 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             |

## 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             |
| <b>SURROGATES</b>         |                             |        |           |          |            |                   |
| 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           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |                   |
| 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    |          |            |                   |

## 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

## 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) |
|----------------|--------------------------------|-------|-----------|------|------------|-------------------|
| <b>TARGETS</b> |                                |       |           |      |            |                   |
| 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             |

## 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             |
| <b>SURROGATES</b>         |                             |        |           |          |            |                   |
| 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           |
| <b>INTERNAL STANDARDS</b> |                             |        |           |          |            |                   |
| 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    |          |            |                   |

## 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

### VOLATILE ORGANICS INITIAL CALIBRATION DATA

|                     |                  |                      |                   |
|---------------------|------------------|----------------------|-------------------|
| Lab Name:           | <u>CHEMTECH</u>  | Contract:            | <u>SCAL01</u>     |
| Lab Code:           | <u>CHEM</u>      | Case No.:            | <u>Q2161</u>      |
| Instrument ID:      | <u>MSVOA_Y</u>   | SAS No.:             | <u>Q2161</u>      |
| Heated Purge: (Y/N) | <u>Y</u>         | SDG No.:             | <u>Q2161</u>      |
| GC Column:          | <u>RXI-624</u>   | Calibration Date(s): | <u>05/27/2025</u> |
| ID:                 | <u>0.25 (mm)</u> | Calibration Time(s): | <u>05/27/2025</u> |
|                     |                  |                      | <u>08:50</u>      |
|                     |                  |                      | <u>10:44</u>      |

| 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              | 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.

### VOLATILE ORGANICS INITIAL CALIBRATION DATA

|                     |                  |                      |                   |
|---------------------|------------------|----------------------|-------------------|
| Lab Name:           | <u>CHEMTECH</u>  | Contract:            | <u>SCAL01</u>     |
| Lab Code:           | <u>CHEM</u>      | Case No.:            | <u>Q2161</u>      |
| Instrument ID:      | <u>MSVOA_Y</u>   | SAS No.:             | <u>Q2161</u>      |
| Heated Purge: (Y/N) | <u>Y</u>         | SDG No.:             | <u>Q2161</u>      |
| GC Column:          | <u>RXI-624</u>   | Calibration Date(s): | <u>05/27/2025</u> |
| ID:                 | <u>0.25 (mm)</u> | Calibration Time(s): | <u>08:50</u>      |
|                     |                  |                      | <u>10:44</u>      |

|                             |        |                     |        |                     |        |                     |       |       |
|-----------------------------|--------|---------------------|--------|---------------------|--------|---------------------|-------|-------|
| 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              | 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.

### VOLATILE ORGANICS INITIAL CALIBRATION DATA

|                     |                  |                      |                   |
|---------------------|------------------|----------------------|-------------------|
| Lab Name:           | <u>CHEMTECH</u>  | Contract:            | <u>SCAL01</u>     |
| Lab Code:           | <u>CHEM</u>      | Case No.:            | <u>Q2161</u>      |
| Instrument ID:      | <u>MSVOA_Y</u>   | SAS No.:             | <u>Q2161</u>      |
| Heated Purge: (Y/N) | <u>Y</u>         | SDG No.:             | <u>Q2161</u>      |
| GC Column:          | <u>RXI-624</u>   | Calibration Date(s): | <u>06/02/2025</u> |
| ID:                 | <u>0.25 (mm)</u> | Calibration Time(s): | <u>11:46</u>      |
|                     |                  |                      | <u>13:39</u>      |

|                                |                     |        |        |                     |        |                     |       |       |  |
|--------------------------------|---------------------|--------|--------|---------------------|--------|---------------------|-------|-------|--|
| 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              | 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.

### VOLATILE ORGANICS INITIAL CALIBRATION DATA

|                     |                  |                      |                   |
|---------------------|------------------|----------------------|-------------------|
| Lab Name:           | <u>CHEMTECH</u>  | Contract:            | <u>SCAL01</u>     |
| Lab Code:           | <u>CHEM</u>      | Case No.:            | <u>Q2161</u>      |
| Instrument ID:      | <u>MSVOA_Y</u>   | SAS No.:             | <u>Q2161</u>      |
| Heated Purge: (Y/N) | <u>Y</u>         | SDG No.:             | <u>Q2161</u>      |
| GC Column:          | <u>RXI-624</u>   | Calibration Date(s): | <u>06/02/2025</u> |
| ID:                 | <u>0.25 (mm)</u> | Calibration Time(s): | <u>11:46</u>      |
|                     |                  |                      | <u>13:39</u>      |

| 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              | 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.

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<br>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.

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<br>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.