



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

## **CASE NARRATIVE**

**Scalamandre – Tully JV**

**Project Name: NYC DOT Harper Street Yard North**

**Project # N/A**

**Order ID # Q2161**

**Test Name: VOCMS Group1**

### **A. Number of Samples and Date of Receipt:**

2 Solid samples were received on 05/13/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: SVOCMS Group1 and VOCMS Group1. This data package contains results for VOCMS Group1.

### **C. Analytical Techniques:**

The analysis performed on instrument MSVOA\_Y were done using GC column Rxi-624SIL MS 30m, 0.25mm, 1.4 um, Cat. #13868. The analysis of VOCMS Group1 was based on method 8260D.

### **D. QA/ QC Samples:**

The Holding Times were not met for samples B27-SOIL-SAMPLE and B28-SOIL-SAMPLE, as samples activated out of hold.

The Surrogate recoveries met the acceptable criteria except for, B27-SOIL-SAMPLE [Dibromofluoromethane - 42%], as VIAL A analyzed but did not purge as a corrective action VIAL B analyzed but surrogate Fail, therefore VIAL B reported as final analysis While,

For B28-SOIL-SAMPLE [1,2-Dichloroethane-d4 - 54%, Dibromofluoromethane - 42%], VIAL A analyzed but Surrogate Fail as a corrective action VIAL B analyzed but did not purge therefore VIAL A reported as final analysis.

The Internal Standards Areas met the acceptable requirements except for, B27-SOIL-SAMPLE VIAL A analyzed but did not purge as a corrective action VIAL B analyzed but Internal standard Fail, therefore VIAL B reported as final analysis While,

For B28-SOIL-SAMPLE VIAL A analyzed but Internal standard Fail, as a corrective action VIAL B analyzed but did not purge therefore VIAL A reported as final analysis.

The Retention Times were acceptable for all samples.



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The RPD for { VY0530SBS01 } with File ID: VY022475.D met criteria except for Chloromethane[26%], Due to difference in results of BS- BSD.

The Blank Spike for { VY0530SBS01 } with File ID: VY022474.D met requirements for all samples except for Bromomethane[144%], Chloroethane[136%], failing high but no positive hit in associated samples therefore no corrective action taken.

The Blank Spike Duplicate for { VY0530SBS01 } with File ID: VY022475.D met requirements for all samples except for Chloroethane[131%], failing high but no positive hit in associated samples therefore no corrective action taken.

The Blank analysis did not indicate the presence of lab contamination.  
The Initial Calibration met the requirements.

The Continuous Calibration File ID VY022472.D met the requirements except for Acetone, 2-Butanone failing high but no positive hit in associated samples therefore no corrective action taken.

The Tuning criteria met requirements.

**E. Additional Comments:**

Samples for MS/MSD for VOC analysis were not provided with this set of samples. The Blank Spike Duplicate is reported with the data.

Trip Blank was not provided with this set of samples.

The soil samples results are based on a dry weight basis.

Please use %D calculated based on Avg RF and CCRF for all compounds using Average Response Factor when the %RSD value for a compound is <20% for the Initial Calibration curve and use %D calculated based on Amount added and Calculated amount for all compounds using Linear Regression when the %RSD value for a compound is > 20% for the Initial Calibration curve for SW-846 analysis.

**F. Manual Integration Comments:**

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

Signature\_\_\_\_\_