



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: SVOCMS 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 SVOCMS Group1.

C. Analytical Techniques:

The samples were analyzed on instrument BNA_F using GC Column DB-UI 8270D which is 20 meters, 0.18 mm ID, 0.36 um df. The samples were analyzed on instrument BNA_P using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GG. The analysis of SVOCMS Group1 was based on method 8270E and extraction was done based on method 3541.

D. QA/ QC Samples:

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

The Surrogate recoveries met the acceptable criteria except for B28-SOIL-SAMPLE [2,4,6-Tribromophenol - 7% and 2-Fluorophenol - 17%], are marginally biased low due to matrix interference, Therefore no corrective action was taken.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike for {PB168234BS} with File ID: BF142726.D met requirements for all samples except for 3,3-Dichlorobenzidine[38%], was marginally biased low Therefore no corrective action was taken.

The Blank analysis did not indicate the presence of lab contamination.



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

The Initial Calibration (8270-BP060625.M) for 2,4-Dinitrophenol, 4-Nitrophenol these compound are passing on Linear Regression.

The Continuous Calibration met the requirements .

The Tuning criteria met requirements.

Sample B27-SOIL-SAMPLE was directly diluted with 2X due to bad matrix of the sample and presence of nontargeted hydrocarbons .

E. Additional Comments:

The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

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.

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_____