



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

## **CASE NARRATIVE**

### **G Environmental**

**Project Name: Mt. Holly**

**Project # N/A**

**Order ID # Q2114**

**Test Name: SVOCMS Group1**

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

2 Water samples were received on 05/22/2025.

#### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: SVOC-TCL BNA -20, SVOCMS Group1, VOC-TCLVOA-10 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 analysis of SVOCMS Group1 was based on method 8270E and extraction was done based on method 3510.

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

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The RPD met criteria .

The Blank Spike for {PB168143BS} with File ID: BF142556.D met requirements for all samples except for 3,3-Dichlorobenzidine[32%], this compound did not meet the NJDKQP criteria and in-house criteria but it is slightly biased low therefore no Corrective action was taken and 3-Nitroaniline[40%] and 4-Chloroaniline[17%], these compounds did not meet the NJDKQP criteria but met the in-house criteria.

The Blank Spike Duplicate for {PB168143BSD} with File ID: BF142557.D met requirements for all samples except for 3,3-Dichlorobenzidine[33%], this compound did not meet the NJDKQP criteria and in-house criteria but it is slightly biased low therefore no Corrective action was taken and 3-Nitroaniline[38%] and 4-Chloroaniline[18%], these compounds did not meet the NJDKQP criteria but met the in-house criteria.

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

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

The Tuning criteria met requirements.



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**E. Additional Comments:**

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

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\_\_\_\_\_