



284 Sheffield Street, Mountainside, NJ 07092  
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## **CASE NARRATIVE**

### **G Environmental**

**Project Name: DPW**

**Project # N/A**

**Order ID # Q2134**

**Test Name: VOCMS Group2**

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

1 Water sample was received on 05/28/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: Metals Group3, SVOCMS Group2 and VOCMS Group2. This data package contains results for VOCMS Group2.

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

The analysis performed on instrument MSVOA\_X were done using GC column DB-624UI 20m 0.18mm 1.0 um. Cat#121-1324UI. The analysis of VOCMS Group2 was based on method 8260D.

### **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 {VX0529WBS01} with File ID: VX046393.D met requirements for all samples except for Methyl Acetate[131%] this compound did not meet the NJDKQP criteria and in-house criteria, is failing high but no positive hit in associate sample therefore no corrective action taken.

The Blank Spike Duplicate for {VX0529WBSD01} with File ID: VX046394.D met requirements for all samples except for Methyl Acetate[136%] this compound did not meet the NJDKQP criteria and in-house criteria, is failing high but no positive hit in associate sample 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 VX046390.D met the requirements except for Carbon Disulfide is failing marginally low therefore no corrective action taken and



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Methyl Acetate is failing high but no positive hit in associate sample 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.

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\_\_\_\_\_