



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

## **CASE NARRATIVE**

**CDM Smith**

**Project Name: Con Ed UTEN Mount Vernon, NY**

**Project # N/A**

**Order ID # Q2230**

**Test Name: VOCMS Group3**

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

6 Water samples were received on 06/04/2025.

### **B. Parameters**

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

### **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 Group3 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 MS {Q2230-03MS} with File ID: VX046641.D recoveries met the requirements for all compounds except for 1,2,4-Trimethylbenzene[148%], Isopropylbenzene[123%], N-propylbenzene[122%], tert-Butylbenzene[124%], Toluene[121%], m/p-Xylenes[134%] and o-Xylene[149%] due to matrix interference.

The MSD {Q2230-04MSD} with File ID: VX046642.D recoveries met the acceptable requirements except for 1,2,4-Trimethylbenzene[168%] and o-Xylenes [151%] due to matrix interference.

The RPD met criteria.

The Blank Spike met requirements for all samples.

The Blank Spike Duplicate met requirements for all samples.

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:**

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\_\_\_\_\_