



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

## **CASE NARRATIVE**

**PARSONS Main of New York, Inc.**

**Project Name: Con Edison Non-MGP - Atlantic Avenue**

**Project # N/A**

**Chemtech Project # P5270**

**Test Name: VOCMS Group1**

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

10 Water samples were received on 12/13/2024.

### **B. Parameters**

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

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

The analysis performed on instrument MSVOA\_N 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 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 {VN1213WBS01} with File ID: VN085192.D met requirements for all samples except for Dichlorodifluoromethane[128%], failing high but no positive hit in associated samples therefore no corrective action taken,

The Blank Spike Duplicate for {VN1213WBSD01} with File ID: VN085193.D met requirements for all samples except for 1,2-Dibromoethane[112%], Bromoform[112%], Bromomethane[137%], Dibromochloromethane[113%] and Dichlorodifluoromethane[137%], failing high but no positive hit in associated samples therefore no corrective action taken,

The Blank Spike for {VN1217WBS02} with File ID: VN085222.D met requirements for all samples except for Bromomethane[126%], Dichlorodifluoromethane[137%], 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.



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The %RSD is greater than 20% in the Initial Calibration method (82N112224W.M) for Methyl Acetate compound is passing on Linear Regression.

The Continuous Calibration File ID VN085189.D met the requirements except for Carbon Tetrachloride, Tetrachloroethene failing marginally high while, Bromomethane, Dichlorodifluoromethane, Methylcyclohexane, Styrene, and Vinyl Chloride failing high and associated sample required dilution and dilution sample analyzed under passing CCAL therefore no corrective action taken.

The Continuous Calibration File ID VN085218.D met the requirements except for 2-Hexanone,4-Methyl-2-Pentanone,Bromoform,Bromomethane,Dibromochloromethane,Dichlorodifluoromethane and Styrene failing high but no positive hit in associated samples therefore no corrective action taken.

The Tuning criteria met requirements.

Sample MW12-20241212 was diluted due to high concentration.

**E. Additional Comments:**

sample#MW14-20241212 Initially analyzed but having carry over from above sample as a corrective action sample reanalyzed but required further dilution but now no more vials for reanalysis Therefore sample reported with E flag.

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

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\_\_\_\_\_