



284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

## **CASE NARRATIVE**

### **G Environmental**

**Project Name: Communipaw**

**Project # N/A**

**Order ID # Q3494**

**Test Name: VOCMS Group1,SVOCMS Group2,SVOC-SIMGroup1**

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

2 Water samples were received on 10/30/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested: VOCMS Group1,SVOCMS Group2,SVOC-SIMGroup1. This data package contains results for VOCMS Group1(8260-Low),SVOCMS Group2(8270E),SVOC-SIMGroup1(8270-Modified).

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

VOCMS Group1 : 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 Group1 was based on method 8260-Low.

SVOC-SIMGroup1 : The samples were analyzed on instrument BNA\_N using GC Column ZB-SemiVolatiles Guardian which is 30 meters, 0.25 mm ID, 0.5 um df, Catalog # 7HG-G027-17-GGA. The analysis of SVOC-SIMGroup1 was based on method 8270-Modified and extraction was done based on method 3510.

SVOCMS Group2 : 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-GGA. The analysis of SVOCMS Group2 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 were met for all analysis.

The Internal Standards Areas met the acceptable requirements.

The Retention Times were acceptable for all samples.

The RPD were met for all analysis except following

SVOC-SIMGroup1 : The RPD for {PB170381BSD} with File ID: BN038133.D met criteria except for Benzo(a)anthracene[22%], Benzo(a)pyrene[26%],

Benzo(b)fluoranthene[24%] and Benzo(g,h,i)perylene[34%]. RPD failed due to result difference between BS and BSD, Therefore no further corrective action was taken.



284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

The Blank Spike met requirements for all compounds except following SVOCMS Group2 : The Blank Spike for {PB170346BS} with File ID: BP026057.D met requirements for all compounds except for 3,3-Dichlorobenzidine[66%], 3-Nitroaniline[67%] and 4-Chloroaniline[52%]. this compound did not meet the NJDKQP criteria but met the in-house criteria.

The Blank Spike Duplicate met requirements for all compounds except following SVOCMS Group2 : The Blank Spike Duplicate for {PB170346BSD} with File ID: BP026058.D met requirements for all compounds except for 3-Nitroaniline[67%], 4-Chloroaniline[50%]. this compound 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 except following SVOCMS Group2 : The %RSD is greater than 20% in the Initial Calibration (Method 8270-BP102925.M) for 26) 2-Nitroaniline, 2,6-Dinitrotoluene, 3-Nitroaniline, 2,4-Dinitrotoluene, Butylbenzylphthalate, Bis(2-ethylhexyl)phthalate, These Compounds are passing on Linear regression.

The Continuous Calibration met the requirements except following VOCMS Group1 : The Continuous Calibration File ID VX048445.D met the requirements except for Dibromofluoromethane, which is not our target compound, therefore no corrective action taken.

The Tuning criteria met requirements.

#### **E. Additional Comments:**

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

VOCMS Group1 : 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.

#### **F. Manual Integration Comments:**

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.



284 Sheffield Street, Mountainside, NJ 7092, Phone: 908 789 8900, Fax: 908 789 8922

---

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\_\_\_\_\_