



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

## **CASE NARRATIVE**

### **G Environmental**

**Project Name: Nelson**

**Project # N/A**

**Order ID # Q2664**

**Test Name: SVOCMS Group2**

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

1 Water sample was received on 07/21/2025.

### **B. Parameters**

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

### **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 samples were analyzed on instrument BNA\_M 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 were met for all analysis.

The Retention Times were met for all analysis.

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

The Blank Spike for {PB168971BS} with File ID: BF143271.D met requirements for all samples except for Butylbenzylphthalate[113%] . Recovery failed high side and no hit for this compound in associated samples , There for no further corrective action was taken.

The Blank Spike Duplicate for {PB168971BSD} with File ID: BF143272.D met requirements for all samples except for Butylbenzylphthalate[112%] . Recovery failed high side and no hit for this compound in associated samples , There for no further corrective action was taken.

The % RSD is greater than 20% in the Initial Calibration (8270-BM070925.M) for 2,4-Dinitrophenol, 2,4-Dinitrotoluene, 4-Nitroaniline, 4,6-Dinitro-2-methylphenol these compounds are passing on Linear Regression.



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The Continuous Calibration File ID BM050488.D met the requirements except for Butylbenzylphthalate, Caprolactam and Di-n-octyl phthalate. Compounds failed high side and associated samples does not have hit for these compounds, therefor no further corrective action was taken.

The Tuning criteria met requirements.

**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\_\_\_\_\_