

## **CASE NARRATIVE**

### **G Environmental**

**Project Name: Blanchard**

**Project # N/A**

**Order ID # Q3083**

**Test Name: SVOCMS Group2,SVOC-SIM**

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

3 Water samples were received on 09/11/2025.

### **B. Parameters**

According to the Chain of Custody document, the following analyses were requested:

. This data package contains results for SVOCMS Group2(8270E), SVOC-SIM(8270-Modified).

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

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.

SVOC-SIM : 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-SIM was based on method 8270-Modified 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 except following  
SVOC-SIM : MW3SDL [Terphenyl-d14 - 162%], this compound did not meet the NJDKQP criteria but met the in-house criteria, and MW3S [Terphenyl-d14 - 199%], this compound did not meet the NJDKQP criteria and in-house criteria, as per method one acid and one base surrogate allow to fail therefore no corrective action taken,

The Internal Standards Areas were met for all analysis.

The Retention Times were met for all analysis.

The RPD were met for all analysis.

The Blank Spike met requirements for all compounds except following



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SVOCMS Group2 : The Blank Spike for {PB169719BS} with File ID: BP025774.D met requirements for all compounds except for 3,3-Dichlorobenzidine[56%], 3-Nitroaniline[57%] and 4-Chloroaniline[41%]. 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 {PB169719BSD} with File ID: BP025775.D met requirements for all compounds except for 3,3-Dichlorobenzidine[55%], 3-Nitroaniline[55%] and 4-Chloroaniline[40%]. 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.

The Continuous Calibration met the requirements.

The Tuning criteria met requirements.

SVOC-SIM : Sample MW3S was diluted due to high concentration.

**E. Additional Comments:**

SVOCMS Group2 : SVOC-SIM : The Form 6 is not included in the data package because the Initial Calibration was performed using 7 points.

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