

# **ALLIANCE** 284 Sheffield Street, Mountainside New Jersey 07092

NEW JERSEY LAB ID#: 20012; NEW YORK LAB ID#: 11376

## **GC/MS SEMI-VOLATILE ANALYSIS CONFORMANCE/NON-CONFORMANCE SUMMARY**

ORDER ID: Q3235

MATRIX: Water

METHOD: 8270-Modified/3510

	NA	NO	YES
1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)			✓
2. GC/MS Tuning Specifications. DFTPP Meet Criteria. (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)			✓
3. GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 Series.			✓
4. GC/MS Calibration - Initial Calibration performed within 30 days before sample analysis and continuing calibration performed within 24 hours of sample analysis for 600 series and 12 hours for 8000 series.			✓
5. GC/MS Calibration Requirements.		✓	
The Initial Calibration met the requirements.			
The Continuous Calibration File ID BN038041.D met the requirements except for 2,4,6-Tribromophenol. Failed surrogate is not associated with DOD , Therefor no further corrective action was taken.			
6. Blank Contamination - If yes, list compounds and concentrations in each blank:		✓	
7. Surrogate Recoveries Meet Criteria		✓	

If not met, list those compounds and their recoveries which fall outside the acceptable  
ranges.

The Surrogate recoveries were met for all analysis except for,  
PB169939BS [2-Fluorobiphenyl - 112%],  
PB169939BSD [Terphenyl-d14 - 133%],  
RW5-SP100-20250926 [Terphenyl-d14 - 154%],  
RW5-SP100-20250926DL [Terphenyl-d14 - 155%],  
RW5-SP201-20250926 [2-Fluorobiphenyl - 108%] and  
RW5-SP303-20250926 [Terphenyl-d14 - 154%]. Failed surrogate is not associated  
with DOD, Therefor no further corrective action was taken.

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**(CONTINUED)**

		NA	NO	YES
8.	Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria			✓
	If not met, list those compounds and their recoveries which fall outside the acceptable range.			
	The Blank Spike met requirements for all compounds.			
	The Blank Spike Duplicate met requirements for all compounds.			
9.	Internal Standard Area/Retention Time Shift Meet Criteria			✓
	Comments:			
10.	Extraction Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			
11.	Analysis Holding Time Met			✓
	If not met, list number of days exceeded for each sample:			

**ADDITIONAL COMMENTS:**

Sample RW5-SP100-20250926 was diluted due to high concentration.

The laboratory certifies that the all-electronic diskette deliverable exactly match the data summary forms (i.e. Form Is)."

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

The not QT review data is reported in the Miscellaneous.

Samples RW5-SP201-20250926, RW5-SP303-20250926 have the concentration of target compound below method detection limits; therefore it is not reported as Hit in Form1.

The temperature of the samples at the time of receipt was 16.3°C.

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QA REVIEW

\_\_\_\_\_  
Date