

# **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: Q3526

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 met the requirements.			✓
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 PB170381BL [2,4,6- Tribromophenol - 29%], RW7-SP201-20251030 [Terphenyl-d14 - 140%], RW7- SP302-20251030 [Terphenyl-d14 - 148%] and RW7-SP303-20251030 [Terphenyl-d14 - 163%]. The failure surrogates not associated with the client parameters list, therefore no corrective action was taken.			✓
8. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria The RPD for met criteria except for except for PB170381BSD for 1,4-Dioxane. %RPD was affected due to marginal difference in recoveries.  If not met, list those compounds and their recoveries which fall outside the acceptable range.  The Blank Spike Duplicate for {PB170381BSD} with File ID: BN038133.D met requirements for all compounds except for 1,4-Dioxane[65%]. Failed marginally biased low, however, it is meeting QC criteria in the continues calibration..			✓
9. Internal Standard Area/Retention Time Shift Meet Criteria  Comments:			✓

**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**

**(CONTINUED)**

		NA	NO	YES
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:

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.

\_\_\_\_\_  
QA REVIEW

\_\_\_\_\_  
Date