

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: Q3015

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 %RSD is greater than 20% in the Method 8270-SIM-BN092325.M for 4,6-Dinitro- 2-methylphenol and this compound is passing on Quadratic.			
The Continuous Calibration criateria 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 WP0925-PT-ACIDS-WP [2,4,6-Tribromophenol - 213%, 2-Fluorophenol - 124%, Phenol-d6 - 131%,], WP0925- PT-ACIDS-WPDL [2-Fluorophenol - 111% and Phenol-d6 - 113%],These samples were extracted for full scan analysis and above mention surrogates were not part of full scan extraction therefore no corrective action is required.			
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.The RPD for {PB169712BSD} with File ID: BN037888.D met criteria except for Pentachlorophenol[36%] , due to difference in results of BS and BSD.			
9. Internal Standard Area/Retention Time Shift Meet Criteria			✓
Comments:			

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(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:			
	The Holding Times were met for all analysis.			

ADDITIONAL COMMENTS:

Sample WP0925-PT-ACIDS-WP was diluted due to high concentration.

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

QA REVIEW

Date