

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

CHEMTECH PROJECT NUMBER: Q1423

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 BN036508.D met the requirements except for 2,4,6-Tribromophenol , The above failure compound not associated with the client parameters list, therefore no 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 met the acceptable criteria except for PB166876BS [2- Fluorobiphenyl - 123%], PB166876BSD [2-Fluorobiphenyl - 127%], VPB192-HYD- 20250221 [Terphenyl-d14 - 147%], BP-VPB-192-EB-20250221 [2-Fluorobiphenyl - 124% and Terphenyl-d14 - 158%], The above failure surrogates not associated with the client parameters list, therefore no corrective action was taken and VPB192-HYD- 20250221 [2-Methylnaphthalene-d10 - 22%,], Due to the limited volume of this sample not be re-analyzed therefore no corrective action was taken.		✓	
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 samples . The Blank Spike Duplicate met requirements for all samples .			✓

**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
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:**

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.

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 <15% 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 > 15% for the Initial Calibration curve for SW-846 analysis.

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QA REVIEW

\_\_\_\_\_  
Date