

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

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

CHEMTECH PROJECT NUMBER: bf061225

SequenceID : bf061225

	NA	NO	YES
1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)	<u>✓</u>	<u> </u>	<u> </u>
2. GC/MS Tuning Specifications. DFTPP Meet Criteria Criteria (NOTE THAT THERE ARE DIFFERENT CRITERIA FOR NY ASP CLP, CLP AND NJ)	<u>✓</u>	<u> </u>	<u> </u>
3. GC/MS Tuning Frequency - Performed every 24 hours for 600 series and 12 hours for 8000 series	<u>✓</u>	<u> </u>	<u> </u>
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	<u>✓</u>	<u> </u>	<u> </u>
5. GC/MS Calibration Met:	<u>✓</u>	<u> </u>	<u> </u>
a. Initial calibration Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range.	<u>✓</u>	<u> </u>	<u> </u>
b. Continuous Calibration(CCC) Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. 2,4-Dinitrophenol is marginally biased low in the CCC.	<u>✓</u>	<u> </u>	<u> </u>
6. Blank Contamination - If yes, list compounds and concentrations in each blank:	<u>✓</u>	<u> </u>	<u> </u>
a. B/N Fraction			
d. Acid Fraction			

7. Surrogate Recoveries Meet Criteria	<u>✓</u>	<u> </u>	<u> </u>
If not met, list those compounds and their recoveries which fall outside the acceptable ranges.			
a. B/N Fraction			
d. Acid Fraction			
8. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria	<u>✓</u>	<u> </u>	<u> </u>
If not met, list those compounds and their recoveries which fall outside the acceptable range.			
a. B/N Fraction			
d. Acid Fraction	<u>RPD failed for some compound in Q2296-09MSD due to matrix interference. No corrective action is required.</u>		
9. Internal Standard Area/Retention Time Shift Meet Criteria	<u>✓</u>	<u> </u>	<u> </u>
Comments:			
10. Extraction Holding Time Met	<u>✓</u>	<u> </u>	<u> </u>
If not met, list number of days exceeded for each sample:			
11. Analysis Holding Time Met	<u>✓</u>	<u> </u>	<u> </u>
If not met, list number of days exceeded for each sample:			

ADDITIONAL COMMENTS:

Recovery is marginally biased high for some compounds in PB168259BS and PB168412BS. This data will be used for hardcopies.
The sample Q2278-01 was analyzed with 10X dilution due to viscous matrix which would have been difficult to inject otherwise.
The sample Q2286-01 had to be analyzed with 10X dilution due to foamy and oily matrix. The samples Q2223-01, Q2223-03, Q2224-01, Q2225-01, Q2206-01, Q2195-01, and Q2283-01 had to be analyzed with 5x dilution due to viscous matrix.

Rahul
Analyst

06/12/2025
Date

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