

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

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

CHEMTECH PROJECT NUMBER: be110424

SequenceID : be110424

	NA	NO	YES
1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks)	_____	_____	_____✓_____
2. GC/MS Tuning Specifications. DFTPP Meet Criteria 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 Met:	_____	_____	_____✓_____
a. Initial calibration Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range.	_____	_____	_____✓_____
b. Continuous Calibration(CCC) Meet Criteria If not met, list those compounds and their recoveries which fall outside the acceptable range. CCC is marginally biased high for compound #77.	_____	_____✓_____	_____
6. Blank Contamination - If yes, list compounds and concentrations in each blank:	_____	_____✓_____	_____
a. B/N Fraction			
d. Acid Fraction			

7. Surrogate Recoveries Meet Criteria	_____	_____	✓
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	_____	✓	_____
If not met, list those compounds and their recoveries which fall outside the acceptable range.			
a. B/N Fraction	<u>Recovery failed for some compounds in P4675-04, P4675-04MS/MSD due to matrix interference hence no corrective action is required.</u>		
d. Acid Fraction			
9. Internal Standard Area/Retention Time Shift Meet Criteria	_____	✓	_____
Comments:			
Internal standards failed in P4680-01, P4675-02,04,05,06, P4667-05. The same internal standard failed in P4675-04 and its associated MS/MSD proving matrix interference hence this analysis will be final.			
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:

Recovery of some compounds are biased high in PB164593BS but their Hit is not present in any associated samples. The data will be used for hard copies. The samples P4667-01 and P4679-01 had to be analyzed with 5X dilution each due to dirty and viscous matrix, hence no corrective action required.

 krunal
 Analyst

 11/05/2024
 Date

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