

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

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

CHEMTECH PROJECT NUMBER: BF102725

SequenceID : BF102725

	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.	_____	_____✓_____	_____
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 of compound 1,4-Dioxane & n-Nitrosodimethylamine in Q3395-03MS / MSD were affected due to matrix interference. No corrective action is needed.</u>		
d. Acid Fraction	<u>Two phenolic surrogates recoveries failed in the sample Q3385-04 & its associated MS/ MSD, confirming the matrix interference. No corrective action is needed.</u>		
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:

Benzidine being poor recovery compound, its Recovery was marginally biased low & Hexachlorocyclopentadiene was marginally biased high in PB170210BS and not present in the sample. Hence, the data will be used for the hard copies. The samples Q3447-03, Q3447-05, Q3449-01, Q3440-01, Q3447-01, Q3447-07 with viscous matrix were analyzed with their respective dilution as they were difficult to inject otherwise.

1,4-Dioxane being poor recovery compound, it was marginally biased low, considering DOD criteria in PB170206BS.

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