

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

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

CHEMTECH PROJECT NUMBER: bf123024

SequenceID :	<u>bf123024</u>	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. Compounds #54,56,65 and #77 are biased high in CCC (BF141031.D) if any samples are found with Hit of this compound they will be analyzed again with proper passing CCC.		_____	_____✓_____	_____
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>The Recovery and RPD Fail for Some Compounds in P5391-01MS/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 Standard Failed in the samples P5386-01,03 due to the presence of nontargeted hydrocarbons which can be observed by the abnormal chromatogram. Hence, no corrective action is required. Even in the diluted sample P5318-01 internal standard failed due to concentrated matrix and the presence of nontargeted hydrocarbons which can be observed by the abnormal chromatogram. Hence, no corrective action required.			
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:

One surrogate Nitrobenzene-d5 was marginally biased high in both PB165872BS and PB165900BL. One surrogate 2,4,6-Tribromophenol was marginally biased high in PB165872BS. The data will be used for the hard copies. Recovery for some compounds were biased high in PB165875\BSD, PB165894BS and PB165872BS. This data will be used for hardcopies. The samples P5390-01 and P5318-01 had to be analyzed with 2X dilution each due to viscous matrix.

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