

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

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

CHEMTECH PROJECT NUMBER: bf121724

SequenceID :	<u>bf121724</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.  Compound#77 is biased low in CCC but not present in the parameters list of any associated samples.		_____	_____✓_____	_____
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 and RPD failed for some compound in P5239-04MS/MSD and P5301-03MS/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 P5301-03MS/MSD. Internal standard failed in P5301-01 due to the presence of nontargeted hydrocarbons which can be observed by the abnormal chromatogram. Hence, no corrective action required.			
Internal standard failed in the sample P5268-01 but will be reanalyzed with the proper dilution.			
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 is marginally biased high for some compound in PB165543BS and PB165623BSD. The data will be used for hardcopies.

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