

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

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

CHEMTECH PROJECT NUMBER: BP052225

SequenceID : BP052225

	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 #16 is marginally biased low and compound #41 is biased high in the CCC (BP024770.D) but they are not present in the parameters of the samples analyzed.	_____	_____✓	_____
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.	_____	_____	<u>✓</u>
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.	_____	<u>✓</u>	_____
a. B/N Fraction <u>Recovery fail for some compound in Q2084-05MS/MSD due to matrix interference.</u>			
d. Acid Fraction			
9. Internal Standard Area/Retention Time Shift Meet Criteria Comments:	_____	_____	<u>✓</u>
10. Extraction Holding Time Met If not met, list number of days exceeded for each sample:	_____	_____	<u>✓</u>
11. Analysis Holding Time Met If not met, list number of days exceeded for each sample:	_____	<u>✓</u>	_____

ADDITIONAL COMMENTS:

Tailing factor for Benzidine in the tune, BP024769.D was marginally biased high by the factor of 0.68. The tune was used with the consent of the lab manager for loading the sequence further with TCLP samples that do not require Benzidine.



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