



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

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

CHEMTECH PROJECT NUMBER: BF050323

SequenceID : BF050323

	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>The recovery of some compounds, including compound #54 and #65, were affected by matrix interference in O2583-04MS/MSD and no corrective action is required.</u>		
d. Acid Fraction	<u>The recovery of some compounds, including compound #54, were affected by matrix interference in O2588-09MS/MSD and no</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:

In PB152525BS and PB152548BS, the recovery of compound #77 is biased high, which is not present in any of their associated samples and therefore the data will be used for hardcopies.

The sample O2584-01 was analyzed with 2x dilution due to its dirty and concentrated matrix.

The samples O2582-01 and O2585-01 were analyzed with 5x dilution due to their dirty, concentrated and viscous matrix, which sticks to the sides of the vial and would not be injectable otherwise.



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	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 #41 is marginally biased low in the SSTDCCC(BF133309.D)	_____	_____✓_____	_____
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 of some compounds failed in O2665-08MS/MSD due to matrix interference and no corrective action is required.</u>		
d. Acid Fraction			
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:

In PB152628BS, the recovery of compound #77 is biased high, which is not required by any of the associated samples.
 In PB152670BS, the recovery of compound #77 is biased high, which is not present in any of the associated samples.
 The samples O2505-05 and O2505-04 were analyzed with their respective dilutions due to their dirty, concentrated and viscous matrix, which consist of non-target hydrocarbons as made evident by their abnormal chromatograms. Furthermore, it is due to the tough nature of the matrix that the recovery of one internal standard (Chrysene-d12) failed in the sample O2505-05. These results are final.



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