

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

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

CHEMTECH PROJECT NUMBER: bf112124

SequenceID : bf112124

	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.	_____	_____✓	_____
The % RSD is greater than 20% in the Initial Calibration (8270-BF112124.M) for Benzoic acid, Hexachlorocyclopentadiene, 2,4-Dinitrophenol, this compound is passing on Linear Regression			
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 Recovery and RPD failed for some compound in P4916-09MS/MSD due to matrix interference. Hence, no corrective action is required.
- d. Acid Fraction
9. Internal Standard Area/Retention Time Shift Meet Criteria _____ ✓
 Comments:
- Internal standard failed in the sample P4887-06 which is not associated with the required compound. Internal standard failed in the sample P4924-01. In the sample of P4929-01, internal standard failed due to oily matrix and the presence of nontargeted hydrocarbons which can be observed by the abnormal chromatogram. And Even in the diluted sample P4936-01 internal standard failed due to concentrated matrix. 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:

The samples P4929-01 and P4936-01 had to be analyzed with 10x dilution each because of concentrated and viscous oily matrix respectively. This analysis is final.



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