

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

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

CHEMTECH PROJECT NUMBER: BF112024

SequenceID : BF112024

	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 #6 is marginally biased high in SSTDCCC(BF140501.D). Benzaldehyde is biased high for CCCs SSTDCCC(BF140488.D) and SSTDCCC(BF140501.D), if any samples are found with hit of this compound they will be	_____	_____✓_____	_____
6. Blank Contamination - If yes, list compounds and concentrations in each blank:	_____	_____✓_____	_____
a. B/N Fraction			
d. Acid Fraction			

<p>7. Surrogate Recoveries Meet Criteria</p> <p>If not met, list those compounds and their recoveries which fall outside the acceptable ranges.</p> <p style="margin-left: 20px;">a. B/N Fraction</p> <p style="margin-left: 20px;">d. Acid Fraction</p>	<p>_____</p>	<p>_____</p>	<p>✓</p>
<p>8. Matrix Spike/Matrix Spike Duplicate Recoveries Meet Criteria</p> <p>If not met, list those compounds and their recoveries which fall outside the acceptable range.</p> <p style="margin-left: 20px;">a. B/N Fraction <u>Recovery and RPD failed for some compound in P4892-02MS/MSD due to matrix interference. Benzaldehyde being a poor recovery compound, its recovery is biased low in P4892-02MS. No corrective action is required.</u></p> <p style="margin-left: 20px;">d. Acid Fraction</p>	<p>_____</p>	<p>✓</p>	<p>_____</p>
<p>9. Internal Standard Area/Retention Time Shift Meet Criteria</p> <p>Comments:</p> <p style="margin-left: 20px;">Internal standard failed in P4768-05, P4910-05, P4822-02,04, P4887-05, P4860-02,03,07, P4916-01,05. Internal standard failed in the sample P4768-05 due to oily matrix and the presence of nontargeted hydrocarbons which can be observed by the abnormal chromatogram. Hence no corrective action is required. Internal standard failed in the sample P4910-05 due to viscous matrix. Hence no corrective action required. In the diluted sample of P4822-10, internal standard failed due to the presence of nontargeted hydrocarbons which can be observed by the abnormal chromatogram. Hence, no corrective action required.</p>	<p>_____</p>	<p>✓</p>	<p>_____</p>
<p>10. Extraction Holding Time Met</p> <p>If not met, list number of days exceeded for each sample:</p>	<p>_____</p>	<p>_____</p>	<p>✓</p>
<p>11. Analysis Holding Time Met</p> <p>If not met, list number of days exceeded for each sample:</p>	<p>_____</p>	<p>_____</p>	<p>✓</p>

ADDITIONAL COMMENTS:

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