



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

**GC/MS AIR CONFORMANCE/NON-CONFORMANCE SUMMARY**

CHEMTECH PROJECT NUMBER: \_\_\_\_\_

SequenceID : \_\_\_\_\_

NA NO YES

1. Chromatograms Labeled/Compounds Identified. (Field samples and Method Blanks) \_\_\_\_\_

2. The instrument met GC/MS Tuning criteria \_\_\_\_\_

3. The samples were analyzed meeting tuning frequency criteria (within 24 hours from tuning) \_\_\_\_\_

4. GC/MS Initial calibration met criteria \_\_\_\_\_

Criteria: %RSD $\leq$ 30 (2 compounds may exceed, but must be  $\leq$ 40%), or R-Squared value $\geq$ 0.99 if linear regression)

Comments:

5. GC/MS calibration verification met criteria (%D  $\leq$ 30) \_\_\_\_\_

Comments:

6. Was method blank contaminated? If yes, list the analytes and concentrations. \_\_\_\_\_

7. Surrogate recoveries met criteria (70-130%) \_\_\_\_\_

Comments:

8. Lab control sample recoveries within control limits (70-130%) \_\_\_\_\_

Comments:

9a. MS/MSD recoveries within control limits (70-130%)

\_\_\_\_

Comments:

9b. Blank Spike/Blank spike Duplicate Recoveries Meet Criteria

If not met, list those compounds and their recoveries which fall outside the acceptable range.

\_\_\_\_

10. MS/MSD RPD within control limits (0-30%)

\_\_\_\_

Comments:

11. Internal standard area (+40%) within control limits

\_\_\_\_

Comments:

12. Samples were analyzed within holding time?

Method criterion:

Canisters: within 30 days from collection

\_\_\_\_

Tedlar bags: within 2 days from collection

\_\_\_\_

Comments:

Additional Comments :

Analyst Signature: \_\_\_\_\_

Date \_\_\_\_\_