ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 123106
Location: Dover PD
Calibration Date: 08/15/2011
Certification Date: 08/15/2011
Installation Date: 06/15/2012
RPC Date: 02/03/2014
Supervisor Name: RICHARD J WERNER

Diagnostic Results

```
VERSIONS
DMT: 1.01
PIC: 2.05
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube    = 48.1°C
Digital Sim    = 33.9°C

SETTINGS
Lamp Voltage   = 1.76 V
Cooler Voltage = 1.76 V
Bias Voltage   = 80 V
Chopper Freq   = 541 Hz

PUMP INFO
Flow Rate = 4.524 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.4402    0.4431
MIN(V)   0.4392    0.4419

FILTER INFO
Filter 1   0.442  Zero = true
Filter 2   0.899  Zero = true
Filter 3   0.978  Zero = true

CALIBRATION CHECK
Xq  = 0.083  0.53%
```

Routine Performance Check Passed

Accuracy and Precision Check

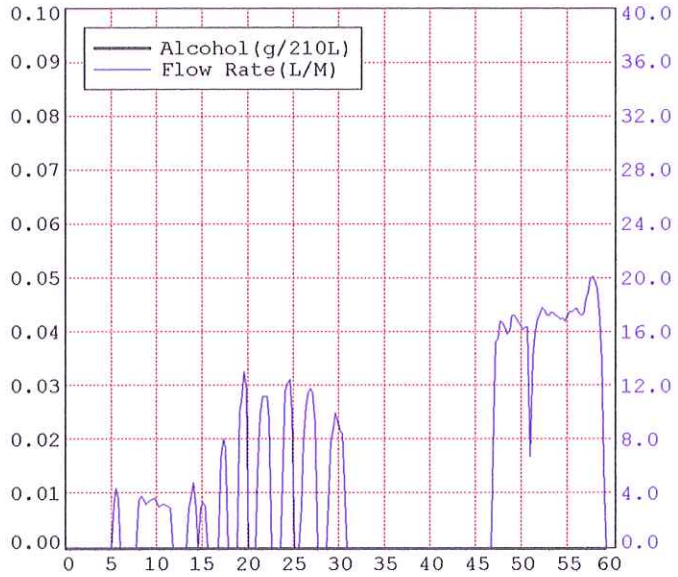
Concentration	= 0.099 g/210L
Lot #	= 13-15-100
Range	= 0.094 - 0.104
Average	= 0.104 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by BWerner **Date** 02/03/2014

Reviewed by _____ **Date** 2/6/14

2/12/2014

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Supervisor Name: RICHARD J WERNER

Diagnostic Results

```
VERSIONS
DMT: 1.01
PIC: 2.05
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.2°C
Breath Tube    = 48.1°C
Digital Sim    = 33.9°C

SETTINGS
Lamp Voltage   = 1.76 V
Cooler Voltage = 1.76 V
Bias Voltage   = 80 V
Chopper Freq   = 541 Hz

PUMP INFO
Flow Rate = 4.497 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.4329    0.4354
MIN(V)   0.4317    0.4339

FILTER INFO
Filter 1   0.435  Zero = true
Filter 2   0.892  Zero = true
Filter 3   0.969  Zero = true

CALIBRATION CHECK
Xq  = 0.082  0.53%
```

Accuracy and Precision Check

Concentration	= 0.099 g/210L
Lot #	= 13-15-100
Range	= 0.094 - 0.104
Average	= 0.105 g/210L
Std Dev	= ~~0.0000~~

Average out of range RCD 2/6/14

Routine Performance Check Failed

Performed by _____ **Date** 02/03/2014

Reviewed by _____ **Date** _____

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