ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 104409
Location: Winooski PD
Calibration Date: 12/19/2011
Certification Date: 12/20/2011
Installation Date: 12/23/2011
RPC Date: 10/30/2013
Supervisor Name: RICHARD M HEBERT

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube    = 48.1°C
Digital Sim    = 34.1°C

SETTINGS
Lamp Voltage   = 1.72 V
Cooler Voltage = 1.71 V
Bias Voltage   = 80 V
Chopper Freq   = 538 Hz

PUMP INFO
Flow Rate = 6.212 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.2697    0.2734
MIN(V)   0.2683    0.2718

FILTER INFO
Filter 1   0.272   Zero = true
Filter 2   0.508   Zero = true
Filter 3   0.657   Zero = true

CALIBRATION CHECK
Xq  = 0.081  1.42%
```

Routine Performance Check Passed

Accuracy and Precision Check

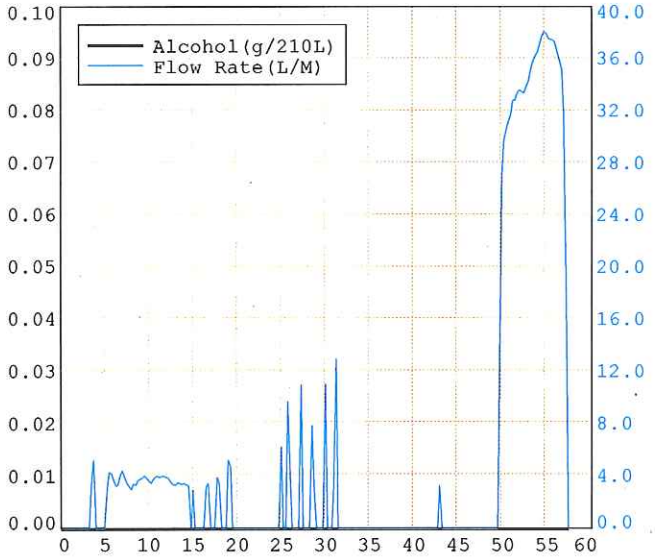
Concentration	= 0.100 g/210L
Lot #	= 13-13-100
Range	= 0.095 - 0.105
Average	= 0.099 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by Richard Hebert **Date** 10/30/2013

Reviewed by _____ **Date** 11/18/13

11/19/2013

Page 1 of 2 RD

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TEMPERATURES

Sample Chamber = 48.9°C
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Digital Sim    = 34.0°C

SETTINGS
Lamp Voltage   = 1.72 V
Cooler Voltage = 1.71 V
Bias Voltage   = 80 V
Chopper Freq   = 535 Hz

PUMP INFO
Flow Rate = 6.210 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.2632    0.2659
MIN(V)   0.2604    0.2642

FILTER INFO
Filter 1   0.264  Zero = true
Filter 2   0.500  Zero = true
Filter 3   0.644  Zero = true

CALIBRATION CHECK
Xq  = 0.080  0.76%
```

Routine Performance Check Failed

Accuracy and Precision Check

Concentration	= 0.100 g/210L
Lot #	= 13-13-100
Range	= 0.095 - 0.105
Average	= 0.099 g/210L
Std Dev	= 0.0000

RF Detection Test

Failed RCD 11/18/13

DMT supervisor failed to "key" handheld radio, so reran RPC
RCD 11/18/13

Performed by Richard Hebert **Date** 10/30/2013

Reviewed by _____ **Date** _____

2 of 2 RCD