ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 100143
Location: Randolph PD
Calibration Date: 10/20/2011
Certification Date: 10/20/2011
Installation Date: 10/27/2011
RPC Date: 06/20/2014
Supervisor Name: TOM SIMPSON

Diagnostic Results

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

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube    = 46.2°C
Digital Sim    = 34.1°C

SETTINGS
Lamp Voltage   = 1.69 V
Cooler Voltage = 1.69 V
Bias Voltage   = 81 V
Chopper Freq   = 539 Hz

PUMP INFO
Flow Rate = 5.448 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.4201    0.4224
MIN(V)   0.4187    0.4209

FILTER INFO
Filter 1   0.422  Zero = true
Filter 2   0.516  Zero = true
Filter 3   1.207  Zero = true

CALIBRATION CHECK
Xq  = 0.091  0.29%
```

Routine Performance Check Passed

Accuracy and Precision Check

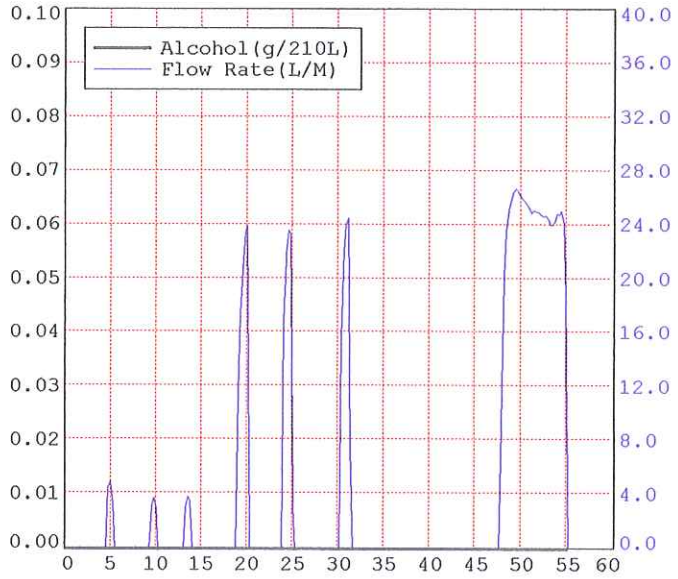
Concentration	= 0.099 g/210L
Lot #	= 13-21-100
Range	= 0.094 - 0.104
Average	= 0.101 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by Tom Simpson **Date** 06/20/2014

Reviewed by _____ **Date** 6/24/14

6/24/2014

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SETTINGS
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Cooler Voltage = 1.69 V
Bias Voltage   = 81 V
Chopper Freq   = 539 Hz

PUMP INFO
Flow Rate = 5.513 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.4142    0.4155
MIN(V)   0.4124    0.4142

FILTER INFO
Filter 1   0.414  Zero = true
Filter 2   0.510  Zero = true
Filter 3   1.198  Zero = true

CALIBRATION CHECK
Xq  = 0.091  0.97%
```

Accuracy and Precision Check

Concentration	= 0.099 g/210L
Lot #	= 13-21-100
Range	= 0.094 - 0.104
Average	= 0.101 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Routine Performance Check Failed

AMBIENT FAIL

Performed by Tom Simpson **Date** 06/20/2014

Reviewed by _____ **Date** _____

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