ROUTINE PERFORMANCE CHECK REPORT

RECEIVED
FEB 10 2012
Vermont Department of Health Laboratory

DataMaster DMT: 100160
Location: Rochester
Calibration Date: 10/18/2011
Certification Date: 10/19/2011
Installation Date: 10/28/2011
RPC Date: 02/08/2012
Supervisor Name: THOMAS A SIMPSON

Diagnostic Results

```
VERSIONS
DMT: 1.01
PIC: 2.06
Modem: 2.2
Questions: 2.0

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube    = 48.0°C
Digital Sim    = 33.9°C

SETTINGS
Lamp Voltage   = 1.80 V
Cooler Voltage = 1.66 V
Bias Voltage   = 80 V
Chopper Freq   = 537 Hz

PUMP INFO
Flow Rate = 6.473 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   -0.2604   -0.2579
MIN(V)   -0.2632   -0.2604

FILTER INFO
Filter 1  -0.256  Zero = true
Filter 2  -0.050  Zero = true
Filter 3   1.342  Zero = true

CALIBRATION CHECK
Xq  = 0.088  0.60%
```

Accuracy and Precision Check

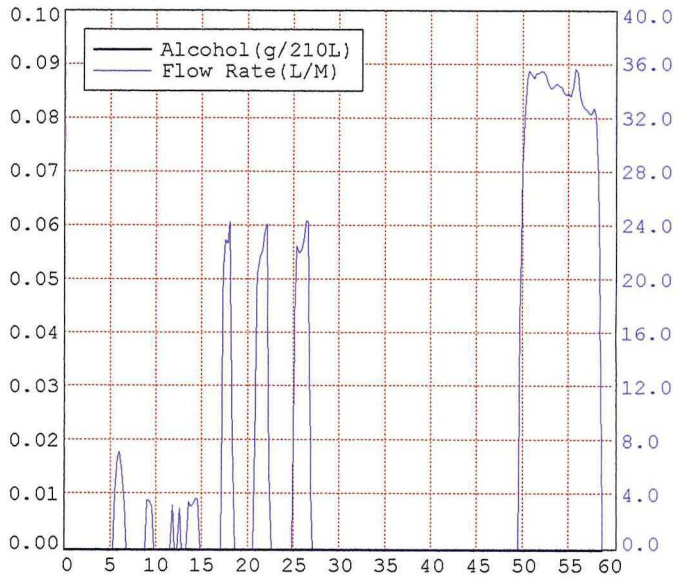
Concentration = 0.102 g/210L
Lot # = 12-13-100
Range = 0.097 - 0.107
Average = 0.099 g/210L
Std Dev = 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Routine Performance Check Passed

2/14/12

Performed by _____ Date 02/08/2012

Page 1 of 2

Reviewed by Steven Harnois Date 2/13/12

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Supervisor Name: THOMAS A SIMPSON

Diagnostic Results

VERSIONS
DMT: 1.01
PIC: 2.06
Modem: 2.2
Questions: 2.0

TEMPERATURES

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

SETTINGS
Lamp Voltage = 1.80 V
Cooler Voltage = 1.66 V
Bias Voltage = 80 V
Chopper Freq = 539 Hz

PUMP INFO
Flow Rate = 6.381 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	-0.2650	-0.2622
MIN(V)	-0.2695	-0.2661

FILTER INFO

Filter 1	-0.261	Zero = true
Filter 2	-0.057	Zero = true
Filter 3	1.334	Zero = true

CALIBRATION CHECK
Xq = 0.088 0.20%

Accuracy and Precision Check

Concentration	= 0.102 g/210L
Lot #	= 12-13-100
Range	= 0.097 - 0.107
Average	= 0.099 g/210L
Std Dev	= 0.0000

RF Detection Test

Failed

operator error - when RFI test showed, and we don't have a console radio, I hit cancel, thinking it would go to next step. It shut the process & printed this out.

2 of 2

Tom Simpson
C0060

OK
SH
2/13/12

Thomas A Simpson

re-doing RPC now w/old info

2-14-12

Routine Performance Check Failed

Performed by _____ Date 02/08/2012

Reviewed by _____ Date _____