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MAY 31 2012

Vermont Department of Health Laboratory



ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 100157
 Location: Colchester PD
 Calibration Date: 02/07/2012
 Certification Date: 02/08/2012
 Installation Date: 03/08/2012
 RPC Date: 05/30/2012
 Supervisor Name: CHRISTOPHER M JONES

Diagnostic Results

VERSIONS

DMT: 1.01
 PIC: 2.05
 Modem: 2.2
 Questions: 2.0

TEMPERATURES

Sample Chamber = 48.7°C
 Breath Tube = 45.1°C
 Digital Sim = 34.1°C

SETTINGS

Lamp Voltage = 1.63 V
 Cooler Voltage = 1.67 V
 Bias Voltage = 80 V
 Chopper Freq = 550 Hz

PUMP INFO

Flow Rate = 5.463 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.1589	-0.1551
MIN (V)	-0.1602	-0.1571

FILTER INFO

Filter 1	-0.157	Zero = true
Filter 2	0.154	Zero = true
Filter 3	1.292	Zero = true

CALIBRATION CHECK

Xq = 0.095 0.28%

Accuracy and Precision Check

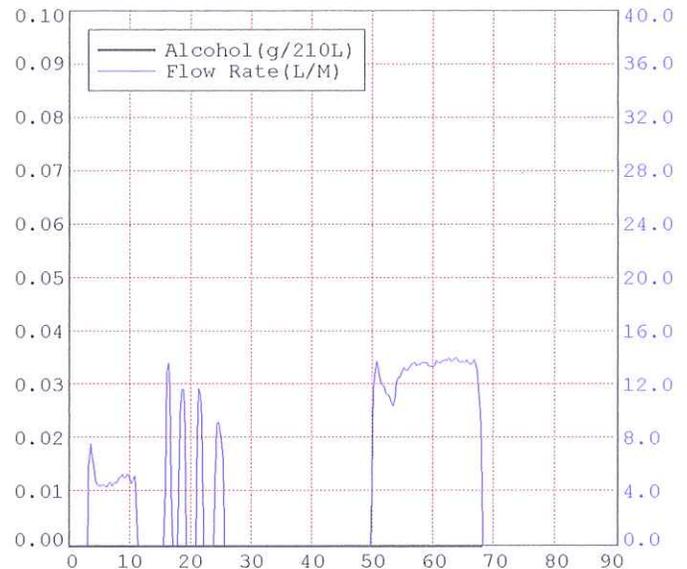
Concentration	= 0.100 g/210L
Lot #	= 12-58-100
Range	= 0.095 - 0.105
Average	= 0.100 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Routine Performance Check Passed

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Performed by Chris Jones M.S.

Date 05/30/2012

Reviewed by AB Boldt

Date 6/7/12

Handwritten signature and date: 6/7/2012

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 Supervisor Name: CHRISTOPHER M JONES

Diagnostic Results

VERSIONS

DMT: 1.01
 PIC: 2.05
 Modem: 2.2
 Questions: 2.0

TEMPERATURES

Sample Chamber = 48.7°C
 Breath Tube = 44.5°C
 Digital Sim = 0.0°C



SETTINGS

Lamp Voltage = 1.63 V
 Cooler Voltage = 1.67 V
 Bias Voltage = 80 V
 Chopper Freq = 549 Hz

PUMP INFO

Flow Rate = 5.476 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	-0.1575	-0.1541
MIN (V)	-0.1594	-0.1557

FILTER INFO

Filter 1	-0.155	Zero = true
Filter 2	0.155	Zero = true
Filter 3	1.293	Zero = true

CALIBRATION CHECK

Xq = 0.094 0.74%

Routine Performance Check Failed

*Supervisor forgot to plug in simulator, per phone call
 Sim trap failure 6/5/12 SCB*

Performed by *CMJ*

Date 05/30/2012

Reviewed by _____

Date _____

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