ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 121506
Location: Swanton PD
Calibration Date: 10/29/2013
Certification Date: 10/29/2013
Installation Date: 10/29/2013
RPC Date: 06/03/2014
Supervisor Name: DONALD M GILBERT

Diagnostic Results

VERSIONS
DMT: 1.01
PIC: 2.06
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 44.8°C
Digital Sim = 34.0°C

SETTINGS
Lamp Voltage = 1.86 V
Cooler Voltage = 1.82 V
Bias Voltage = 81 V
Chopper Freq = 547 Hz

PUMP INFO
Flow Rate = 4.497 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.6120	0.6130
MIN(V)	0.6085	0.6089

FILTER INFO RCD

Filter 1	0.610	Zero = true
Filter 2	1.281	Zero = true
Filter 3	1.251	Zero = true

CALIBRATION CHECK
Xq = 0.092 2.86%

Routine Performance Check Passed

Accuracy and Precision Check

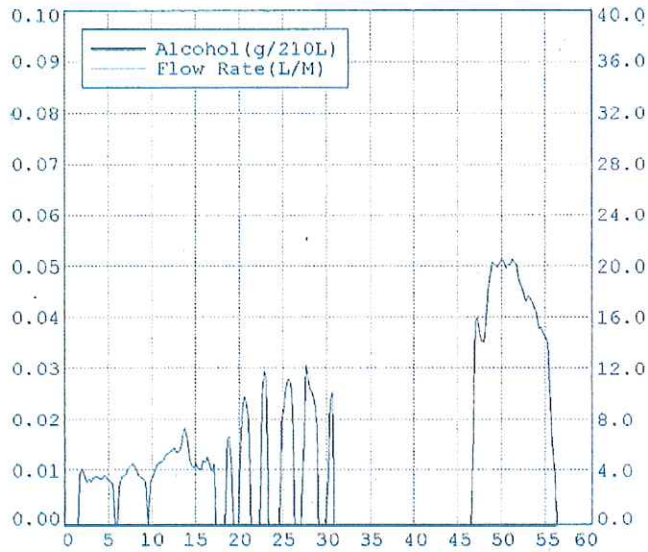
Concentration	= 0.097 g/210L
Lot #	= 14-02-100
Range	= 0.092 - 0.102
Average	= 0.097 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



Performed by Donald M Gilbert Date 06/03/2014

Reviewed by Date 7/1/14 7/1/2014

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DIAGNOSTIC RESULT

DataMaster DMT: 121506
Location: Swanton PD
Calibration Date: 10/29/2013
Certification Date: 10/29/2013
Installation Date: 10/29/2013
Test Date: 07/01/2014
Test Time: 13:02:14

VERSIONS
DMT: 1.01
PIC: 2.06
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 45.5°C
Digital Sim = 33.9°C

SETTINGS
Lamp Voltage = 1.86 V
Cooler Voltage = 1.82 V
Bias Voltage = 81 V
Chopper Freq = 547 Hz

PUMP INFO
Flow Rate = 4.443 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.1870	0.1882
MIN(V)	0.1821	0.1858

FILTER INFO

Filter 1	0.187	Zero = true
Filter 2	0.922	Zero = true
Filter 3	0.892	Zero = true

CALIBRATION CHECK
Xq = 0.095 0.28%

Requested Diagnostic result from DMT supervisor to monitor the detector voltage at filter 1.
RCD 7/1/14

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