ROUTINE PERFORMANCE CHECK REPORT

DataMaster DMT: 104709
Location: VFL
Calibration Date: 04/01/2013
Certification Date: 04/02/2013
Installation Date: 04/02/2013
RPC Date: 08/06/2013
Supervisor Name: REBECCA MEAD

Diagnostic Results

VERSIONS
DMT: 1.01
PIC: 2.05
Modem: 2.5
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 46.2°C
Digital Sim = 33.9°C

SETTINGS
Lamp Voltage = 1.70 V
Cooler Voltage = 1.67 V
Bias Voltage = 80 V
Chopper Freq = 532 Hz

PUMP INFO
Flow Rate = 5.738 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.0075	0.0104
MIN(V)	0.0057	0.0089

FILTER INFO

Filter 1	0.009	Zero = true
Filter 2	0.813	Zero = true
Filter 3	0.818	Zero = true

CALIBRATION CHECK
Xq = 0.082 0.11%

Routine Performance Check Passed

Accuracy and Precision Check

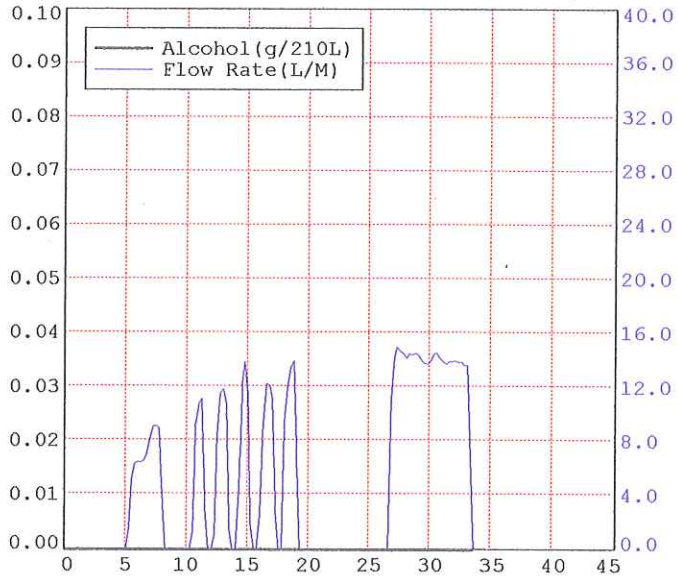
Concentration	= 0.099 g/210L
Lot #	= 13-04-100
Range	= 0.094 - 0.104
Average	= 0.099 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



NOTE: RPC PERFORMED BY RLM UNDER THE SUPERVISION OF RCD AS PART OF HER ONGOING TRAINING. TLC 8/7/2013

Performed by Rebecca Mead RLM **Date** 08/06/2013

Reviewed by **Date** 8/6/13

TLC 8/7/2013

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Diagnostic Results

```
VERSIONS
DMT: 1.01
PIC: 2.05
Modem: 2.5
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.1°C
Breath Tube    = 47.4°C
Digital Sim    = 33.9°C

SETTINGS
Lamp Voltage   = 1.70 V
Cooler Voltage = 1.67 V
Bias Voltage   = 80 V
Chopper Freq   = 531 Hz

PUMP INFO
Flow Rate = 5.622 L/M

DETECTOR INFO
PUMP     ON        OFF
MAX(V)   0.0055    0.0104
MIN(V)   0.0041    0.0077

FILTER INFO
Filter 1   0.010  Zero = true
Filter 2   0.806  Zero = true
Filter 3   0.803  Zero = true

CALIBRATION CHECK
Xq  = 0.081  0.74%
```

Accuracy and Precision Check

Concentration	= 0.099 g/210L
Lot #	= 13-04-100
Range	= 0.094 - 0.104
Average	= 0.040 g/210L
Std Dev	= 0.0545

Standard Deviation out of range

While running, observed that first three analyses read 0.000 and subsequent analyses read ~0.100. Likely, 5-way valve stuck for first few analyses.
RZM 8/6/13

Routine Performance Check Failed

Performed by Rebecca Mead RZM **Date** 08/06/2013

Reviewed by _____ **Date** _____