

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 122106
 Location: Vergennes PD
 Calibration Date: 01/03/2012
 Certification Date: 01/04/2012
 Installation Date: 03/05/2014
 RPC Date: 06/28/2016
 Supervisor Name: ROBERT DRISCOLL

Diagnostic Results

VERSIONS

DMT: 2.00
 PIC: 2.05
 Modem: 2.6
 Questions: 2.1

TEMPERATURES

Sample Chamber = 49.0°C
 Breath Tube = 48.1°C
 Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.72 V
 Cooler Voltage = 1.79 V
 Bias Voltage = 80 V
 Chopper Freq = 537 Hz

PUMP INFO

Flow Rate = 5.233 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX (V)	0.3047	0.3069
MIN (V)	0.3028	0.3051

FILTER INFO

Filter	Value	Zero
Filter 1	0.305	true
Filter 2	0.689	true
Filter 3	0.966	true

CALIBRATION CHECK

Xq = 0.086 0.20%

Accuracy and Precision Check

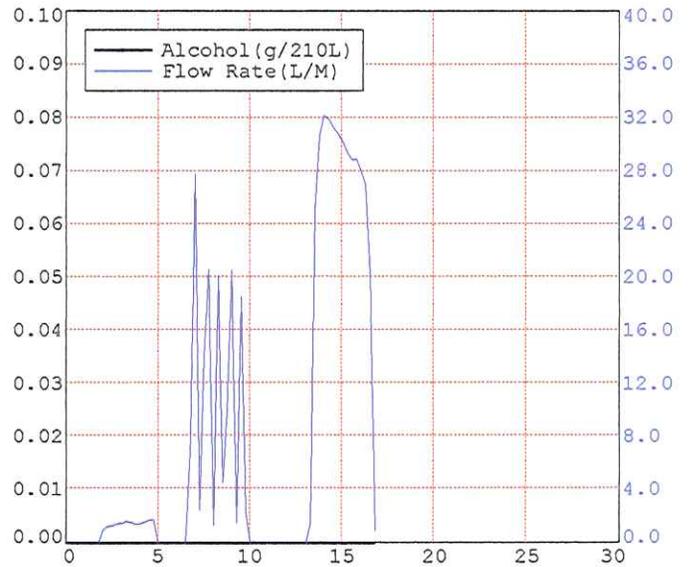
Concentration = 0.097 g/210L
 Lot # = 15-23-100
 Range = 0.092 - 0.102
 Average = 0.100 g/210L
 Std Dev = 0.0004

RF Detection Test

Passed

Sample Acceptance Test

Passed



Routine Performance Check Passed

Replaced simulator quick-connect crings due to simulator timed out errors and reran RPC protocol. RCD 6/28/16

Performed by *[Signature]* Date 06/28/2016

Reviewed by *[Signature]* Date 6/30/16

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 122106
Location: Vergennes PD
Calibration Date: 01/03/2012
Certification Date: 01/04/2012
Installation Date: 03/05/2014
RPC Date: 06/25/2016
Supervisor Name: ADAM J ONEILL

Diagnostic Results

VERSIONS
DMT: 2.00
PIC: 2.05
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 48.1°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.72 V
Cooler Voltage = 1.79 V
Bias Voltage = 80 V
Chopper Freq = 538 Hz

PUMP INFO

Flow Rate = 5.239 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.3031	0.3061
MIN(V)	0.3010	0.3041

FILTER INFO

Filter 1	0.305	Zero = true
Filter 2	0.688	Zero = true
Filter 3	0.969	Zero = true

CALIBRATION CHECK

Xq = 0.086 0.81%

Routine Performance Check Failed

Accuracy and Precision Check

Concentration
Lot #
Range
Average
Std Dev

Performed by

Date

06/25/2016

Reviewed by

Date

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 122106
Location: Vergennes PD
Calibration Date: 01/03/2012
Certification Date: 01/04/2012
Installation Date: 03/05/2014
RPC Date: 06/25/2016
Supervisor Name: ADAM J ONEILL

Diagnostic Results

VERSIONS
DMT: 2.00
PIC: 2.05
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.8°C
Breath Tube = 48.1°C
Digital Sim = 34.0°C

SETTINGS

Lamp Voltage = 1.72 V
Cooler Voltage = 1.79 V
Bias Voltage = 80 V
Chopper Freq = 538 Hz

PUMP INFO

Flow Rate = 5.211 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.3065	0.3091
MIN(V)	0.3024	0.3073

FILTER INFO

Filter 1	0.308	Zero = true
Filter 2	0.690	Zero = true
Filter 3	0.972	Zero = true

CALIBRATION CHECK

Xq = 0.086 0.71%

Routine Performance Check Failed

Accuracy and Precision Check

Concentration
Lot #
Range
Average
Std Dev

Performed by _____

Date 06/26/2016

Reviewed by _____

Date _____

ROUTINE PERFORMANCE CHECK REPORT



DataMaster DMT: 122106
Location: Vergennes PD
Calibration Date: 01/03/2012
Certification Date: 01/04/2012
Installation Date: 03/05/2014
RPC Date: 06/26/2016
Supervisor Name: ADAM J ONEILL

Diagnostic Results

VERSIONS
DMT: 2.00
PIC: 2.05
Modem: 2.6
Questions: 2.1

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 48.1°C
Digital Sim = 34.1°C

SETTINGS

Lamp Voltage = 1.72 V
Cooler Voltage = 1.79 V
Bias Voltage = 80 V
Chopper Freq = 538 Hz

PUMP INFO

Flow Rate = 5.320 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.3126	0.3152
MIN(V)	0.3108	0.3134

FILTER INFO

Filter 1	0.315	Zero = true
Filter 2	0.696	Zero = true
Filter 3	0.980	Zero = true

CALIBRATION CHECK

Xq = 0.086 0.30%

Routine Performance Check Failed

Accuracy and Precision Check

Concentration
Lot #
Range
Average
Std Dev

Performed by _____

Date 06/26/2016

Reviewed by _____

Date _____

Re: June RPC

Driscoll, Rob

Tue 6/28/2016 7:12 AM

To: O'Neill, Adam <Adam.ONeill@vermont.gov>;

Adam,

I will come take a look today.

Regards,
Rob

Robert Driscoll
Vermont Forensic Laboratory
45 State Drive
Waterbury, VT 05671
Electronics Technician
Rob.Driscoll@Vermont.gov
Desk: (802) 241-5817
Cell: (802) 585-0123

From: O'Neill, Adam
Sent: Monday, June 27, 2016 6:05:49 PM
To: Driscoll, Rob
Subject: RE: June RPC

Rob,

If I remember correct, while it was going through the 5 test samples, it gave the message, "Simulator timed out". I looked through the troubleshoot section of the book and I double checked all the hoses and seals to make sure they were fitted properly, but it continued to fail.

I've attached two out of the three reports that I tried (they were loading really slow), even though i'm sure you can get them through the host computer.

Any ideas on what I can try?

Officer Adam O'Neill
Vergennes Police Department
8 Main Street
Vergennes, VT 05491
802-877-1152 (Office)
802-770-4554 (Cell)

5 RD

From: Driscoll, Rob
Sent: Tuesday, June 28, 2016 1:26 AM
To: O'Neill, Adam
Subject: June RPC

Adam,

In reviewing our Host computer this morning, I noticed that your DMT did not pass the June RPC. Can you please explain the failures and let me know if you need assistance.

Regards,
Rob

Robert Driscoll
Vermont Forensic Laboratory
45 State Drive
Waterbury, VT 05671
Electronics Technician
Rob.Driscoll@Vermont.gov <mailto:Rob.Driscoll@Vermont.gov>
Desk: (802) 241-5817
Cell: (802) 585-0123

RE: June RPC

O'Neill, Adam

Tue 6/28/2016 3:39 PM

DMT Discoverable

To: Driscoll, Rob <Rob.Driscoll@vermont.gov>;

Thank you!

Officer Adam O'Neill
Vergennes Police Department
[8 Main Street](#)
[Vergennes, VT 05491](#)
802-877-1152 (Office)
802-770-4554 (Cell)

From: Driscoll, Rob
Sent: Wednesday, June 29, 2016 7:35 AM
To: O'Neill, Adam
Subject: Re: June RPC

Adam,

Your June RPC has been completed.

Regards,
Rob

Robert Driscoll

Vermont Forensic Laboratory

[45 State Drive](#)

[Waterbury, VT 05671](#)

Electronics Technician

Rob.Driscoll@Vermont.gov <mailto:Rob.Driscoll@Vermont.gov>

Desk: (802) 241-5817

Cell: (802) 585-0123

From: O'Neill, Adam

7 of 7 RD