SECTION 3

LINEARITY TESTS

DIAGNOSTIC RESULT

DataMaster DMT: 104509
Location:
Calibration Date: 09/19/2011
Certification Date: 09/19/2011
Installation Date:
Test Date: 09/20/2011
Test Time: 08:37:09

VERSIONS
DMT: 1.00
PIC: 2.05
Modem: 2.1
Questions: 2.0

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube = 47.7°C
Digital Sim = 33.7°C

SETTINGS
Lamp Voltage = 1.66 V
Cooler Voltage = 1.67 V
Bias Voltage = 80 V
Chopper Freq = 533 Hz

PUMP INFO
Flow Rate = 5.898 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.0309	0.0337
MIN(V)	0.0297	0.0317

FILTER INFO
Filter 1 0.032 Zero = true
Filter 2 0.623 Zero = true
Filter 3 0.195 Zero = true

CALIBRATION CHECK
Xq = 0.088 0.98%

ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 104509

Date: 09/20/2011
Time: 08:40:12

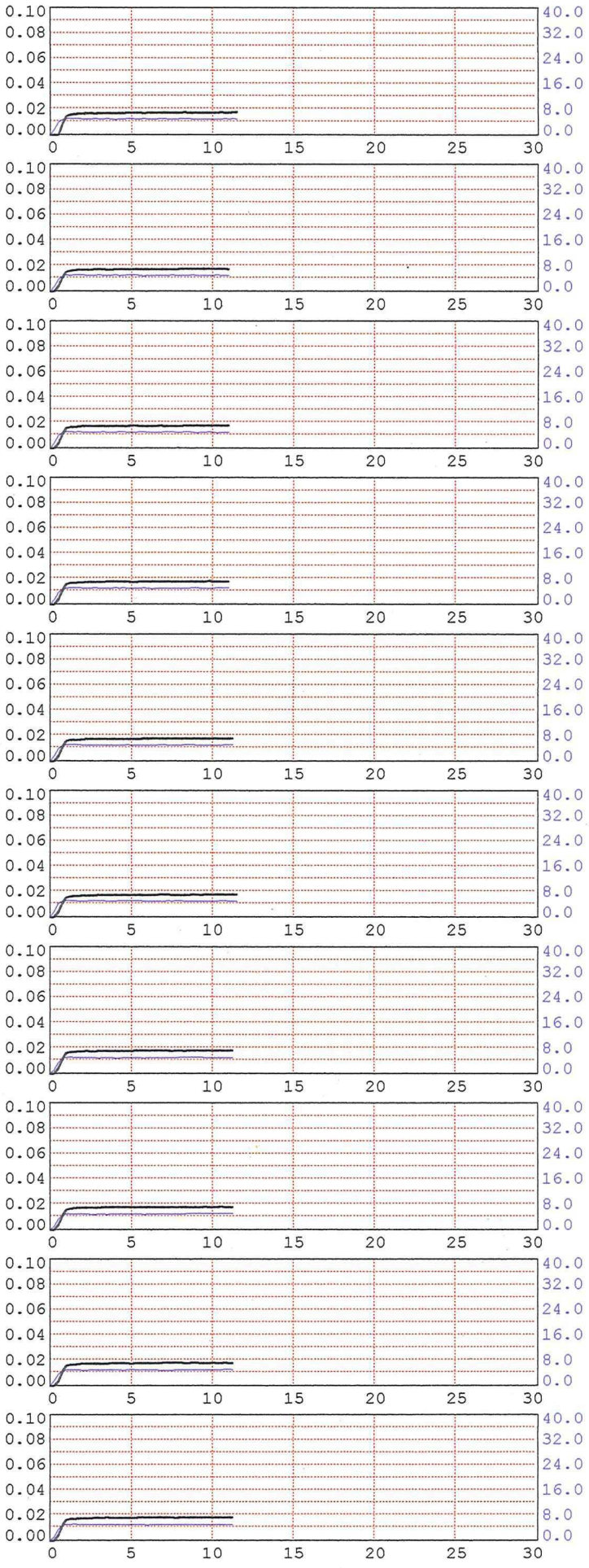
SUPERVISOR NAME:
STEVEN R MERRILL

SOLUTION LOT #: 12-07-020
SOLUTION CONCENTRATION: 0.019

BLANK TEST	0.000	08:41
CALIBRATION CHECK	PASSED	08:41
SIMULATOR VAPOR 33.8°C	0.019	08:41
SIMULATOR VAPOR 33.8°C	0.019	08:42
SIMULATOR VAPOR 33.8°C	0.019	08:43
SIMULATOR VAPOR 33.8°C	0.019	08:44
SIMULATOR VAPOR 33.8°C	0.019	08:45
SIMULATOR VAPOR 33.8°C	0.019	08:46
SIMULATOR VAPOR 33.8°C	0.019	08:47
SIMULATOR VAPOR 33.8°C	0.019	08:48
SIMULATOR VAPOR 33.8°C	0.019	08:49
SIMULATOR VAPOR 33.8°C	0.019	08:50
BLANK TEST	0.000	08:51

Average = 0.019
Std Dev = 0.000

LI 09/20/11



ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 104509

Date: 09/20/2011
Time: 08:53:49

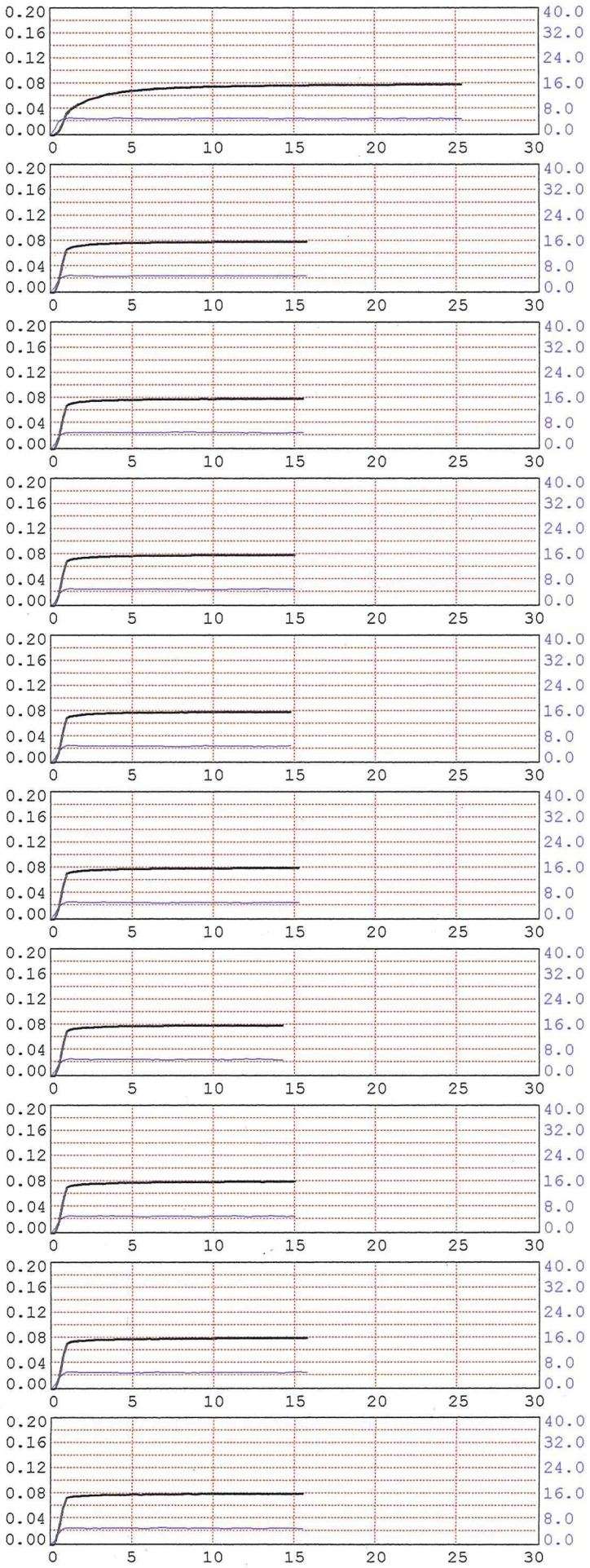
SUPERVISOR NAME:
STEVEN R MERRILL

SOLUTION LOT #: 12-11-080
SOLUTION CONCENTRATION: 0.080

BLANK TEST	0.000	08:54
CALIBRATION CHECK	PASSED	08:54
SIMULATOR VAPOR 33.8°C	0.079	08:55
SIMULATOR VAPOR 33.8°C	0.079	08:56
SIMULATOR VAPOR 33.8°C	0.080	08:57
SIMULATOR VAPOR 33.8°C	0.080	08:58
SIMULATOR VAPOR 33.8°C	0.080	08:59
SIMULATOR VAPOR 33.8°C	0.080	09:00
SIMULATOR VAPOR 33.7°C	0.080	09:01
SIMULATOR VAPOR 33.8°C	0.080	09:03
SIMULATOR VAPOR 33.7°C	0.080	09:04
SIMULATOR VAPOR 33.7°C	0.080	09:05
BLANK TEST	0.000	09:06

Average = 0.079
Std Dev = 0.000

LI 09/20/11 SM



ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 104509

Date: 09/20/2011
Time: 09:20:01

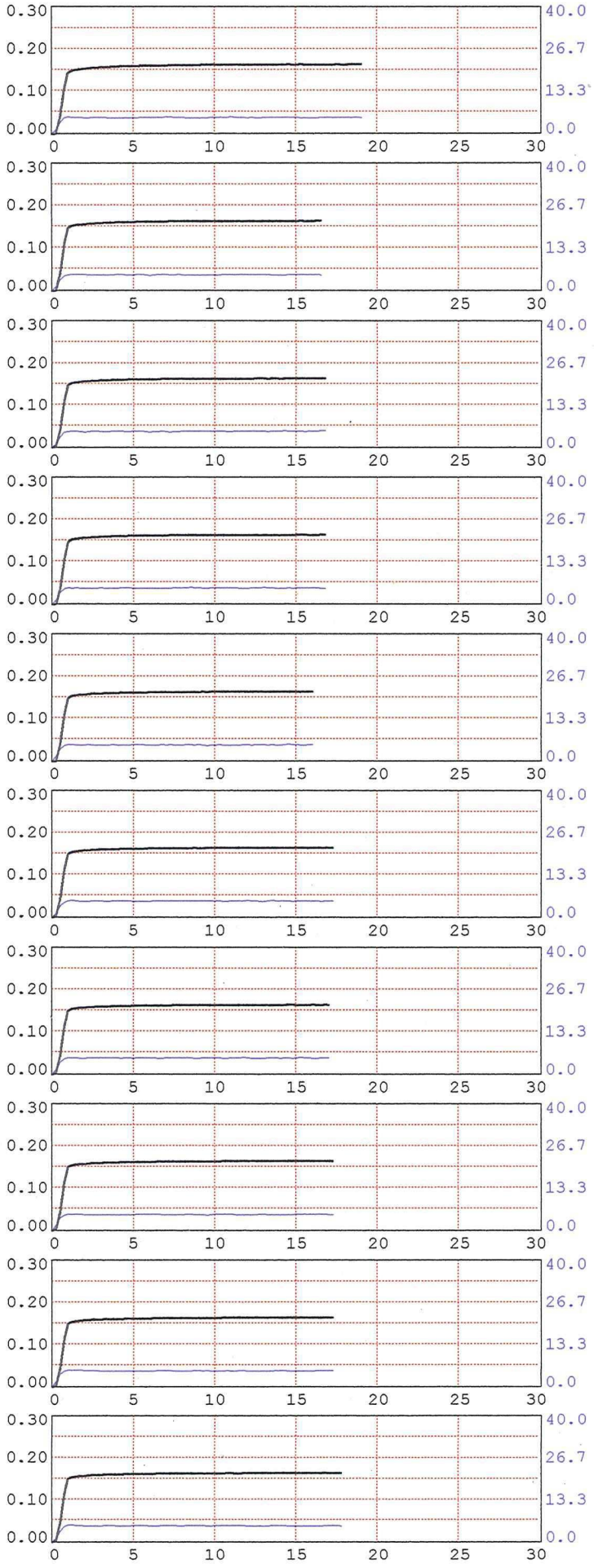
SUPERVISOR NAME:
STEVEN R MERRILL

SOLUTION LOT #: 12-12-160
SOLUTION CONCENTRATION: 0.161

BLANK TEST	0.000	09:20
CALIBRATION CHECK	PASSED	09:21
SIMULATOR VAPOR 33.7°C	0.164	09:21
SIMULATOR VAPOR 33.7°C	0.163	09:22
SIMULATOR VAPOR 33.8°C	0.164	09:23
SIMULATOR VAPOR 33.7°C	0.164	09:24
SIMULATOR VAPOR 33.8°C	0.164	09:26
SIMULATOR VAPOR 33.7°C	0.165	09:27
SIMULATOR VAPOR 33.7°C	0.164	09:28
SIMULATOR VAPOR 33.7°C	0.164	09:29
SIMULATOR VAPOR 33.7°C	0.164	09:30
SIMULATOR VAPOR 33.7°C	0.164	09:31
BLANK TEST	0.000	09:32

Average = 0.164
Std Dev = 0.000

LI 09/20/11



ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 104509

Date: 09/20/2011
Time: 09:46:01

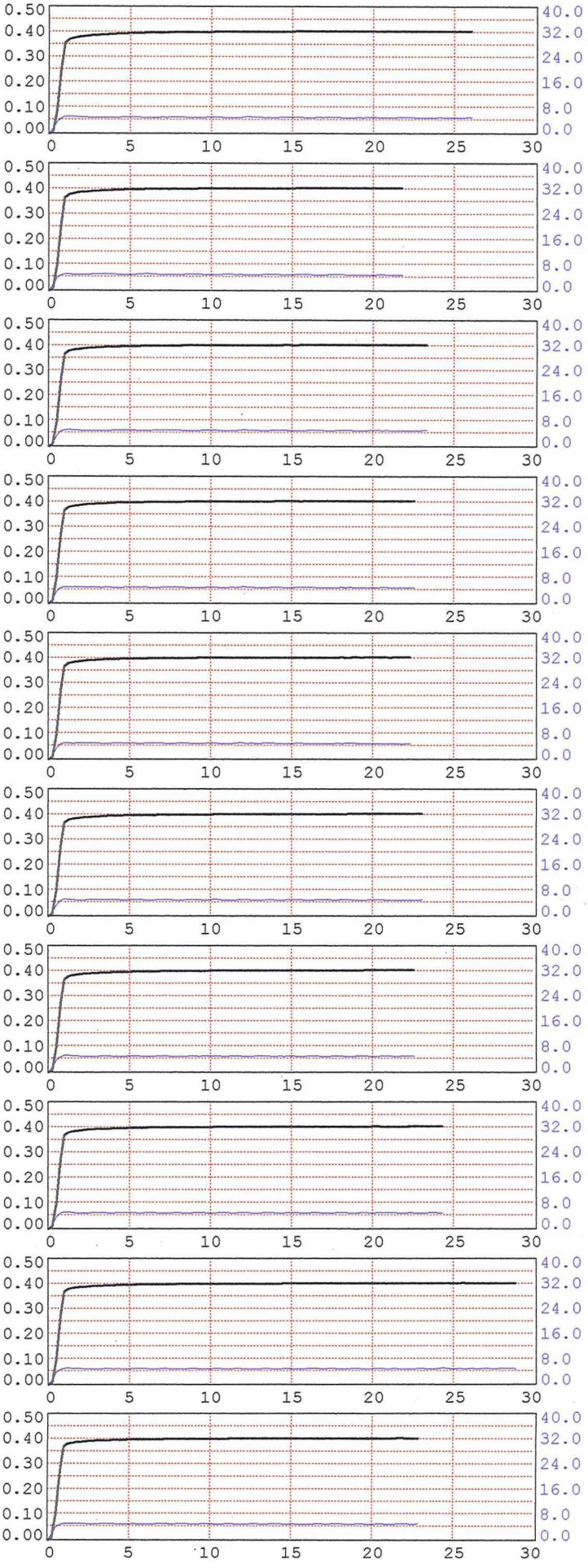
SUPERVISOR NAME:
STEVEN R MERRILL

SOLUTION LOT #: 12-08-400
SOLUTION CONCENTRATION: 0.401

BLANK TEST	0.000	09:46
CALIBRATION CHECK	PASSED	09:47
SIMULATOR VAPOR 33.8°C	0.403	09:47
SIMULATOR VAPOR 33.8°C	0.401	09:48
SIMULATOR VAPOR 33.8°C	0.402	09:50
SIMULATOR VAPOR 33.8°C	0.401	09:51
SIMULATOR VAPOR 33.7°C	0.401	09:52
SIMULATOR VAPOR 33.7°C	0.401	09:53
SIMULATOR VAPOR 33.7°C	0.401	09:55
SIMULATOR VAPOR 33.7°C	0.401	09:56
SIMULATOR VAPOR 33.7°C	0.401	09:57
SIMULATOR VAPOR 33.7°C	0.401	09:59
BLANK TEST	0.000	09:59

Average = 0.401
Std Dev = 0.000

L1 09/20/11 SM



DIAGNOSTIC RESULT

DataMaster DMT: 104509
Location:
Calibration Date: 09/19/2011
Certification Date: 09/19/2011
Installation Date:
Test Date: 09/20/2011
Test Time: 12:16:27

VERSIONS
DMT: 1.00
PIC: 2.05
Modem: 2.1
Questions: 2.0

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 47.8°C
Digital Sim = 33.8°C

SETTINGS
Lamp Voltage = 1.66 V
Cooler Voltage = 1.67 V
Bias Voltage = 80 V
Chopper Freq = 534 Hz

PUMP INFO
Flow Rate = 6.007 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.0409	0.0439
MIN(V)	0.0396	0.0425

FILTER INFO
Filter 1 0.043 Zero = true
Filter 2 0.631 Zero = true
Filter 3 0.210 Zero = true

CALIBRATION CHECK
Xq = 0.089 0.29%

ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 104509

Date: 09/20/2011
Time: 12:19:10

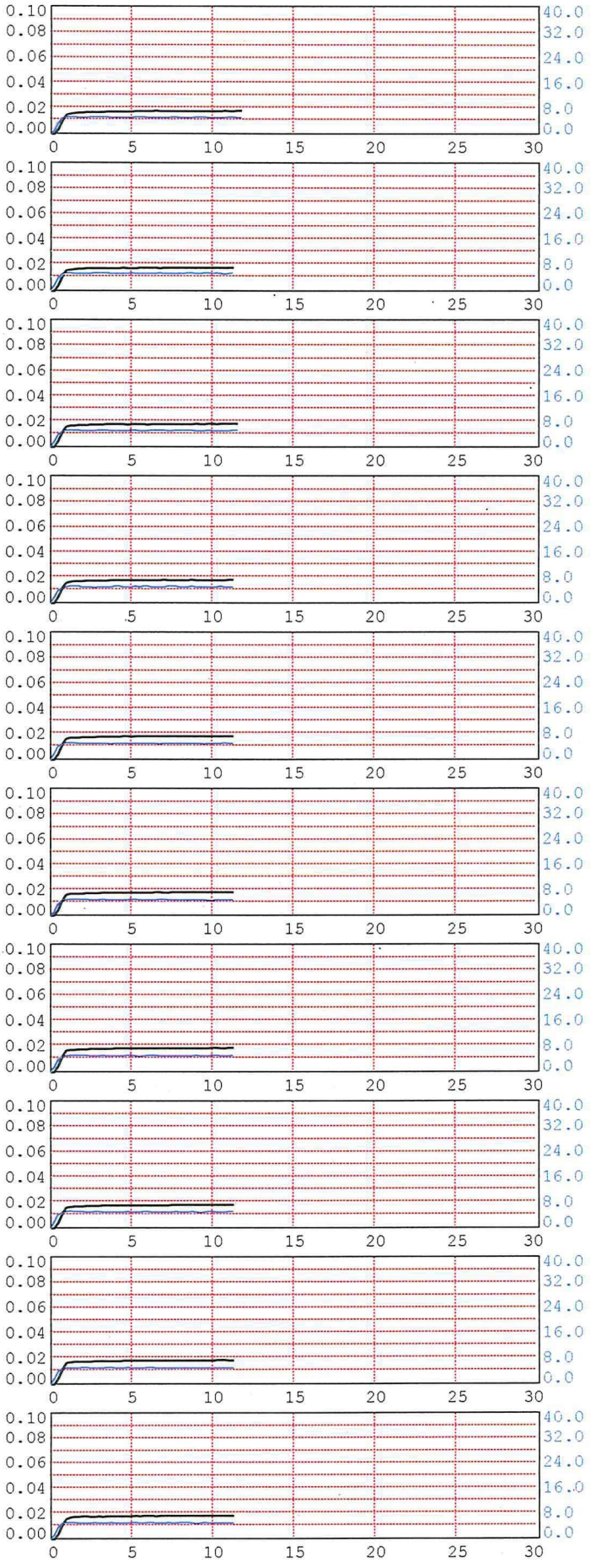
SUPERVISOR NAME:
STEVEN R MERRILL

SOLUTION LOT #: 12-07-020
SOLUTION CONCENTRATION: 0.019

BLANK TEST	0.000	12:20
CALIBRATION CHECK	PASSED	12:20
SIMULATOR VAPOR 33.7°C	0.019	12:20
SIMULATOR VAPOR 33.8°C	0.019	12:21
SIMULATOR VAPOR 33.8°C	0.019	12:22
SIMULATOR VAPOR 33.8°C	0.019	12:23
SIMULATOR VAPOR 33.7°C	0.019	12:24
SIMULATOR VAPOR 33.8°C	0.019	12:25
SIMULATOR VAPOR 33.7°C	0.019	12:26
SIMULATOR VAPOR 33.7°C	0.019	12:27
SIMULATOR VAPOR 33.8°C	0.019	12:28
SIMULATOR VAPOR 33.8°C	0.019	12:29
BLANK TEST	0.000	12:30

Average = 0.019
Std Dev = 0.000

LJ 09/20/11



ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 104509

Date: 09/20/2011
Time: 12:40:48

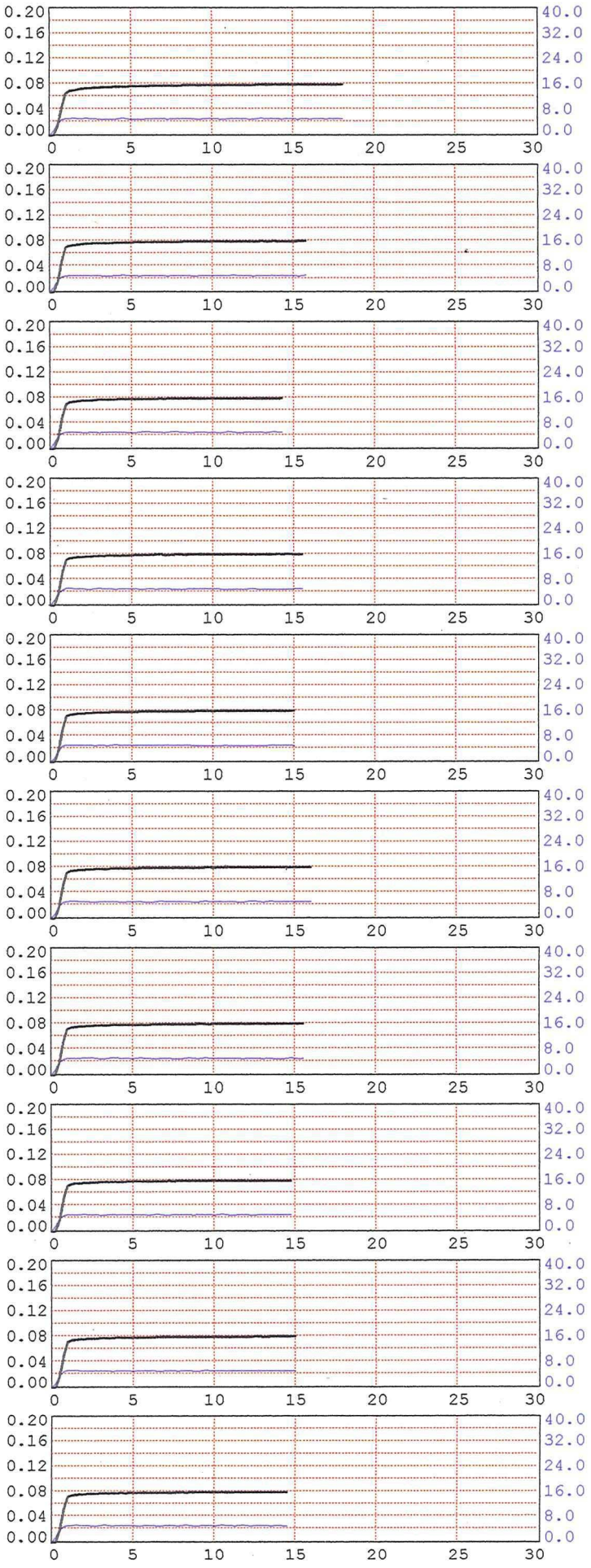
SUPERVISOR NAME:
STEVEN R MERRILL

SOLUTION LOT #: 12-11-080
SOLUTION CONCENTRATION: 0.080

BLANK TEST	0.000	12:41
CALIBRATION CHECK	PASSED	12:41
SIMULATOR VAPOR 33.7°C	0.079	12:42
SIMULATOR VAPOR 33.8°C	0.080	12:43
SIMULATOR VAPOR 33.8°C	0.080	12:44
SIMULATOR VAPOR 33.7°C	0.081	12:45
SIMULATOR VAPOR 33.7°C	0.081	12:46
SIMULATOR VAPOR 33.8°C	0.081	12:47
SIMULATOR VAPOR 33.8°C	0.080	12:48
SIMULATOR VAPOR 33.8°C	0.080	12:49
SIMULATOR VAPOR 33.8°C	0.080	12:51
SIMULATOR VAPOR 33.8°C	0.080	12:52
BLANK TEST	0.000	12:53

Average = 0.080
Std Dev = 0.000

LJ 09/20/11 sm



ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 104509

Date: 09/20/2011
Time: 12:58:53

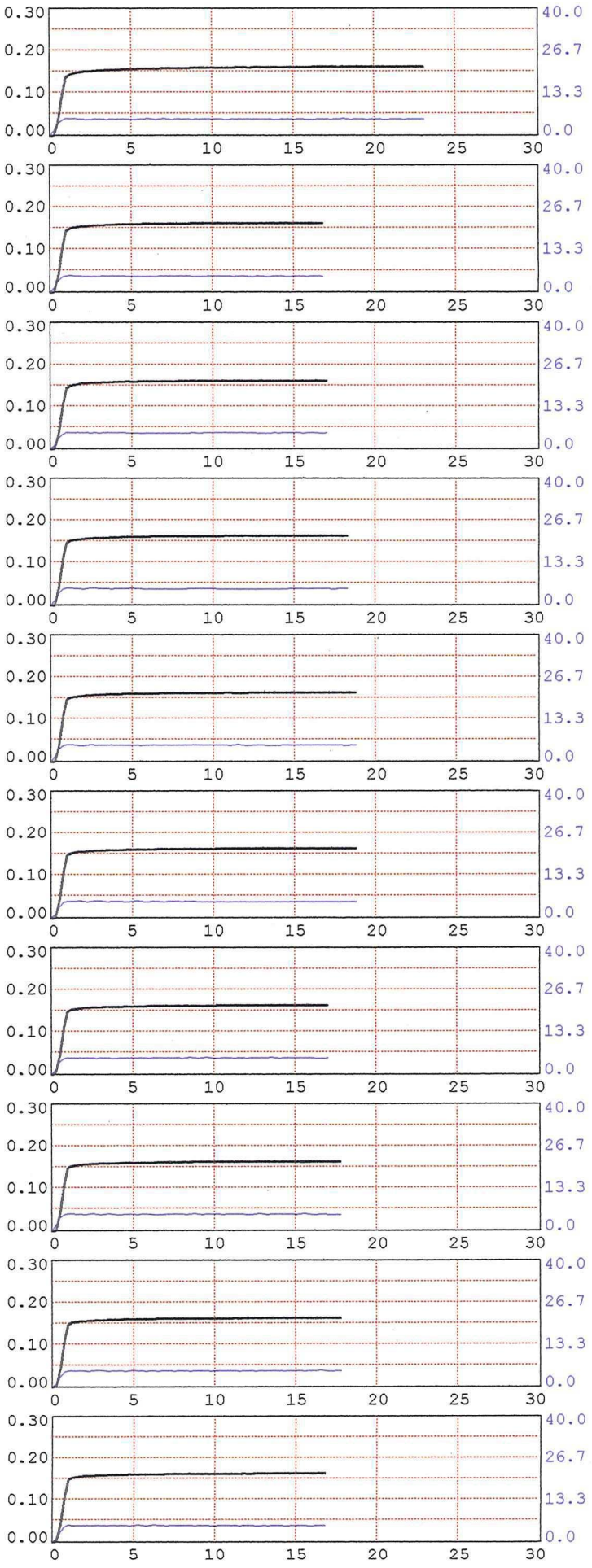
SUPERVISOR NAME:
STEVEN R MERRILL

SOLUTION LOT #: 12-12-160
SOLUTION CONCENTRATION: 0.161

BLANK TEST	0.000	12:59
CALIBRATION CHECK	PASSED	12:59
SIMULATOR VAPOR 33.8°C	0.162	13:00
SIMULATOR VAPOR 33.7°C	0.162	13:01
SIMULATOR VAPOR 33.8°C	0.162	13:02
SIMULATOR VAPOR 33.8°C	0.163	13:03
SIMULATOR VAPOR 33.8°C	0.163	13:05
SIMULATOR VAPOR 33.8°C	0.163	13:06
SIMULATOR VAPOR 33.7°C	0.163	13:07
SIMULATOR VAPOR 33.7°C	0.163	13:08
SIMULATOR VAPOR 33.8°C	0.163	13:09
SIMULATOR VAPOR 33.8°C	0.163	13:10
BLANK TEST	0.000	13:11

Average = 0.162
Std Dev = 0.000

LJ 09/20/11 SM



ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 104509

Date: 09/20/2011
Time: 13:50:20

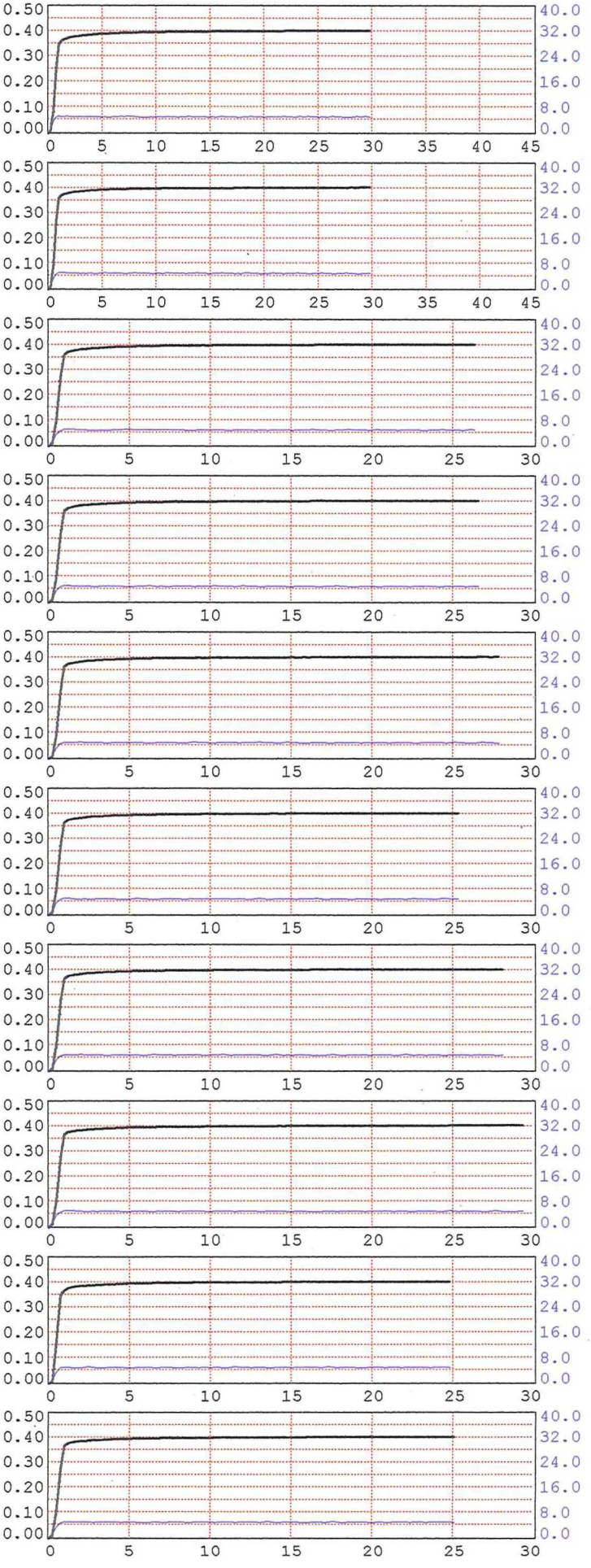
SUPERVISOR NAME:
STEVEN R MERRILL

SOLUTION LOT #: 12-08-400
SOLUTION CONCENTRATION: 0.401

BLANK TEST	0.000	13:51
CALIBRATION CHECK	PASSED	13:51
SIMULATOR VAPOR 33.8°C	0.400	13:51
SIMULATOR VAPOR 33.7°C	0.401	13:53
SIMULATOR VAPOR 33.8°C	0.400	13:54
SIMULATOR VAPOR 33.7°C	0.400	13:55
SIMULATOR VAPOR 33.7°C	0.401	13:57
SIMULATOR VAPOR 33.8°C	0.401	13:58
SIMULATOR VAPOR 33.8°C	0.401	13:59
SIMULATOR VAPOR 33.8°C	0.401	14:01
SIMULATOR VAPOR 33.8°C	0.401	14:02
SIMULATOR VAPOR 33.8°C	0.400	14:03
BLANK TEST	0.000	14:04

Average = 0.400
Std Dev = 0.000

LJ 09/20/11



DIAGNOSTIC RESULT

DataMaster DMT: 104509
Location:
Calibration Date: 09/19/2011
Certification Date: 09/19/2011
Installation Date:
Test Date: 09/21/2011
Test Time: 07:50:23

VERSIONS
DMT: 1.00
PIC: 2.05
Modem: 2.1
Questions: 2.0

TEMPERATURES

Sample Chamber = 49.2°C
Breath Tube = 47.6°C
Digital Sim = 33.6°C

SETTINGS
Lamp Voltage = 1.66 V
Cooler Voltage = 1.67 V
Bias Voltage = 80 V
Chopper Freq = 532 Hz

PUMP INFO
Flow Rate = 6.124 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.0337	0.0370
MIN(V)	0.0321	0.0358

FILTER INFO
Filter 1 0.036 Zero = true
Filter 2 0.626 Zero = true
Filter 3 0.197 Zero = true

CALIBRATION CHECK
Xq = 0.088 0.79%

ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 104509

Date: 09/21/2011
Time: 07:54:02

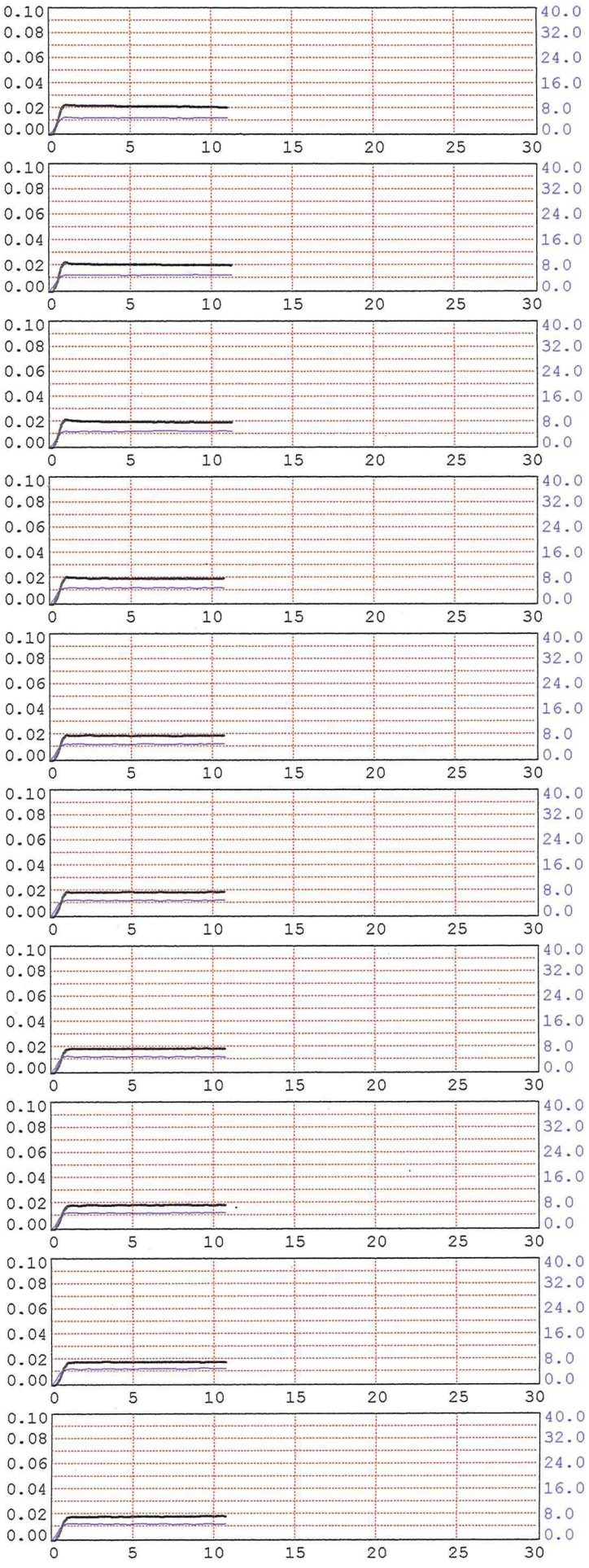
SUPERVISOR NAME:
STEVEN R MERRILL

SOLUTION LOT #: 12-07-020
SOLUTION CONCENTRATION: 0.019

BLANK TEST	0.000	07:54
CALIBRATION CHECK	PASSED	07:55
SIMULATOR VAPOR 33.7°C	0.023	07:55
SIMULATOR VAPOR 33.7°C	0.022	07:56
SIMULATOR VAPOR 33.7°C	0.021	07:57
SIMULATOR VAPOR 33.7°C	0.021	07:58
SIMULATOR VAPOR 33.8°C	0.020	07:59
SIMULATOR VAPOR 33.7°C	0.020	08:00
SIMULATOR VAPOR 33.7°C	0.020	08:01
SIMULATOR VAPOR 33.7°C	0.020	08:02
SIMULATOR VAPOR 33.8°C	0.019	08:03
SIMULATOR VAPOR 33.8°C	0.020	08:04
BLANK TEST	0.000	08:05

Average = 0.020
Std Dev = 0.001

LJ 09/21/11 SM



ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 104509

Date: 09/21/2011
Time: 08:15:16

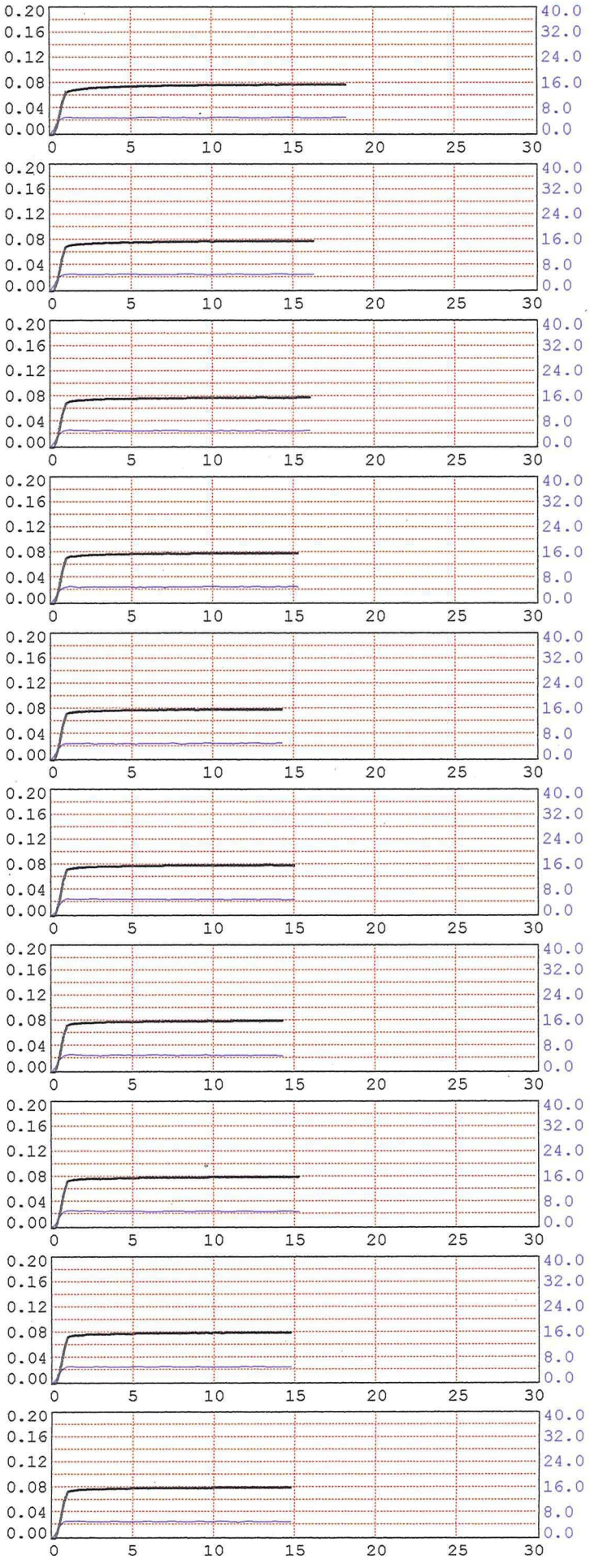
SUPERVISOR NAME:
STEVEN R MERRILL

SOLUTION LOT #: 12-11-080
SOLUTION CONCENTRATION: 0.080

BLANK TEST	0.000	08:16
CALIBRATION CHECK	PASSED	08:16
SIMULATOR VAPOR 33.8°C	0.079	08:16
SIMULATOR VAPOR 33.7°C	0.079	08:17
SIMULATOR VAPOR 33.7°C	0.079	08:18
SIMULATOR VAPOR 33.7°C	0.080	08:20
SIMULATOR VAPOR 33.7°C	0.080	08:21
SIMULATOR VAPOR 33.7°C	0.080	08:22
SIMULATOR VAPOR 33.7°C	0.080	08:23
SIMULATOR VAPOR 33.8°C	0.080	08:24
SIMULATOR VAPOR 33.8°C	0.080	08:25
SIMULATOR VAPOR 33.7°C	0.080	08:26
BLANK TEST	0.000	08:27

Average = 0.079
Std Dev = 0.000

L3 09/21/11 Steve



ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 104509

Date: 09/21/2011
Time: 08:31:33

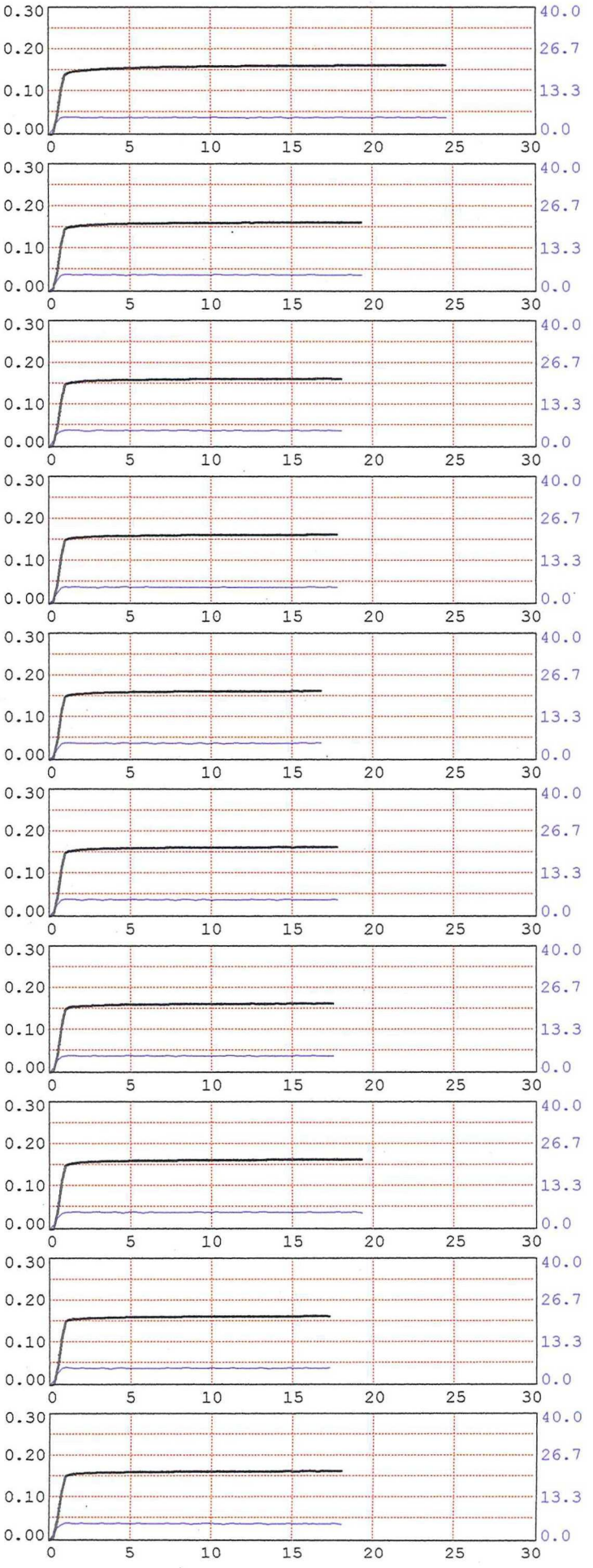
SUPERVISOR NAME:
STEVEN R MERRILL

SOLUTION LOT #: 12-12-160
SOLUTION CONCENTRATION: 0.161

BLANK TEST	0.000	08:32
CALIBRATION CHECK	PASSED	08:32
SIMULATOR VAPOR 33.6°C	0.162	08:33
SIMULATOR VAPOR 33.7°C	0.162	08:34
SIMULATOR VAPOR 33.8°C	0.162	08:35
SIMULATOR VAPOR 33.8°C	0.162	08:36
SIMULATOR VAPOR 33.8°C	0.162	08:37
SIMULATOR VAPOR 33.8°C	0.163	08:38
SIMULATOR VAPOR 33.7°C	0.163	08:40
SIMULATOR VAPOR 33.7°C	0.163	08:41
SIMULATOR VAPOR 33.8°C	0.163	08:42
SIMULATOR VAPOR 33.7°C	0.163	08:43
BLANK TEST	0.000	08:44

Average = 0.162
Std Dev = 0.000

L3 09/21/11 SM



ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 104509

Date: 09/21/2011
Time: 08:47:51

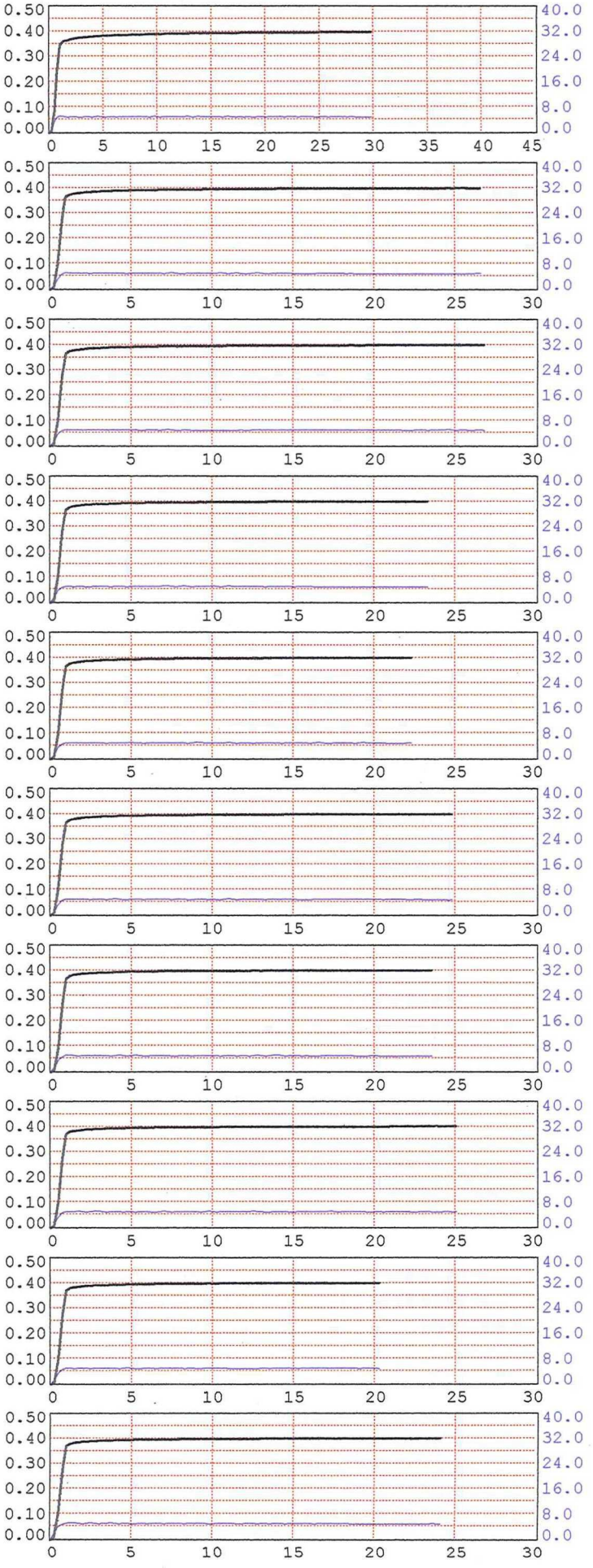
SUPERVISOR NAME:
STEVEN R MERRILL

SOLUTION LOT #: 12-08-400
SOLUTION CONCENTRATION: 0.401

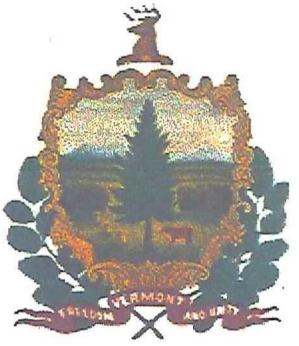
BLANK TEST	0.000	08:48
CALIBRATION CHECK	PASSED	08:48
SIMULATOR VAPOR 33.6°C	0.396	08:49
SIMULATOR VAPOR 33.8°C	0.397	08:50
SIMULATOR VAPOR 33.7°C	0.398	08:52
SIMULATOR VAPOR 33.8°C	0.398	08:53
SIMULATOR VAPOR 33.8°C	0.398	08:54
SIMULATOR VAPOR 33.7°C	0.398	08:55
SIMULATOR VAPOR 33.7°C	0.399	08:57
SIMULATOR VAPOR 33.7°C	0.399	08:58
SIMULATOR VAPOR 33.7°C	0.398	08:59
SIMULATOR VAPOR 33.8°C	0.399	09:01
BLANK TEST	0.000	09:01

Average = 0.398
Std Dev = 0.000

L3 09/21/11



DIAGNOSTIC RESULT



DataMaster DMT: 104509
Location:
Calibration Date: 09/19/2011
Certification Date: 09/19/2011
Installation Date:
Test Date: 09/22/2011
Test Time: 10:54:15

```
VERSIONS
DMT: 1.00
PIC: 2.05
Modem: 2.1
Questions: 2.0

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube    = 47.4°C
Digital Sim    = 33.7°C

SETTINGS
Lamp Voltage   = 1.66 V
Cooler Voltage = 1.67 V
Bias Voltage   = 80 V
Chopper Freq   = 531 Hz

PUMP INFO
Flow Rate = 6.149 L/M

DETECTOR INFO
PUMP     ON         OFF
MAX(V)    0.0291     0.0323
MIN(V)    0.0278     0.0307

FILTER INFO
Filter 1   0.030  Zero = true
Filter 2   0.624  Zero = true
Filter 3   0.189  Zero = true

CALIBRATION CHECK
Xq  = 0.088  0.39%
```

ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 104509

Date: 09/22/2011
Time: 10:57:25

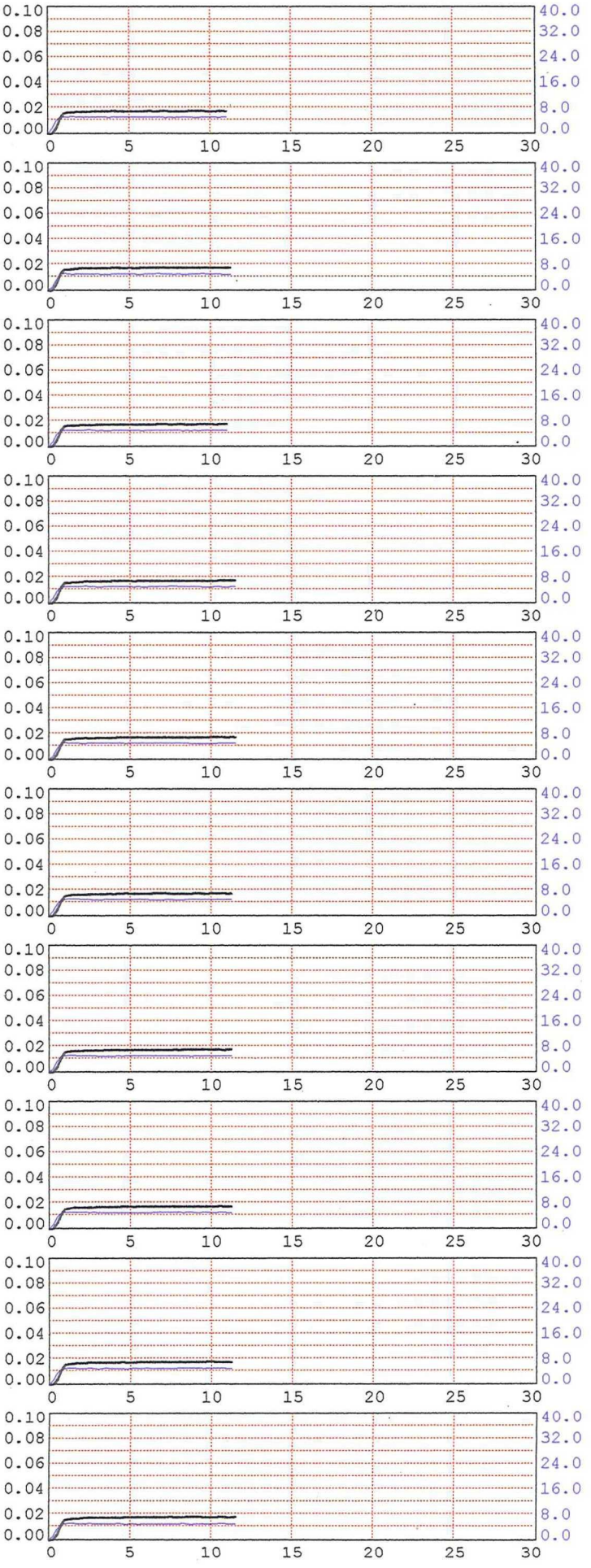
SUPERVISOR NAME:
STEVEN R MERRILL

SOLUTION LOT #: 12-07-020
SOLUTION CONCENTRATION: 0.019

BLANK TEST	0.000	10:58
CALIBRATION CHECK	PASSED	10:58
SIMULATOR VAPOR 33.8°C	0.019	10:58
SIMULATOR VAPOR 33.8°C	0.019	10:59
SIMULATOR VAPOR 33.8°C	0.019	11:00
SIMULATOR VAPOR 33.8°C	0.019	11:01
SIMULATOR VAPOR 33.8°C	0.019	11:02
SIMULATOR VAPOR 33.8°C	0.019	11:03
SIMULATOR VAPOR 33.8°C	0.019	11:04
SIMULATOR VAPOR 33.8°C	0.019	11:05
SIMULATOR VAPOR 33.8°C	0.019	11:06
SIMULATOR VAPOR 33.8°C	0.019	11:08
BLANK TEST	0.000	11:08

Average = 0.019
Std Dev = 0.000

LY 09/22/11 SM



ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 104509

Date: 09/22/2011
Time: 11:26:04

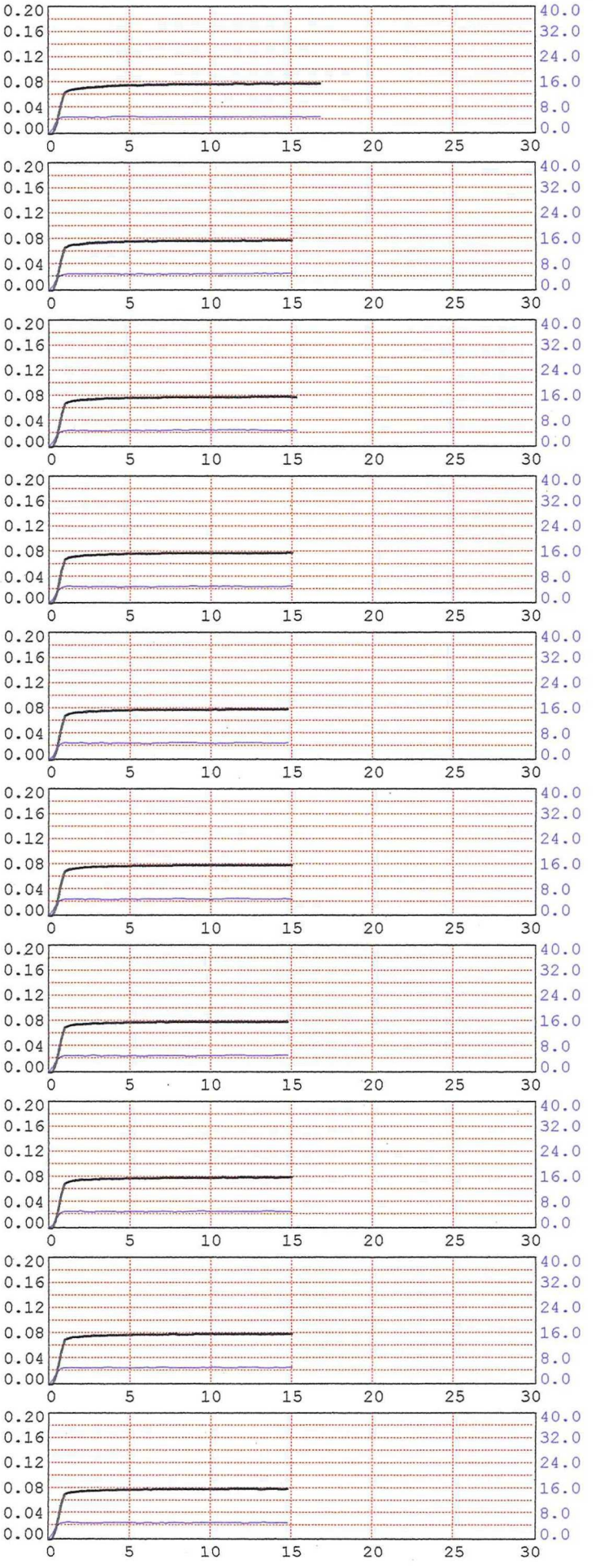
SUPERVISOR NAME:
STEVEN R MERRILL

SOLUTION LOT #: 12-11-080
SOLUTION CONCENTRATION: 0.080

BLANK TEST	0.000	11:26
CALIBRATION CHECK	PASSED	11:27
SIMULATOR VAPOR 33.8°C	0.079	11:27
SIMULATOR VAPOR 33.8°C	0.078	11:28
SIMULATOR VAPOR 33.8°C	0.079	11:29
SIMULATOR VAPOR 33.8°C	0.079	11:30
SIMULATOR VAPOR 33.7°C	0.080	11:31
SIMULATOR VAPOR 33.8°C	0.080	11:32
SIMULATOR VAPOR 33.8°C	0.080	11:34
SIMULATOR VAPOR 33.8°C	0.080	11:35
SIMULATOR VAPOR 33.8°C	0.080	11:36
SIMULATOR VAPOR 33.8°C	0.080	11:37
BLANK TEST	0.000	11:38

Average = 0.079
Std Dev = 0.000

L4 09/22/11



ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 104509

Date: 09/22/2011
Time: 11:40:51

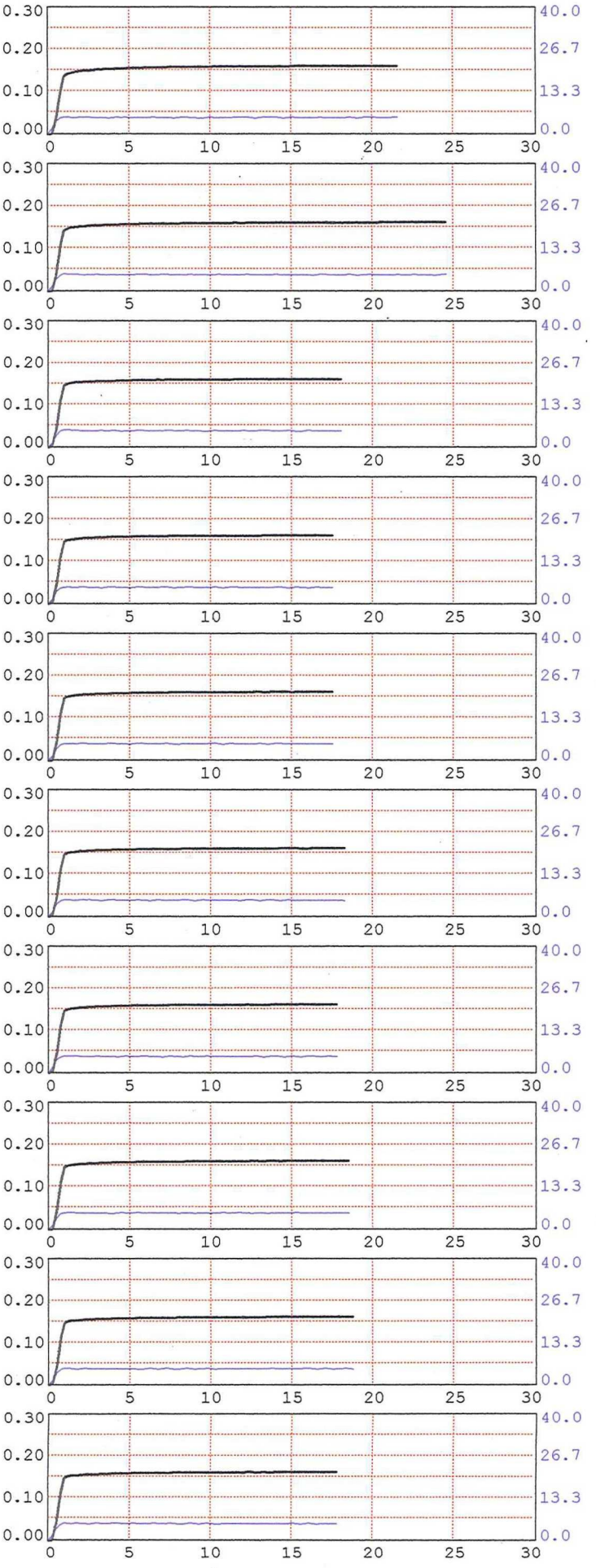
SUPERVISOR NAME:
STEVEN R MERRILL

SOLUTION LOT #: 12-12-160
SOLUTION CONCENTRATION: 0.161

BLANK TEST	0.000	11:41
CALIBRATION CHECK	PASSED	11:41
SIMULATOR VAPOR 33.8°C	0.161	11:42
SIMULATOR VAPOR 33.8°C	0.162	11:43
SIMULATOR VAPOR 33.8°C	0.162	11:44
SIMULATOR VAPOR 33.7°C	0.162	11:45
SIMULATOR VAPOR 33.8°C	0.162	11:47
SIMULATOR VAPOR 33.8°C	0.162	11:48
SIMULATOR VAPOR 33.8°C	0.162	11:49
SIMULATOR VAPOR 33.8°C	0.162	11:50
SIMULATOR VAPOR 33.8°C	0.162	11:51
SIMULATOR VAPOR 33.8°C	0.162	11:52
BLANK TEST	0.000	11:53

Average = 0.161
Std Dev = 0.000

LY 09/22/11 SRM



ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 104509

Date: 09/22/2011
Time: 12:24:11

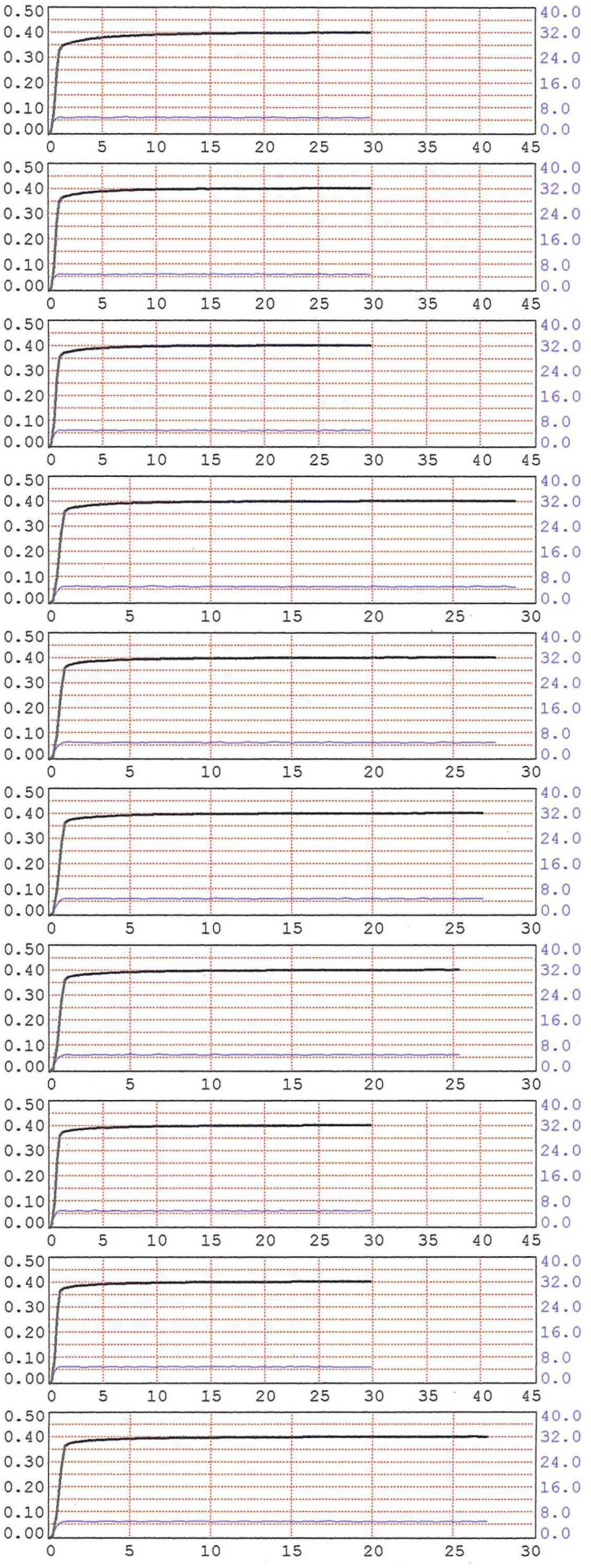
SUPERVISOR NAME:
STEVEN R MERRILL

SOLUTION LOT #: 12-15-400
SOLUTION CONCENTRATION: 0.400

BLANK TEST	0.000	12:25
CALIBRATION CHECK	PASSED	12:25
SIMULATOR VAPOR 33.8°C	0.399	12:25
SIMULATOR VAPOR 33.7°C	0.401	12:27
SIMULATOR VAPOR 33.7°C	0.402	12:28
SIMULATOR VAPOR 33.8°C	0.402	12:29
SIMULATOR VAPOR 33.8°C	0.401	12:31
SIMULATOR VAPOR 33.8°C	0.401	12:32
SIMULATOR VAPOR 33.8°C	0.401	12:33
SIMULATOR VAPOR 33.8°C	0.402	12:35
SIMULATOR VAPOR 33.8°C	0.402	12:36
SIMULATOR VAPOR 33.8°C	0.401	12:38
BLANK TEST	0.000	12:38

Average = 0.401
Std Dev = 0.000

L4 09/22/11



DIAGNOSTIC RESULT

DataMaster DMT: 104509
Location:
Calibration Date: 09/19/2011
Certification Date: 09/19/2011
Installation Date:
Test Date: 09/23/2011
Test Time: 07:48:50

```
VERSIONS
DMT: 1.00
PIC: 2.05
Modem: 2.1
Questions: 2.0

TEMPERATURES

Sample Chamber = 48.9°C
Breath Tube    = 48.1°C
Digital Sim    = 0.0°C

SETTINGS
Lamp Voltage   = 1.66 V
Cooler Voltage = 1.67 V
Bias Voltage   = 80 V
Chopper Freq   = 533 Hz

PUMP INFO
Flow Rate = 6.180 L/M

DETECTOR INFO
PUMP     ON         OFF
MAX(V)    0.0413     0.0441
MIN(V)    0.0398     0.0421

FILTER INFO
Filter 1   0.043  Zero = true
Filter 2   0.633  Zero = true
Filter 3   0.206  Zero = true

CALIBRATION CHECK
Xq  = 0.089  0.00%
```

DIAGNOSTIC RESULT

DataMaster DMT: 104509
Location:
Calibration Date: 09/19/2011
Certification Date: 09/19/2011
Installation Date:
Test Date: 09/23/2011
Test Time: 09:04:55

VERSIONS
DMT: 1.00
PIC: 2.05
Modem: 2.1
Questions: 2.0

TEMPERATURES

Sample Chamber = 48.7°C
Breath Tube = 48.1°C
Digital Sim = 0.0°C

SETTINGS
Lamp Voltage = 1.66 V
Cooler Voltage = 1.67 V
Bias Voltage = 80 V
Chopper Freq = 533 Hz

PUMP INFO
Flow Rate = 6.060 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.0407	0.0433
MIN(V)	0.0390	0.0419

FILTER INFO
Filter 1 0.042 Zero = true
Filter 2 0.632 Zero = true
Filter 3 0.203 Zero = true

CALIBRATION CHECK
Xq = 0.088 0.39%

ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 104509

Date: 09/23/2011
Time: 09:08:22

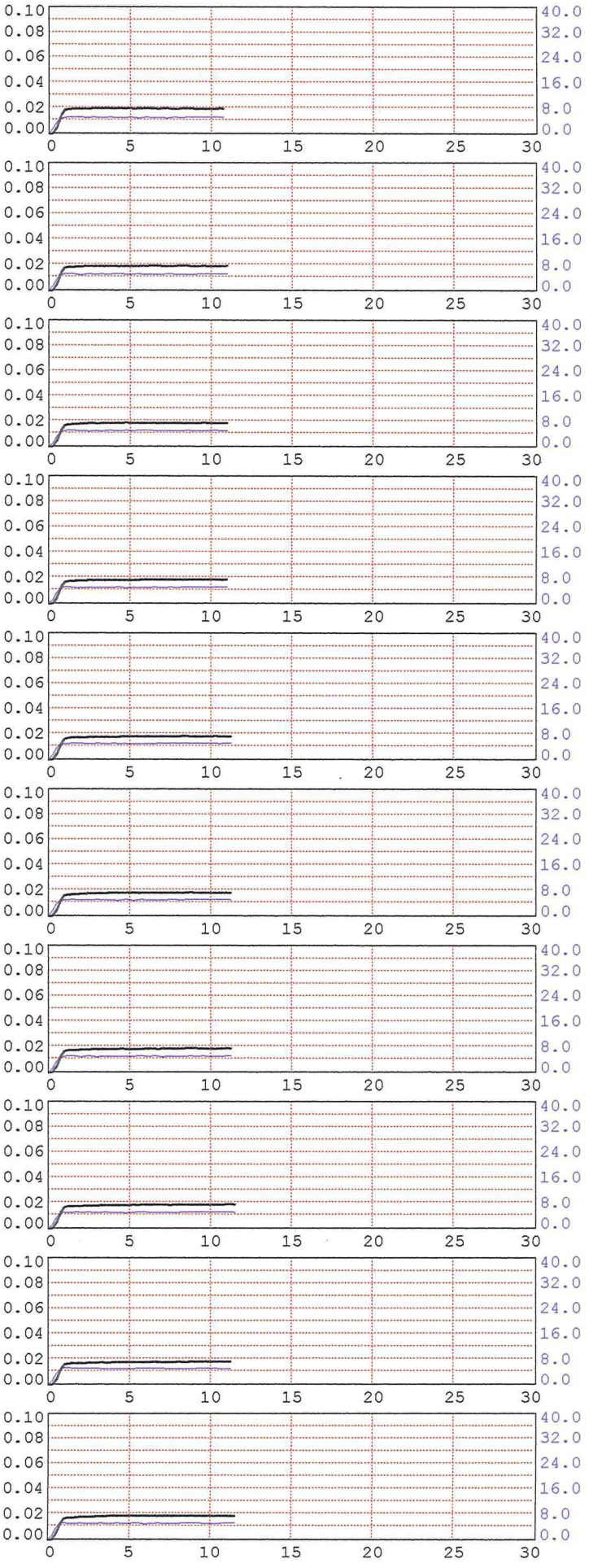
SUPERVISOR NAME:
STEVEN R MERRILL

SOLUTION LOT #: 12-14-020
SOLUTION CONCENTRATION: 0.019

BLANK TEST	0.000	09:09
CALIBRATION CHECK	PASSED	09:09
SIMULATOR VAPOR 33.7°C	0.021	09:09
SIMULATOR VAPOR 33.7°C	0.020	09:10
SIMULATOR VAPOR 33.7°C	0.020	09:11
SIMULATOR VAPOR 33.7°C	0.020	09:12
SIMULATOR VAPOR 33.7°C	0.019	09:13
SIMULATOR VAPOR 33.7°C	0.019	09:14
SIMULATOR VAPOR 33.7°C	0.020	09:15
SIMULATOR VAPOR 33.6°C	0.019	09:16
SIMULATOR VAPOR 33.7°C	0.019	09:17
SIMULATOR VAPOR 33.6°C	0.020	09:18
BLANK TEST	0.000	09:19

Average = 0.019
Std Dev = 0.000

LS (Reb) 09/23/11 SM



ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 104509

Date: 09/23/2011
Time: 09:45:44

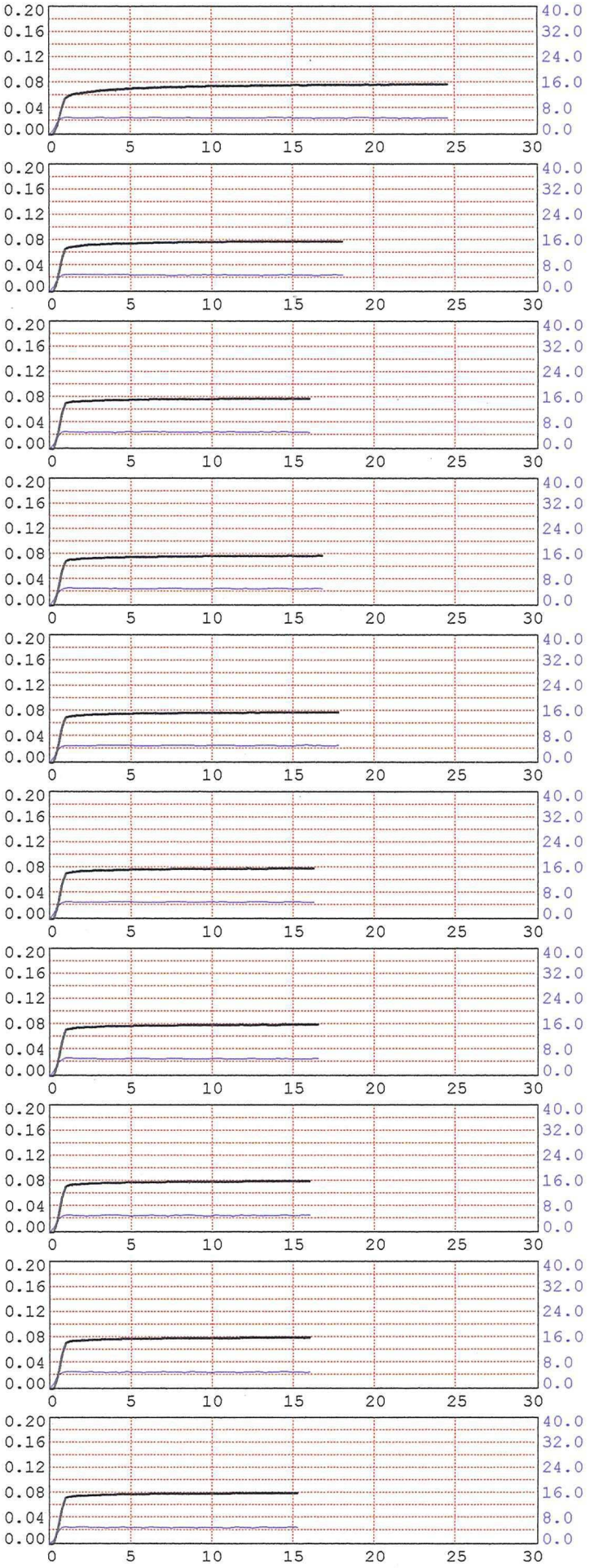
SUPERVISOR NAME:
STEVEN R MERRILL

SOLUTION LOT #: 12-16-080
SOLUTION CONCENTRATION: 0.080

BLANK TEST	0.000	09:46
CALIBRATION CHECK	PASSED	09:46
SIMULATOR VAPOR 33.7°C	0.078	09:47
SIMULATOR VAPOR 33.7°C	0.079	09:48
SIMULATOR VAPOR 33.7°C	0.079	09:49
SIMULATOR VAPOR 33.7°C	0.079	09:50
SIMULATOR VAPOR 33.7°C	0.079	09:51
SIMULATOR VAPOR 33.7°C	0.079	09:53
SIMULATOR VAPOR 33.7°C	0.080	09:54
SIMULATOR VAPOR 33.6°C	0.080	09:55
SIMULATOR VAPOR 33.7°C	0.080	09:56
SIMULATOR VAPOR 33.7°C	0.080	09:57
BLANK TEST	0.000	09:58

Average = 0.079
Std Dev = 0.000

L5 (Redo) 09/23/11 sm



ACCURACY & PRECISION REPORT

STATE OF VERMONT

DataMater DMT: 104509

Date: 09/23/2011
Time: 10:03:29

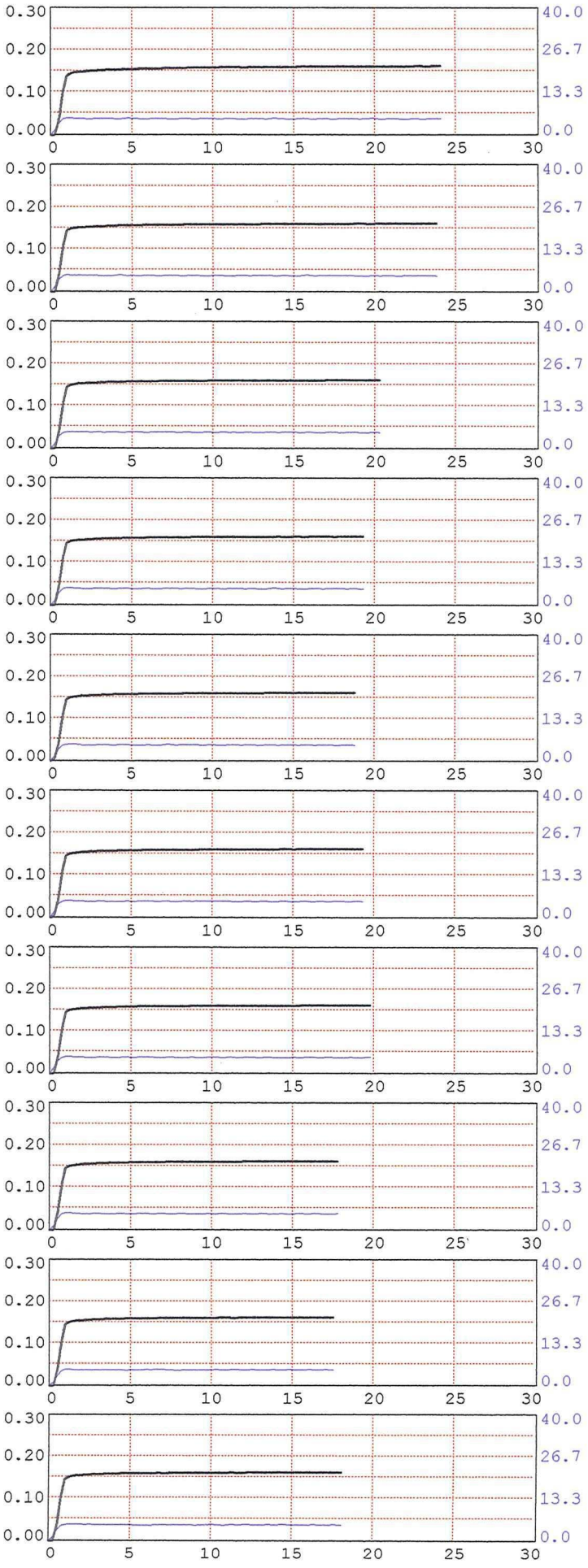
SUPERVISOR NAME:
STEVEN R MERRILL

SOLUTION LOT #: 12-12-160
SOLUTION CONCENTRATION: 0.161

BLANK TEST	0.000	10:04
CALIBRATION CHECK	PASSED	10:04
SIMULATOR VAPOR 33.7°C	0.161	10:04
SIMULATOR VAPOR 33.7°C	0.162	10:06
SIMULATOR VAPOR 33.7°C	0.162	10:07
SIMULATOR VAPOR 33.7°C	0.162	10:08
SIMULATOR VAPOR 33.7°C	0.162	10:09
SIMULATOR VAPOR 33.7°C	0.162	10:11
SIMULATOR VAPOR 33.6°C	0.162	10:12
SIMULATOR VAPOR 33.7°C	0.162	10:13
SIMULATOR VAPOR 33.7°C	0.162	10:14
SIMULATOR VAPOR 33.7°C	0.162	10:15
BLANK TEST	0.000	10:16

Average = 0.161
Std Dev = 0.000

LS (Redo) 09/23/11 SM



ACCURACY & PRECISION REPORT

STATE OF VERMONT

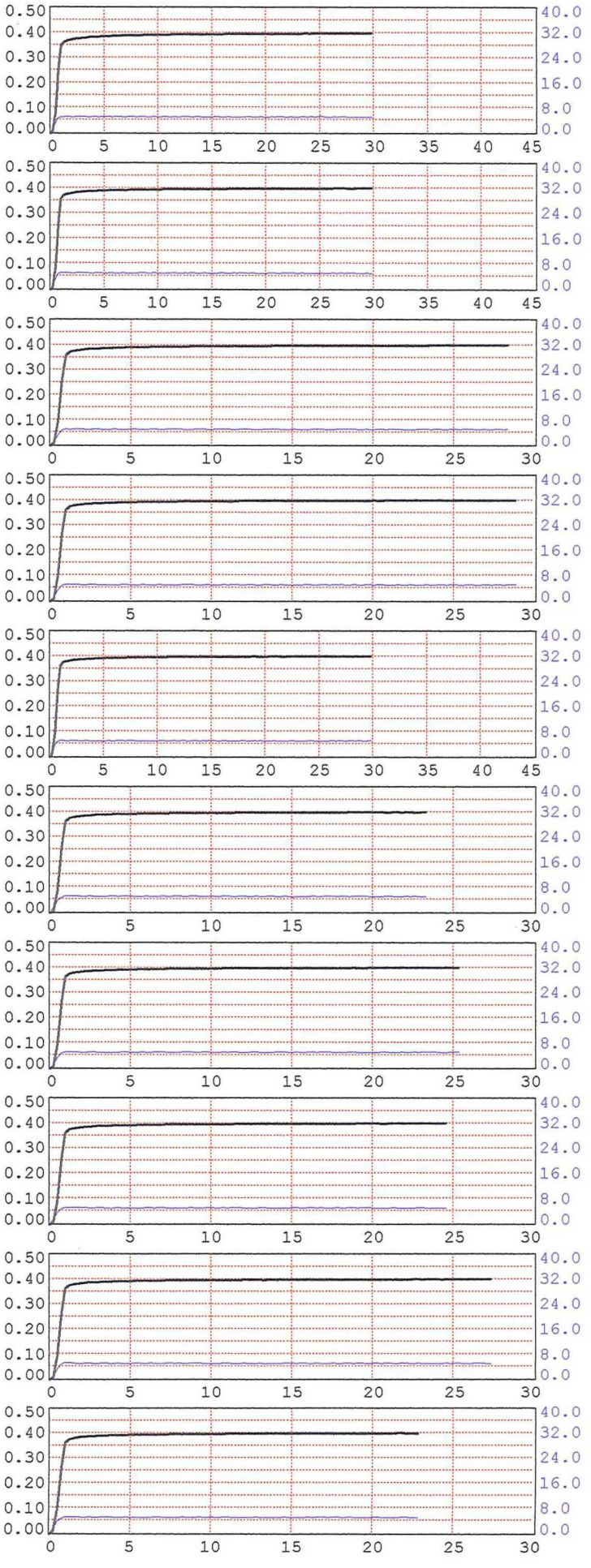
DataMater DMT: 104509

Date: 09/23/2011
Time: 10:20:50

SUPERVISOR NAME:
STEVEN R MERRILL

SOLUTION LOT #: 12-15-400
SOLUTION CONCENTRATION: 0.400

BLANK TEST	0.000	10:21
CALIBRATION CHECK	PASSED	10:21
SIMULATOR VAPOR 33.7°C	0.395	10:22
SIMULATOR VAPOR 33.7°C	0.397	10:23
SIMULATOR VAPOR 33.7°C	0.397	10:25
SIMULATOR VAPOR 33.6°C	0.398	10:26
SIMULATOR VAPOR 33.7°C	0.398	10:27
SIMULATOR VAPOR 33.7°C	0.397	10:29
SIMULATOR VAPOR 33.7°C	0.397	10:30
SIMULATOR VAPOR 33.7°C	0.397	10:31
SIMULATOR VAPOR 33.6°C	0.397	10:33
SIMULATOR VAPOR 33.6°C	0.397	10:34
BLANK TEST	0.000	10:35

Average = 0.397
Std Dev = 0.000

LS (Acc) 09/23/11 SM