VERMONT FORENSIC LABORATORY

PO BOX 47
WATERBURY, VERMONT 05676-0047
TEL: 802-244-8788
FAX: 802-241-5557
http://vfl.vermont.gov

DATAMASTER TECHNICAL SUPPORT INQUIRY

Agency/Site: VSP New Haven **DataMaster Serial #:** 123306

Date: 1/3 /2013 Requestor: R. Driscoll

Instrument Supervisor: Stephanie Taylor Phone #:

Taken By: A. Bolduc

Problem: While attempting to fix a leaking simulator during the annual preventative maintenance, a wire was accidentally broken

Laboratory Response:

Work Performed: Replaced the simulator and performed an Installation protocol to satisfy both the APM and simulator solution change.

☒ On Site ☐ In-house Attachments: 1 pages

Performed By: A. Bolduc Date: 1/4/13
Final Review: Date: 1/7/2013

INSTALLATION REPORT

DataMaster DMT: 123306
Location: New Haven VSP
Calibration Date: 12/23/2011
Certification Date: 12/23/2011
Installation Date: 01/03/2013
Installed by: AMANDA BOLDUC

Default Options Loaded

Diagnostic Results

VERSIONS
DMT: 1.01
PIC: 2.05
Modem: 2.4
Questions: 2.1

TEMPERATURES

Sample Chamber = 49.0°C
Breath Tube = 48.1°C
Digital Sim = 33.9°C

SETTINGS
Lamp Voltage = 1.66 V
Cooler Voltage = 1.77 V
Bias Voltage = 80 V
Chopper Freq = 542 Hz

PUMP INFO
Flow Rate = 4.916 L/M

DETECTOR INFO

PUMP	ON	OFF
MAX(V)	0.3226	0.3268
MIN(V)	0.3213	0.3244

FILTER INFO

Filter 1	0.326	Zero = true
Filter 2	0.784	Zero = true
Filter 3	1.383	Zero = true

CALIBRATION CHECK
Xq = 0.126 0.35%

Accuracy and Precision Check

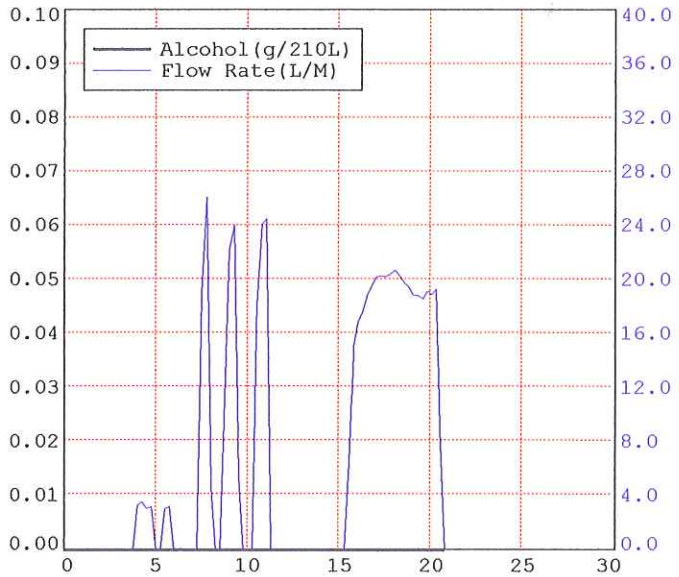
Concentration	= 0.098 g/210L
Lot #	= 12-73-100
Range	= 0.093 - 0.103
Average	= 0.100 g/210L
Std Dev	= 0.0000

RF Detection Test

Passed

Sample Acceptance Test

Passed



INSTALLATION PASSED

Performed by [signature] **Date** 01/03/2013

Reviewed by [signature] **Date** 1/7/2013