Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB 503A Liquid Processor/Dilutor Serial Number: MD96BC1382/MD94AM10010

Run Date(s): 2/22/17-2/23/17

Volatiles Quality Assurance Controls

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-18	1407031	0.0780	0.0702 - 0.0858	0.0761 g/100cc
					0.0773 g/100cc
					g/100cc
Level 2	Jul-18	1407032	0.2020	0.1818 - 0.2222	0.2027 g/100cc
					0.2049 g/100cc
					g/100cc

Multi-Component mixture:	Exp date: Oct 2019	Lot #	FN09231404	OK
Curve Fit:	Column 1	1.00000	Column2	0.99993

Ethanol Calibration Reference Material

Calibrator level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
0.050	Jul-19	FN06231406	0.050	0.045 - 0.055	0.0501	0.0524	0.0023	0.0512
0.080			0.080	0.072 - 0.088			0	#DIV/0!
0.100	Jun-20	FN06181501	0.100	0.090 - 0.110	0.1004	0.0997	0.0007	0.1
0.200	Mar-17	FN032712-01	0.200	0.180 - 0.220	0.1993	0.1982	0.0011	0.1987
0.300	Jun-20	FN06051501	0.300	0.270 - 0.330	0.3000	0.2979	0.0021	0.2989
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Aug-19	FN07031402	0.500	0.450 - 0.550	0.5002	0.5018	0.0016	0.501

Aqueous Controls

Control level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Overall Results
0.080	Nov-20	FN10281510	0.08000	0.076 - 0.084	0.081 g/100cc

~Any information on this document can be changed for laboratory use, except for the precision and mean determination fomulas.

Issued: 4/22/2015

Volatiles QA/QC data spreadsheet Rev 5

Issuing Authority: Quality Manager

NB

2/23/2017

Worklist: 1558

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
M2017-0444	3	77452	Alcohol Analysis
M2017-0518	1	76011	Alcohol Analysis
M2017-0553	1	76084	Alcohol Analysis
M2017-0623	1	76540	Alcohol Analysis
M2017-0624	1	76541	Alcohol Analysis
M2017-0629	1	77453	Alcohol Analysis
M2017-0637	1	76610	Alcohol Analysis
M2017-0653	1	76659	Alcohol Analysis
M2017-0660	1	76672	Alcohol Analysis
M2017-0661	1	76676	Alcohol Analysis
M2017-0682	2	76729	Alcohol Analysis
M2017-0684	1	76746	Alcohol Analysis
M2017-0705	1	76801	Alcohol Analysis
M2017-0706	1	76805	Alcohol Analysis
M2017-0707	1	76806	Alcohol Analysis
M2017-0711	1	76904	Alcohol Analysis
M2017-0712	1	76908	Alcohol Analysis
M2017-0726	1	76989	Alcohol Analysis
M2017-0727	1	76993	Alcohol Analysis
M2017-0739	1	77197	Alcohol Analysis
M2017-0741	1	77202	Alcohol Analysis
M2017-0747	1	77271	Alcohol Analysis

Method C:\CHEM32\1\METHODS\ALCOHOL.M

Calibration Table

General Calibration Setting

Calib. Data Modified : Wednesday, February 22, 2017 1:42:49 PM
Signals calculated separately : No

Rel. Reference Window : 0.000 %
Abs. Reference Window : 0.100 min
Rel. Non-ref. Window : 0.000 %
Abs. Non-ref. Window : 0.100 min
Uncalibrated Peaks : not reported
Partial Calibration : Yes, identified peaks are recalibrated
Correct All Ret. Times: No, only for identified peaks

Curve Type : Linear
Origin : Ignored
Weight : Equal

Recalibration Settings:
Average Response : Average all calibrations
Average Retention Time: Floating Average New 75%

Calibration Report Options :
Printout of recalibrations within a sequence:
Calibration Table after Recalibration
Normal Report after Recalibration
If the sequence is done with bracketing:
Results of first cycle (ending previous bracket)

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100cc]	Name
1	1.00000	n-propanol
2	1.00000	n-propanol

Signal Details

Signal 1: FID1 A, Front Signal
Signal 2: FID2 B, Back Signal

Overview Table

NB

Method C:\CHEM32\1\METHODS\ALCOHOL.M

RT	Sig	Lvl	Amount [g/100cc]	Area	Rsp.Factor	Ref	ISTD	#	Compound
2.586	1	1	1.00000	3.69669	2.70512e-1	No	No	1	methanol
3.072	1	1	5.00000e-2	4.24364	1.17823e-2	No	No	1	ethanol
		2	1.00000e-1	8.72613	1.14598e-2				
		3	2.00000e-1	17.57187	1.13818e-2				
		4	3.00000e-1	26.50363	1.13192e-2				
		5	5.00000e-1	43.58089	1.14729e-2				
3.388	2	1	1.00000	4.26062	2.34707e-1	No	No	2	methanol
3.628	1	1	1.00000	9.73055	1.02769e-1	No	No	1	isopropyl alcohol
4.282	2	1	5.00000e-2	4.22950	1.18217e-2	No	No	2	ethanol
		2	1.00000e-1	8.68541	1.15136e-2				
		3	2.00000e-1	17.86057	1.11979e-2				
		4	3.00000e-1	27.19230	1.10325e-2				
		5	5.00000e-1	45.39256	1.10150e-2				
4.308	1	1	1.00000	6.49940	1.53860e-1	No	No	1	acetone
4.619	1	1	1.00000	41.53079	2.40785e-2	No	Yes	1	n-propanol
		2	1.00000	42.11140	2.37465e-2				
		3	1.00000	42.46959	2.35463e-2				
		4	1.00000	42.45809	2.35526e-2				
		5	1.00000	41.80270	2.39219e-2				
4.661	2	1	1.00000	6.89301	1.45075e-1	No	No	2	acetone
4.969	2	1	1.00000	10.70642	9.34019e-2	No	No	2	isopropyl alcohol
7.553	2	1	1.00000	42.28305	2.36501e-2	No	Yes	2	n-propanol
		2	1.00000	42.57246	2.34894e-2				
		3	1.00000	42.44277	2.35611e-2				
		4	1.00000	42.48214	2.35393e-2				
		5	1.00000	41.68902	2.39871e-2				

Peak Sum Table

No Entries in table

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1 Warnings or Errors :

Warning : Curve requires more calibration points., (methanol)

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Calibration Curves

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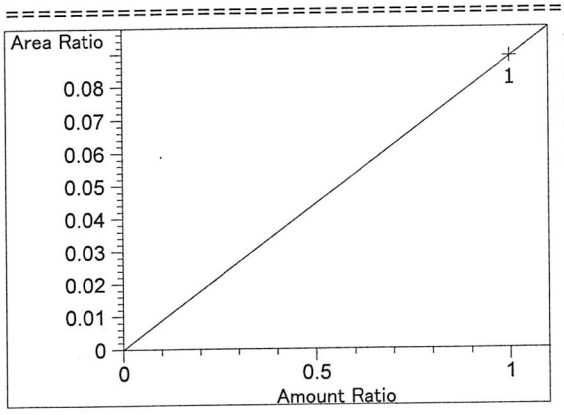
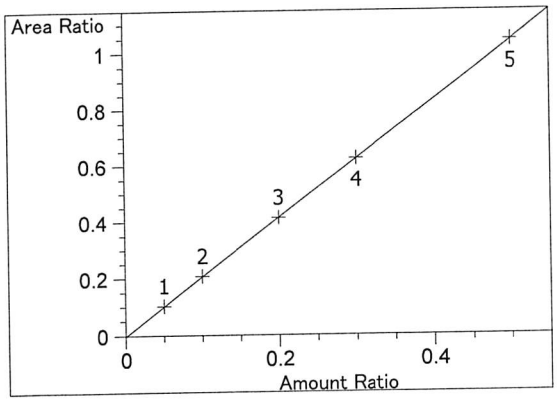


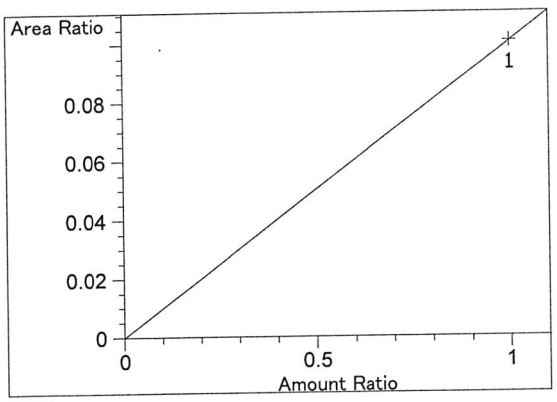
methanol at exp. RT: 2.586
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 8.90109e-2
b: 0.00000
x: Amount Ratio
y: Area Ratio

NB

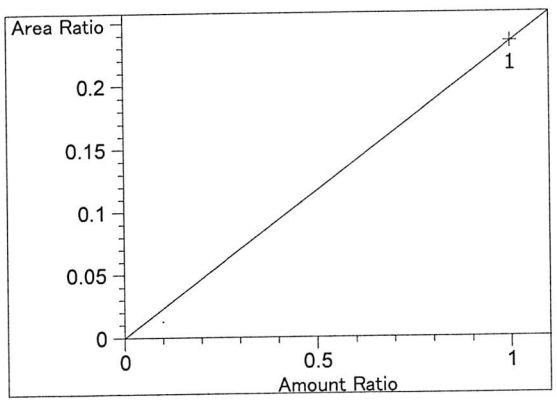
Method C:\CHEM32\1\METHODS\ALCOHOL.M



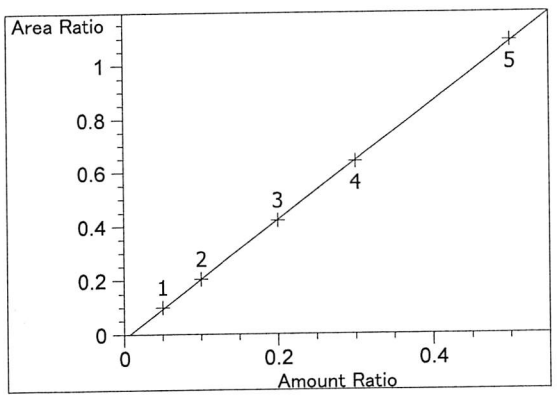
ethanol at exp. RT: 3.072
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00106
Formula: y = mx + b
m: 2.08936
b: -2.56984e-3
x: Amount Ratio
y: Area Ratio



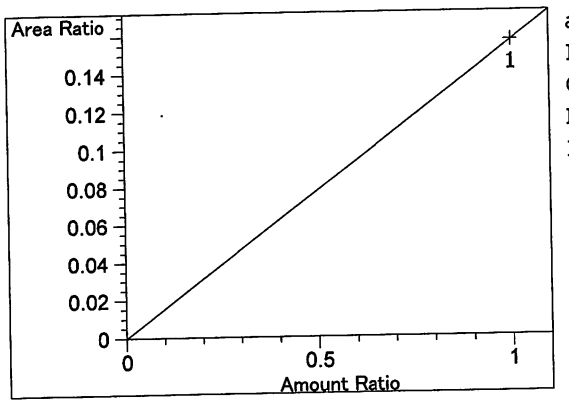
methanol at exp. RT: 3.388
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00764e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



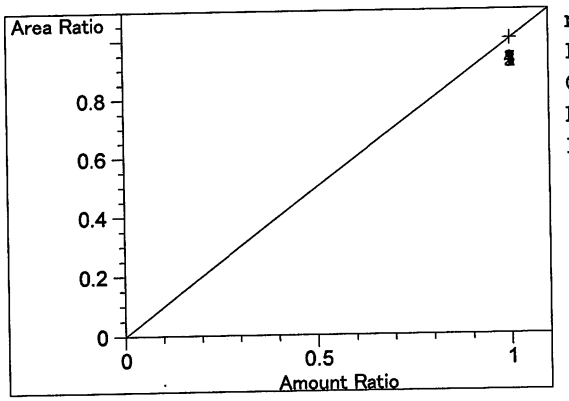
isopropyl alcohol at exp. RT: 3.628
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.34297e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



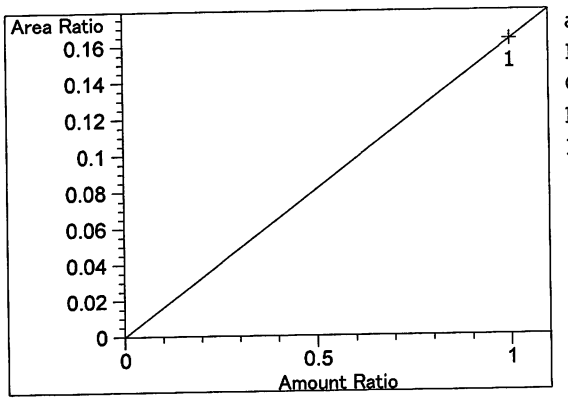
ethanol at exp. RT: 4.282
FID2 B, Back Signal
Correlation: 0.99993
Residual Std. Dev.: 0.00524
Formula: y = mx + b
m: 2.20032
b: -1.53165e-2
x: Amount Ratio
y: Area Ratio



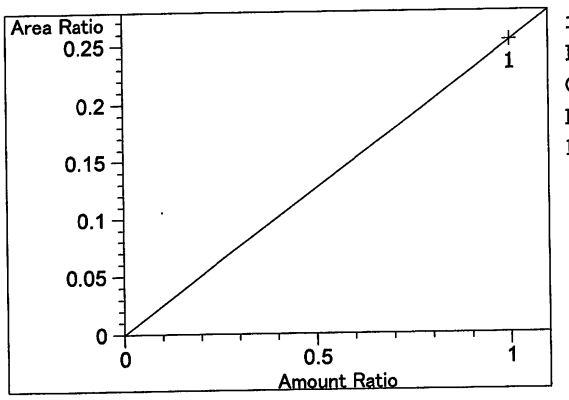
acetone at exp. RT: 4.308
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.56496e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



n-propanol at exp. RT: 4.619
FID1 A, Front Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

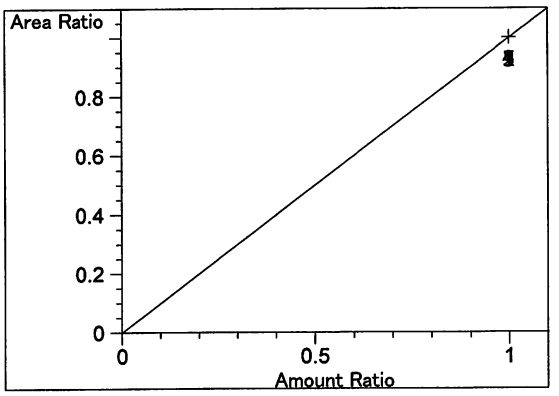


acetone at exp. RT: 4.661
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.63021e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio



isopropyl alcohol at exp. RT: 4.969
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 2.53208e-1
b: 0.00000
x: Amount Ratio
y: Area Ratio

Method C:\CHEM32\1\METHODS\ALCOHOL.M

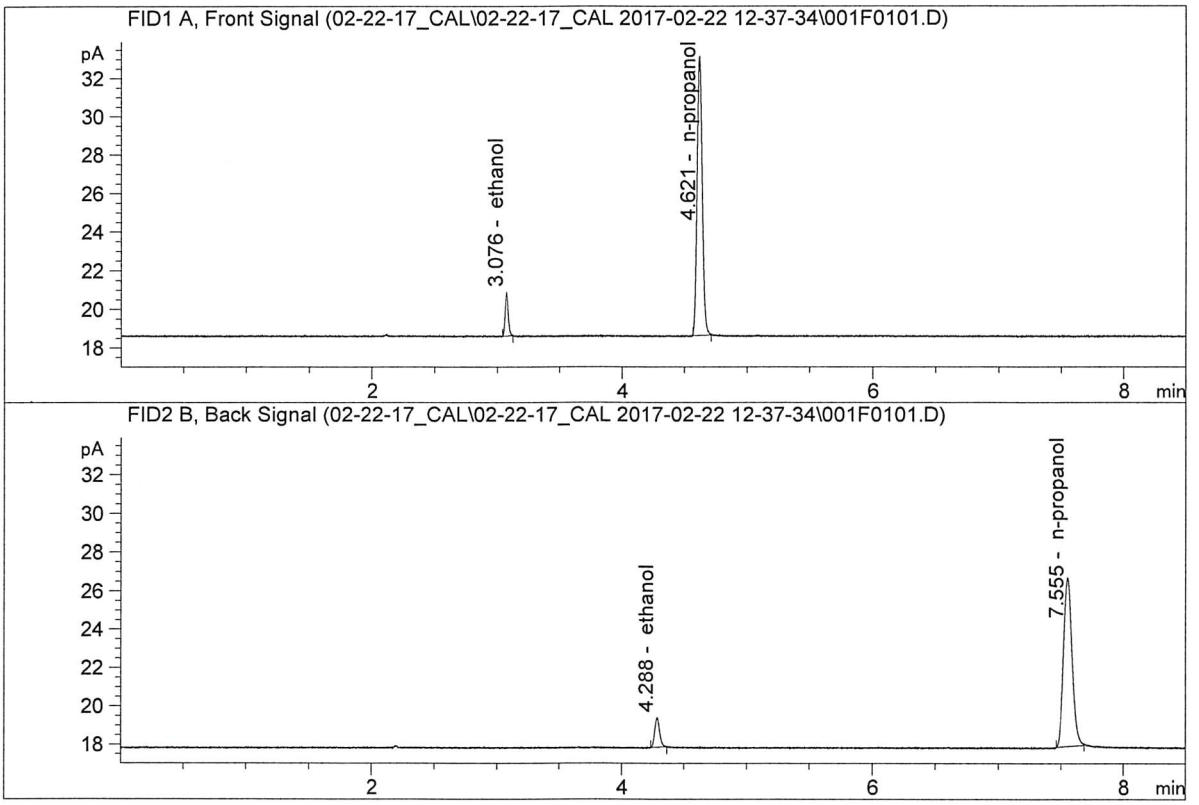


n-propanol at exp. RT: 7.553
FID2 B, Back Signal
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.050 FN06231406
Laboratory : Meridian
Injection Date : Feb 22, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

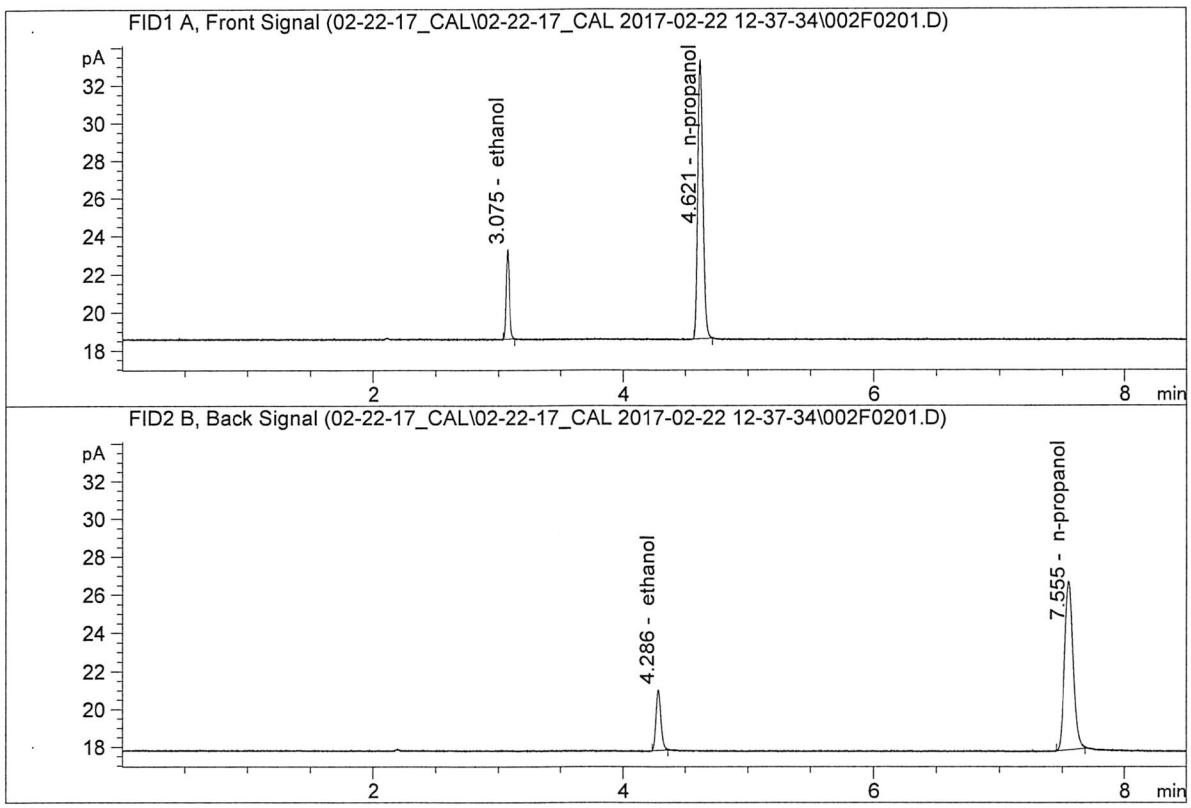


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	4.24364	0.0501	g/100cc
2.	Ethanol	Column 2:	4.22950	0.0524	g/100cc
3.	n-Propanol	Column 1:	41.53079	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.28305	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

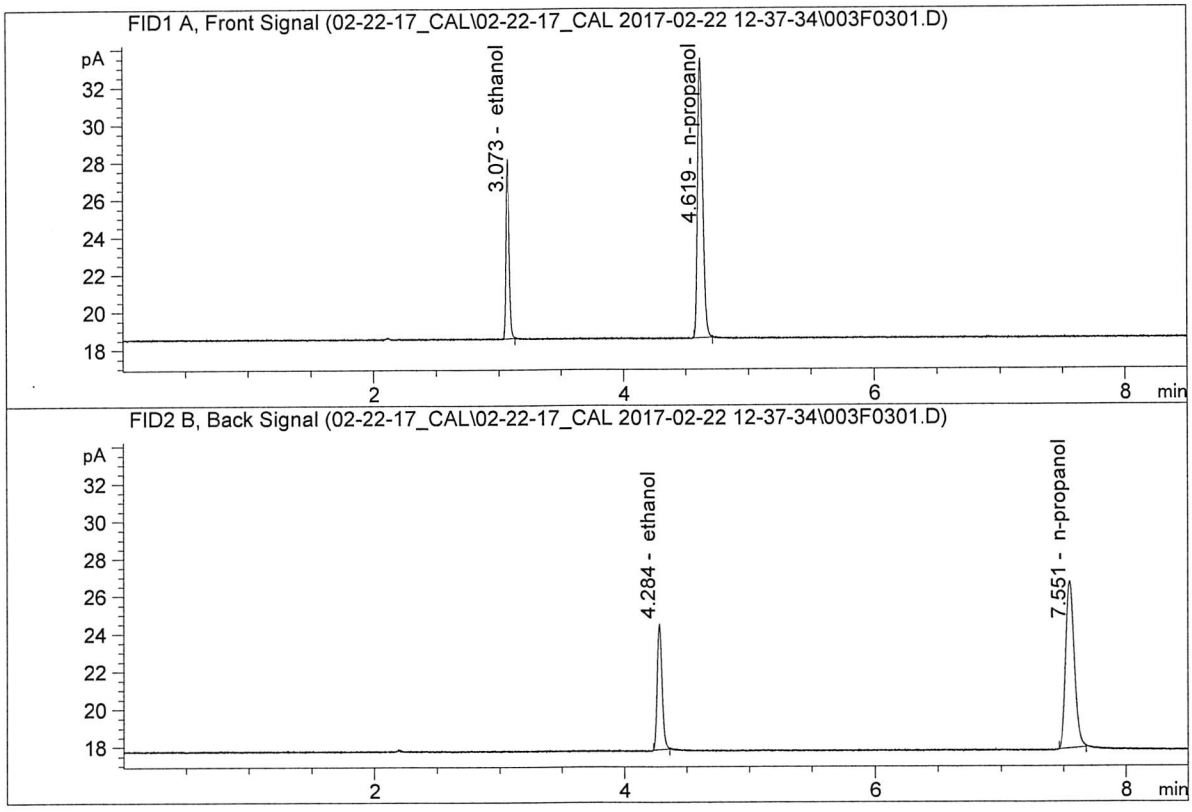
Sample Name : 0.100 FN06181501
Laboratory : Meridian
Injection Date : Feb 22, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.72613	0.1004	g/100cc
2.	Ethanol	Column 2:	8.68541	0.0997	g/100cc
3.	n-Propanol	Column 1:	42.11140	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.57246	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

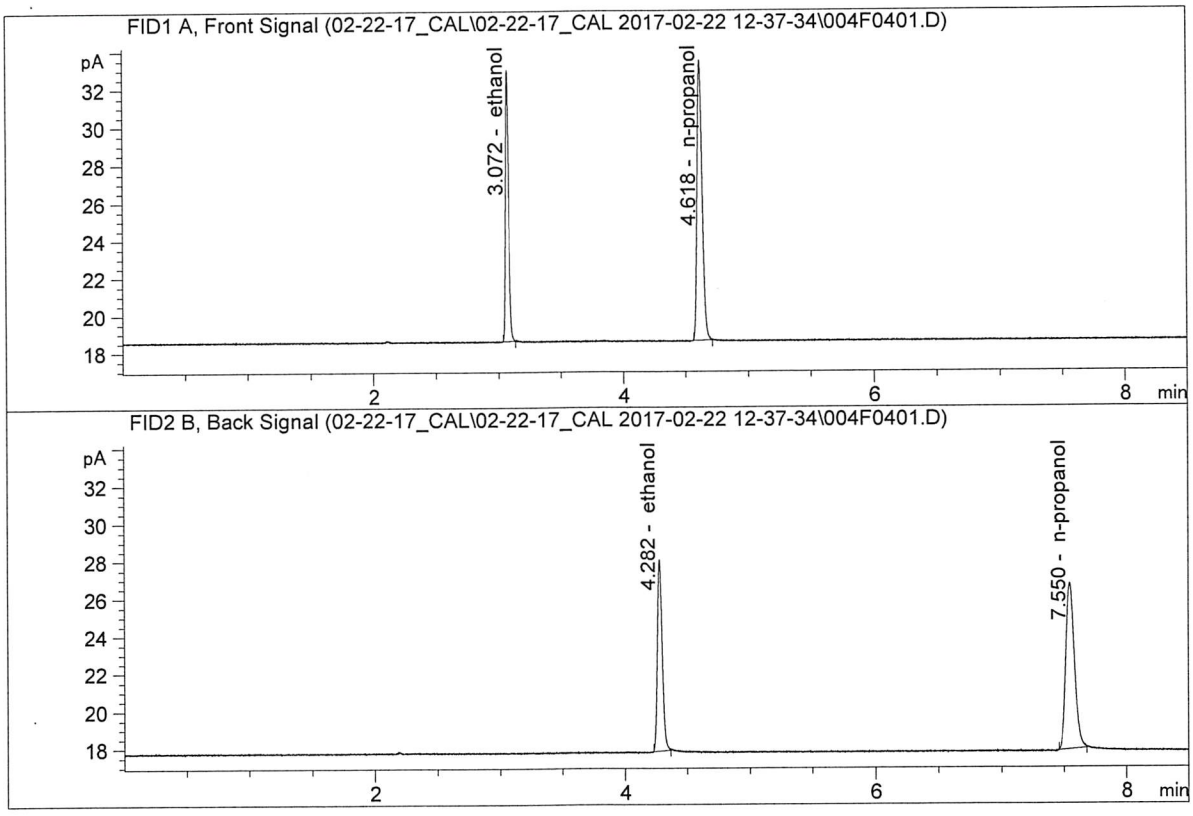
Sample Name : 0.200 FN032712-01
Laboratory : Meridian
Injection Date : Feb 22, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.57187	0.1993	g/100cc
2.	Ethanol	Column 2:	17.86057	0.1982	g/100cc
3.	n-Propanol	Column 1:	42.46959	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.44277	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.300 FN06051501
Laboratory : Meridian
Injection Date : Feb 22, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

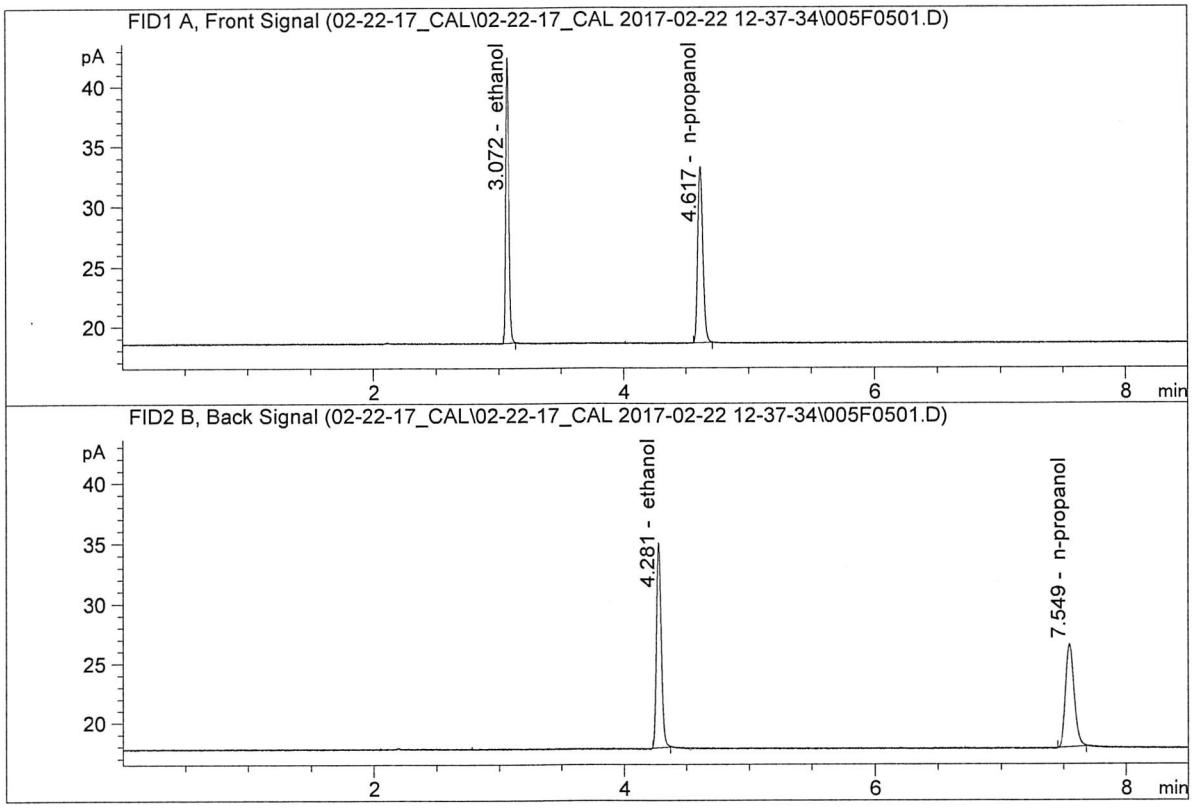


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	26.50363	0.3000	g/100cc
2.	Ethanol	Column 2:	27.19230	0.2979	g/100cc
3.	n-Propanol	Column 1:	42.45809	1.0000	g/100cc
4.	n-Propanol	Column 2:	42.48214	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

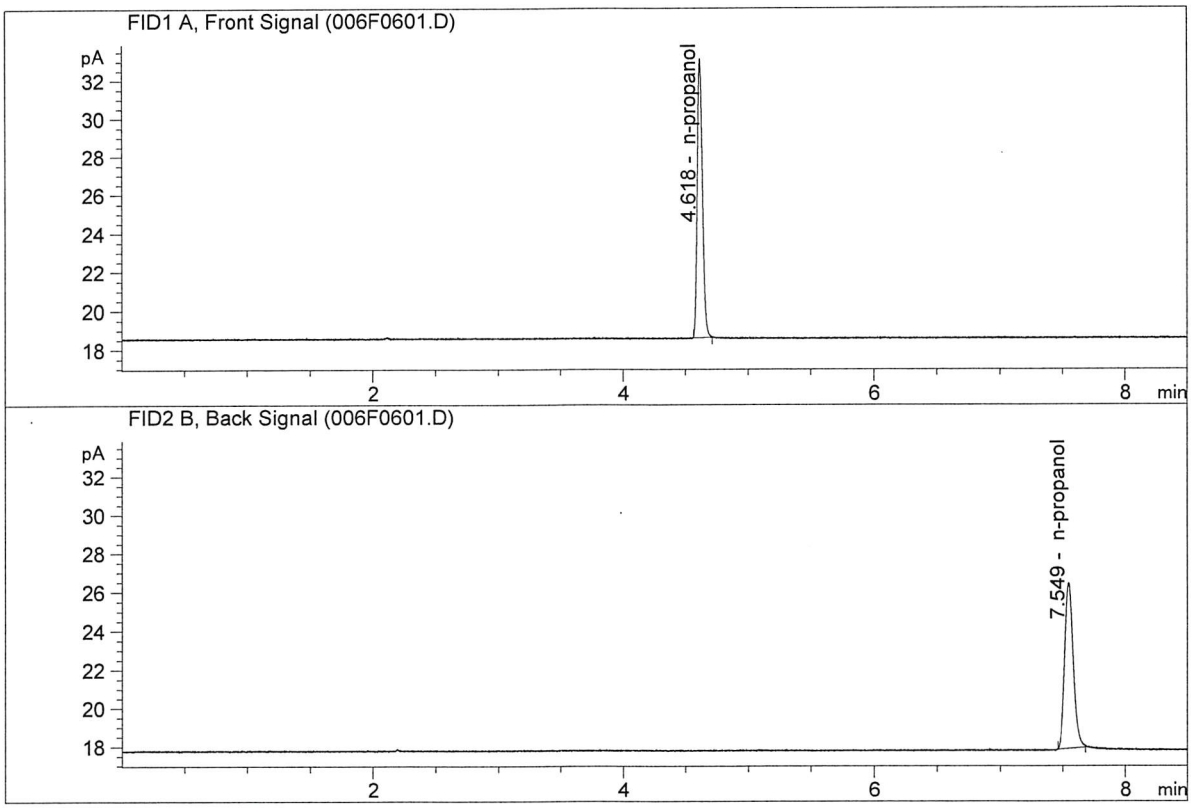
Sample Name : 0.500 FN07031402
Laboratory : Meridian
Injection Date : Feb 22, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	43.58089	0.5002	g/100cc
2.	Ethanol	Column 2:	45.39256	0.5018	g/100cc
3.	n-Propanol	Column 1:	41.80270	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.68902	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STANDARD BLANK
Laboratory : Meridian
Injection Date : Feb 22, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	41.46313	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.18909	1.0000	g/100cc

NB

Sequence File C:\Chem32\1\Data\02-22-17_CAL\02-22-17_CAL 2017-02-22 12-37-34\02-22-17_CAL.S

Sample Summary

Sequence table: C:\Chem32\1\Data\02-22-17_CAL\02-22-17_CAL 2017-02-22 12-37-34\02-22-17_CAL.S
Data directory path: C:\Chem32\1\Data\02-22-17_CAL\02-22-17_CAL 2017-02-22 12-37-34\
Logbook: C:\Chem32\1\Data\02-22-17_CAL\02-22-17_CAL 2017-02-22 12-37-34\02-22-17_CAL.LOG
Sequence start: 2/22/2017 12:52:11 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\02-22-17_CAL\02-22-17_CAL 2017-02-22 12-37-34\ALCOHOL.M

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal	# Cmp
1	1	1	0.050 FN06231406	-	1.0000	001F0101.D	*	4
2	2	1	0.100 FN06181501	-	1.0000	002F0201.D	*	4
3	3	1	0.200 FN032712-0	-	1.0000	003F0301.D	*	4
4	4	1	0.300 FN06051501	-	1.0000	004F0401.D	*	4
5	5	1	0.500 FN07031402	-	1.0000	005F0501.D	*	4
6	6	1	INTERNAL STANDAR	-	1.0000	006F0601.D		2

calibration curve saved as master alcohol method

C:\Chem32\1\Methods\Alcohol.mm

NB 2/22/17

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 23 Feb 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0755	0.0767	0.0012	0.0761	0.0761	
(g/100cc)	0.0751	0.0771	0.0020	0.0761		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: ALCOHOL.M
Hamilton Auto-Dilutor Serial Number:
MD96BC1382/MD94AM10010

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.076	**0.072**	**0.080**	**0.004**

Reported Result

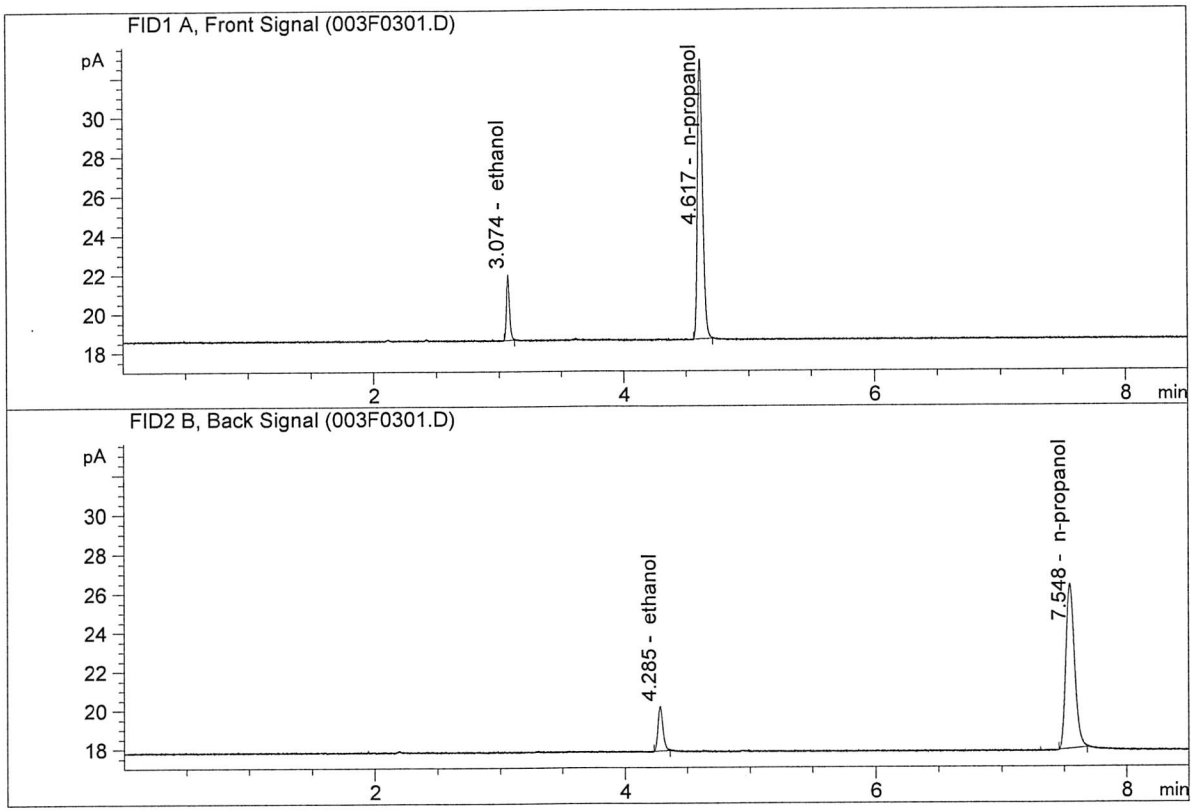
0.076

Calibration and control data are stored centrally.

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-A
Laboratory : Meridian
Injection Date : Feb 23, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

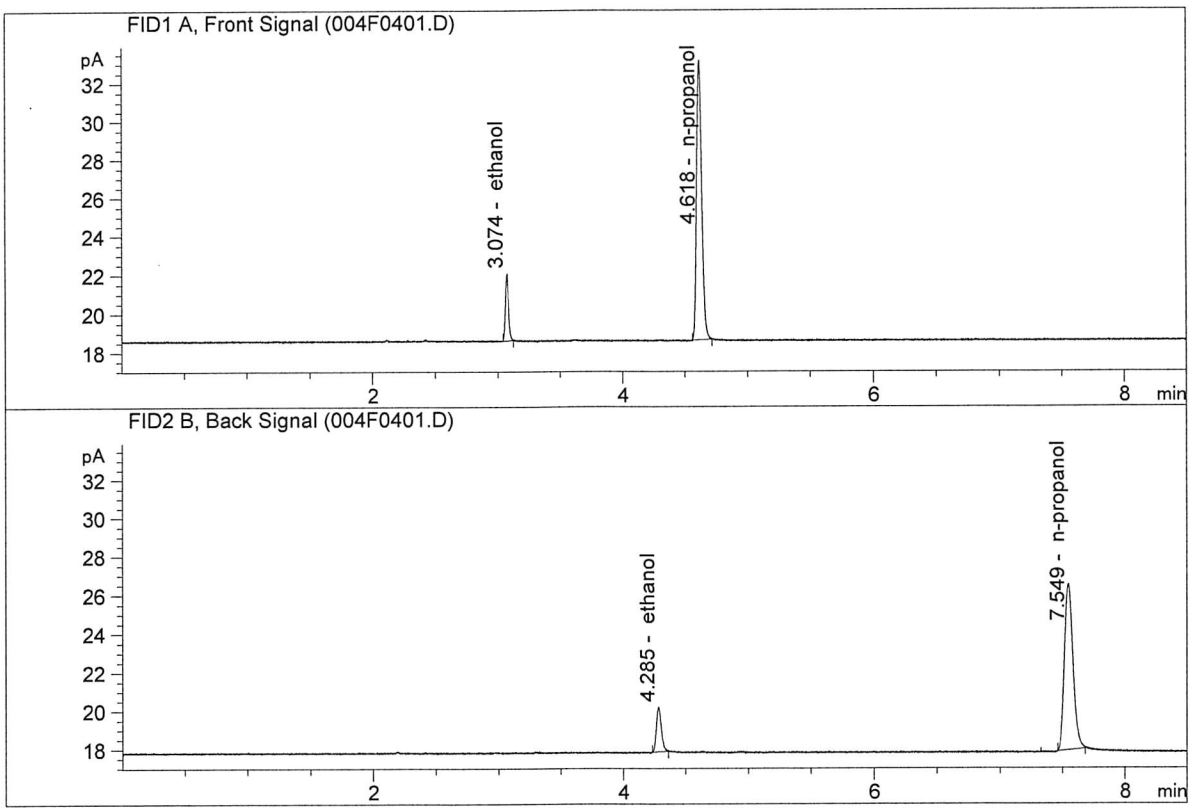


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.32450	0.0755	g/100cc
2.	Ethanol	Column 2:	6.25125	0.0767	g/100cc
3.	n-Propanol	Column 1:	40.74860	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.74873	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Meridian
Injection Date : Feb 23, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.42121	0.0751	g/100cc
2.	Ethanol	Column 2:	6.38246	0.0771	g/100cc
3.	n-Propanol	Column 1:	41.58613	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.33964	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Analysis Date(s): 23 Feb 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0766	0.0786	0.0020	0.0776	0.0773	
(g/100cc)	0.0762	0.0781	0.0019	0.0771		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: ALCOHOL.M
Hamilton Auto-Dilutor Serial Number:
MD96BC1382/MD94AM10010

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.077	**0.073**	**0.081**	**0.004**

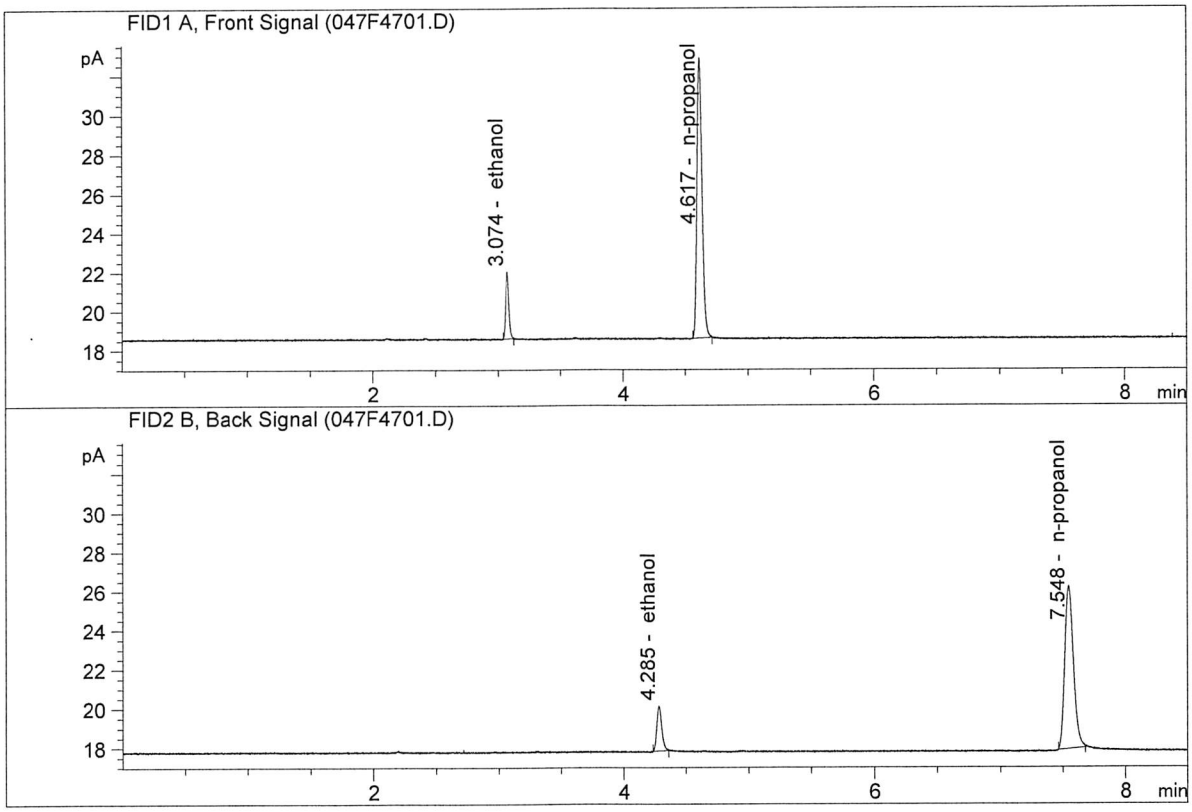
	Reported Result	
	0.077	

Calibration and control data are stored centrally.

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-A
Laboratory : Meridian
Injection Date : Feb 23, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

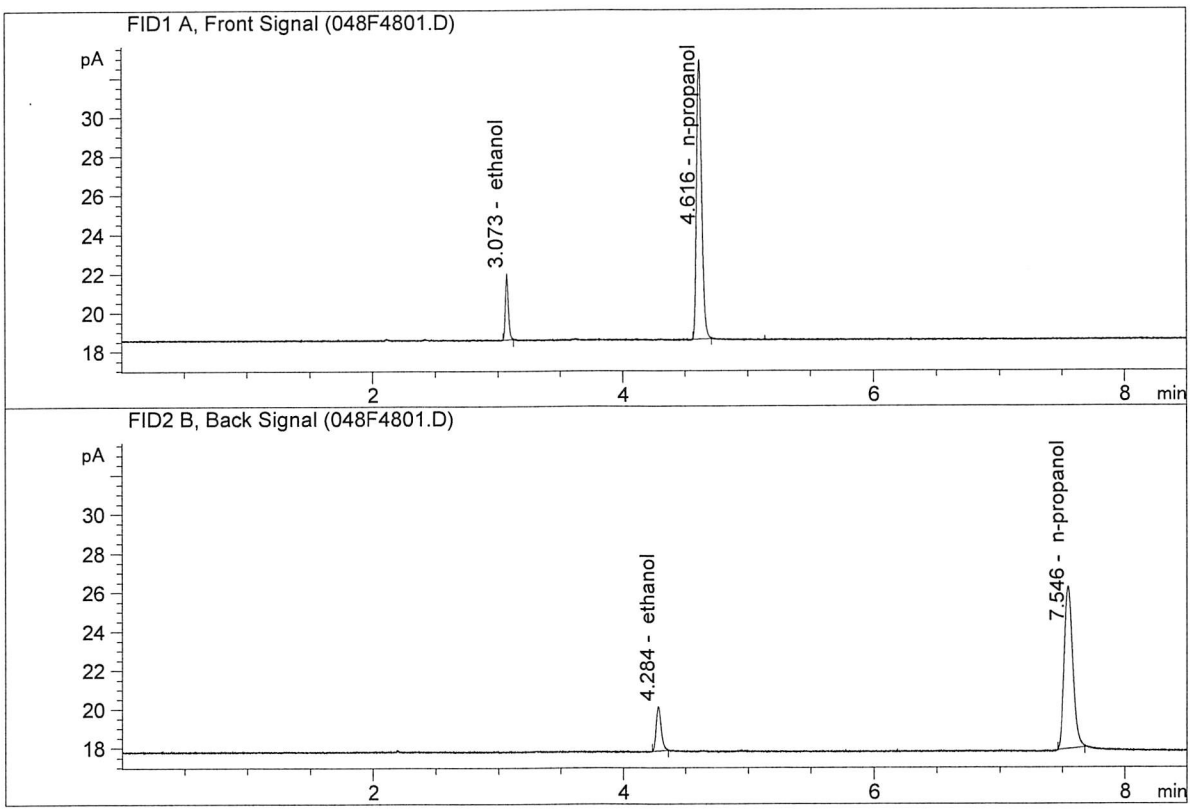


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.38716	0.0766	g/100cc
2.	Ethanol	Column 2:	6.28019	0.0786	g/100cc
3.	n-Propanol	Column 1:	40.53431	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.81776	1.0000	g/100cc

MB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-2-B
Laboratory : Meridian
Injection Date : Feb 23, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.37413	0.0762	g/100cc
2.	Ethanol	Column 2:	6.27056	0.0781	g/100cc
3.	n-Propanol	Column 1:	40.70449	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.06231	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 23 Feb 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2019	0.2026	0.0007	0.2022	0.2027	
(g/100cc)	0.2028	0.2038	0.0010	0.2033		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: ALCOHOL.M
Hamilton Auto-Dilutor Serial Number:
MD96BC1382/MD94AM10010

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.202	**0.191**	**0.213**	**0.011**

Reported Result

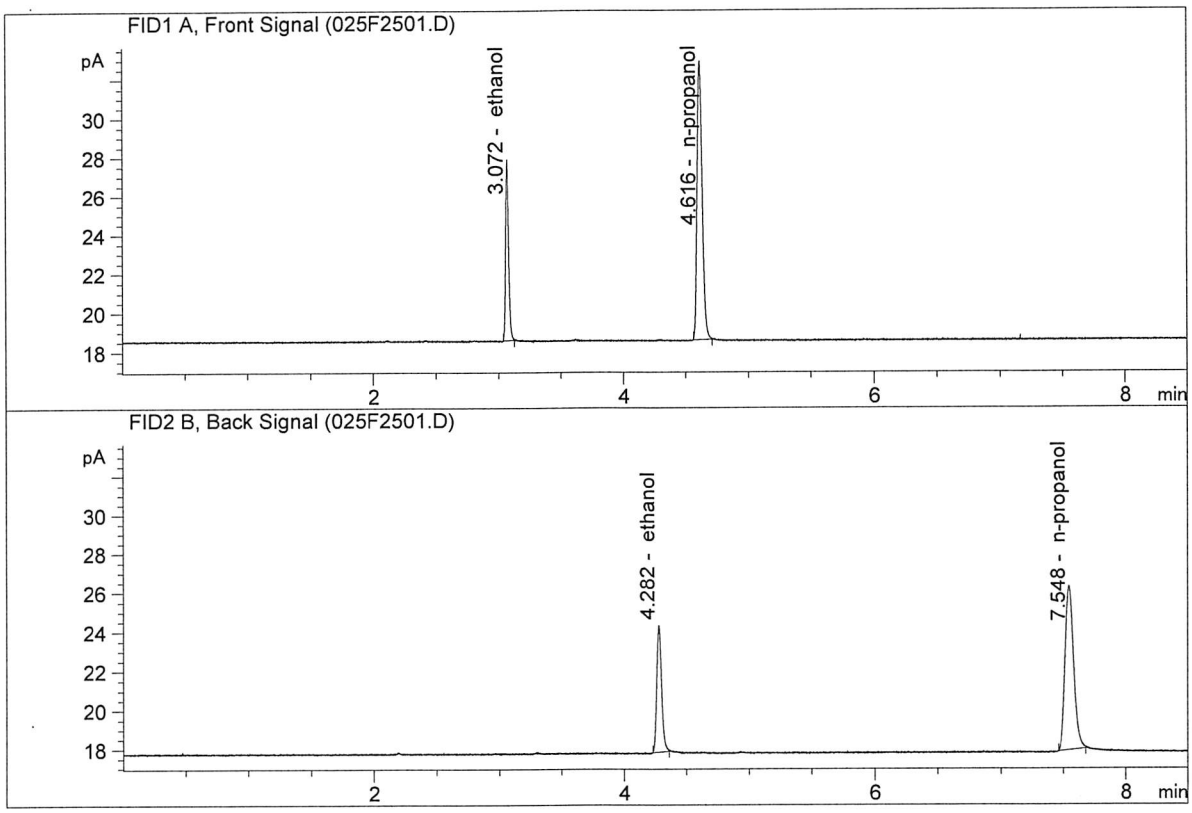
0.202

Calibration and control data are stored centrally.

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-A
Laboratory : Meridian
Injection Date : Feb 23, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

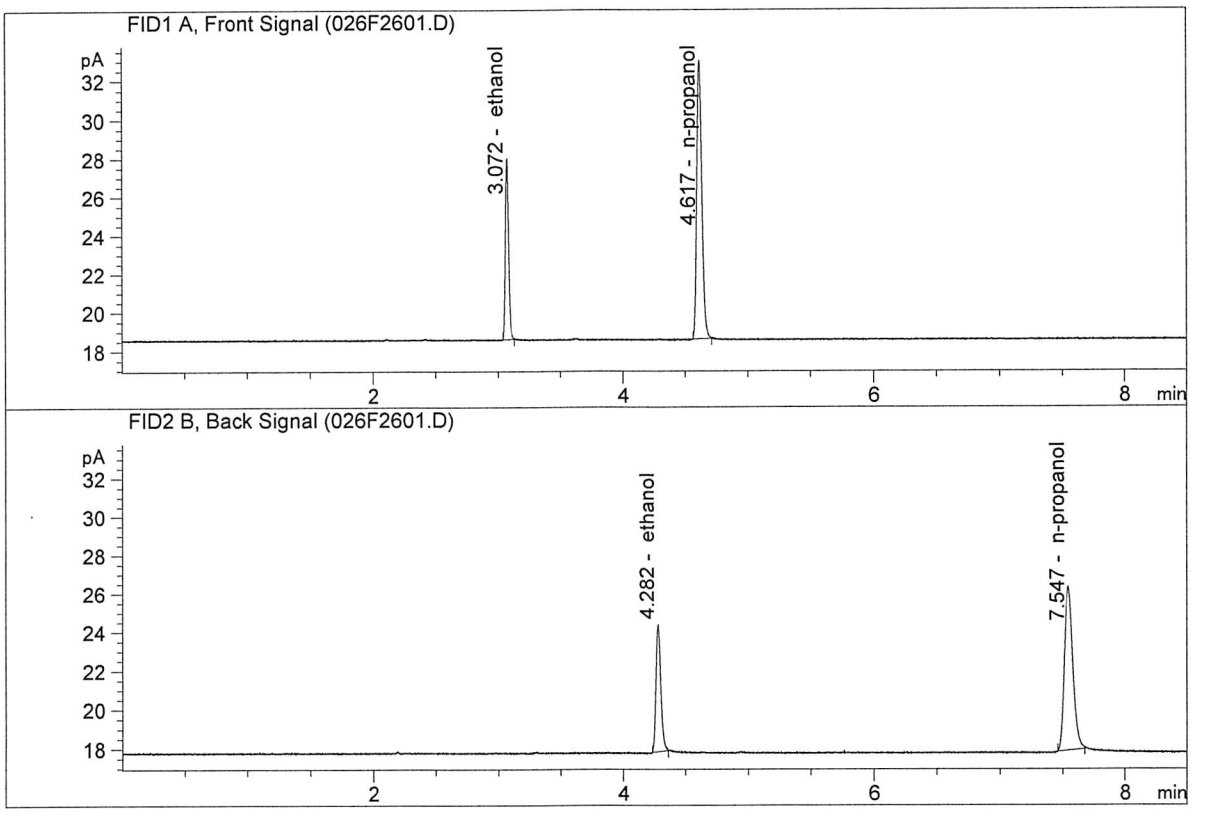


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.11302	0.2019	g/100cc
2.	Ethanol	Column 2:	17.33486	0.2026	g/100cc
3.	n-Propanol	Column 1:	40.82455	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.26073	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-1-B
Laboratory : Meridian
Injection Date : Feb 23, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.27116	0.2028	g/100cc
2.	Ethanol	Column 2:	17.45986	0.2038	g/100cc
3.	n-Propanol	Column 1:	41.01371	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.31760	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Analysis Date(s): 23 Feb 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2049	0.2057	0.0008	0.2053	0.2049	
(g/100cc)	0.2043	0.2048	0.0005	0.2045		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: ALCOHOL.M
Hamilton Auto-Dilutor Serial Number:
MD96BC1382/MD94AM10010

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.204	**0.193**	**0.215**	**0.011**

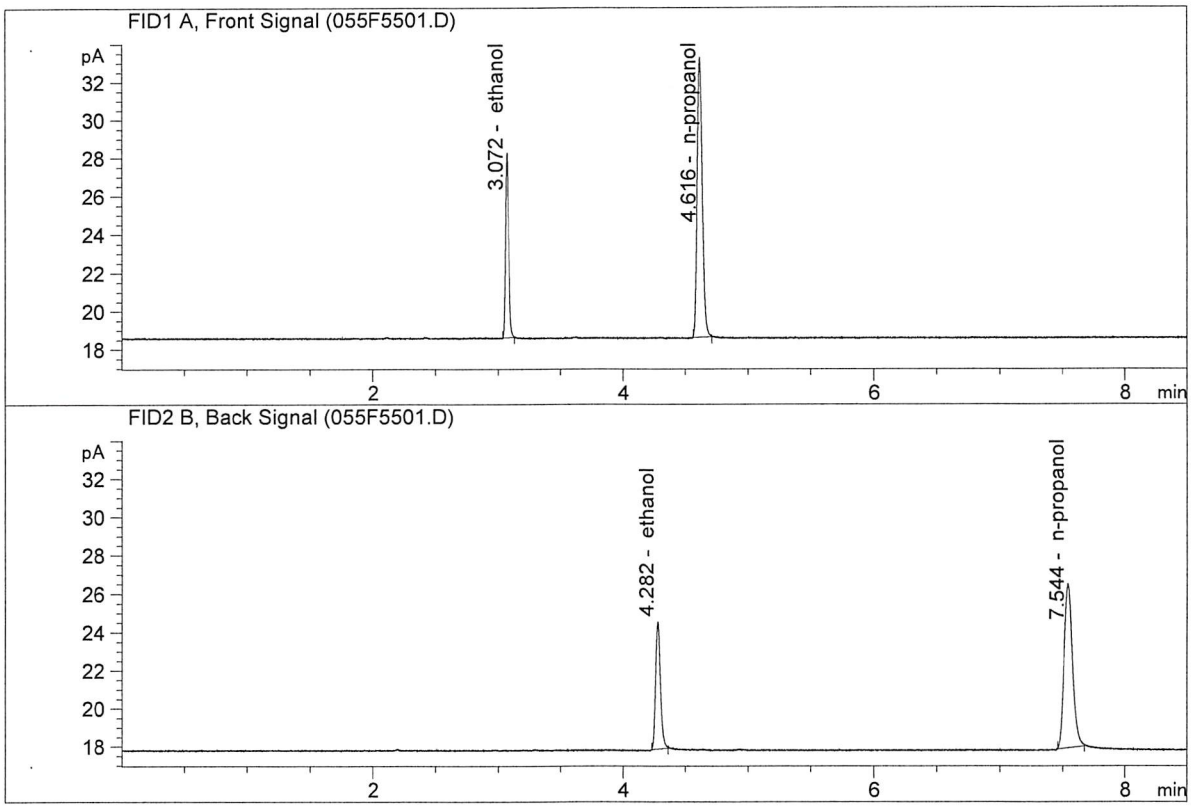
	Reported Result	
	0.204	

Calibration and control data are stored centrally.

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-A
Laboratory : Meridian
Injection Date : Feb 23, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

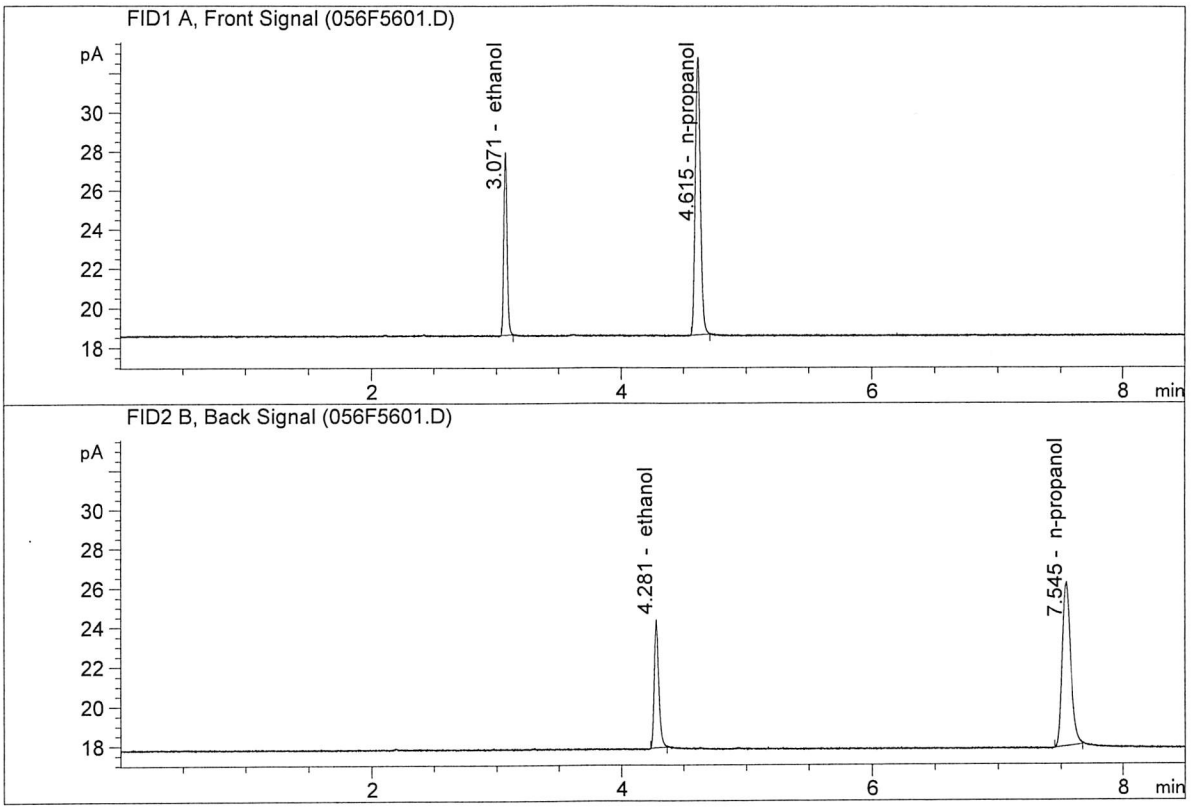


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.73654	0.2049	g/100cc
2.	Ethanol	Column 2:	17.87929	0.2057	g/100cc
3.	n-Propanol	Column 1:	41.68892	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.88625	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : QC2-2-B
Laboratory : Meridian
Injection Date : Feb 23, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	17.15848	0.2043	g/100cc
2.	Ethanol	Column 2:	17.38254	0.2048	g/100cc
3.	n-Propanol	Column 1:	40.45018	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.93041	1.0000	g/100cc

NB

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 0.08 FN10281510 **Analysis Date(s): 23 Feb 2017**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0804	0.0824	0.0020	0.0814	0.0812	
(g/100cc)	0.0803	0.0819	0.0016	0.0811		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: ALCOHOL.M
Hamilton Auto-Dilutor Serial Number:
MD96BC1382/MD94AM10010

Reporting of Results **Uncertainty of Measurement (UM%): 5.00%**

Overall Mean (g/100cc)	Low	High	5% of Mean
0.081	**0.076**	**0.086**	**0.005**

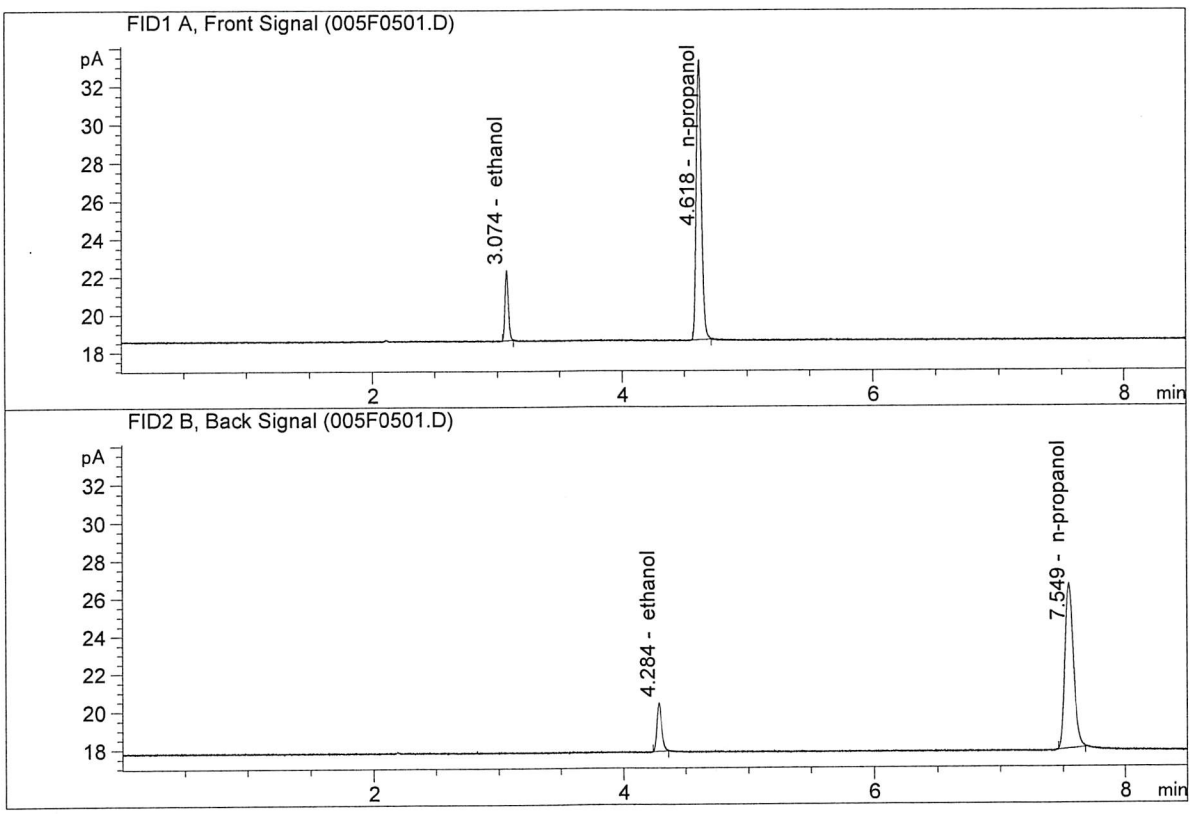
	Reported Result	
	0.081	

Calibration and control data are stored centrally.

NB

ISP Forensic Services Blood Alcohol Report

Sample Name : 0.08 FN10281510-A
Laboratory : Meridian
Injection Date : Feb 23, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167

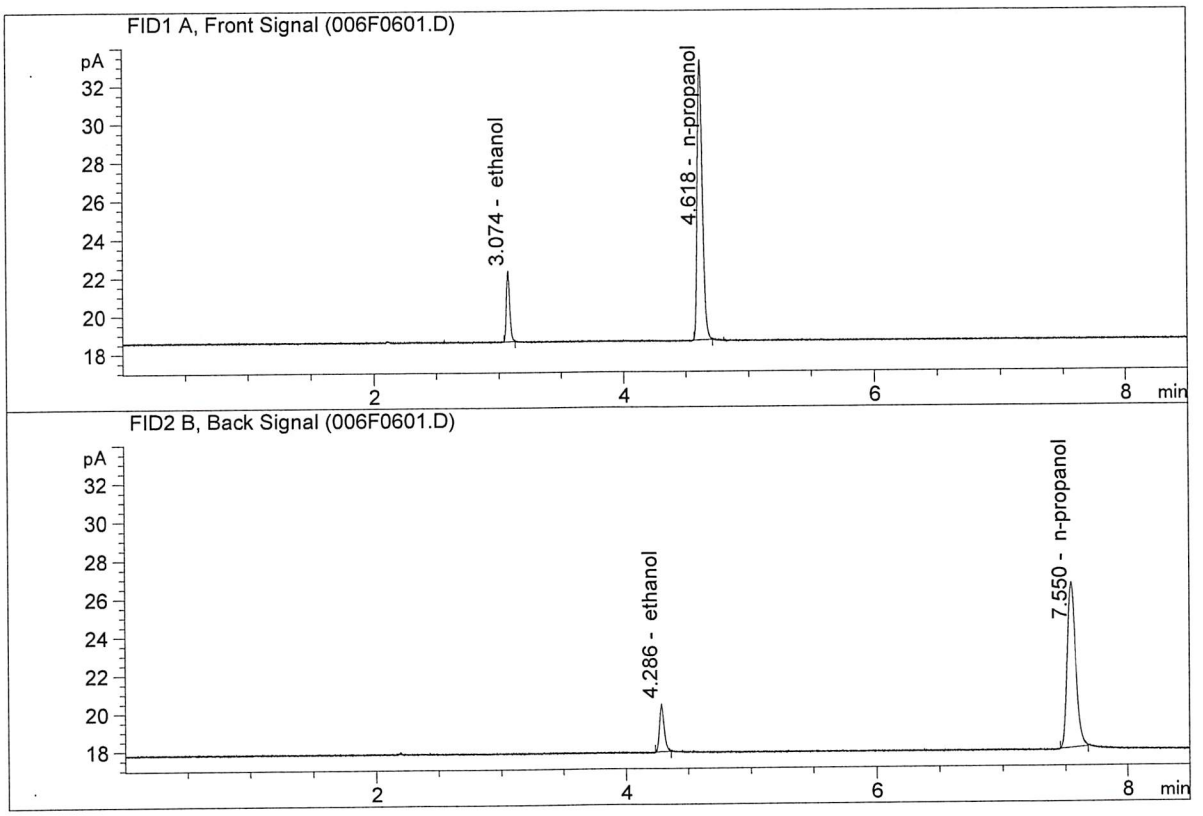


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.96964	0.0804	g/100cc
2.	Ethanol	Column 2:	6.95919	0.0824	g/100cc
3.	n-Propanol	Column 1:	42.10981	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.94325	1.0000	g/100cc

NB

ISP Forensic Services Blood Alcohol Report

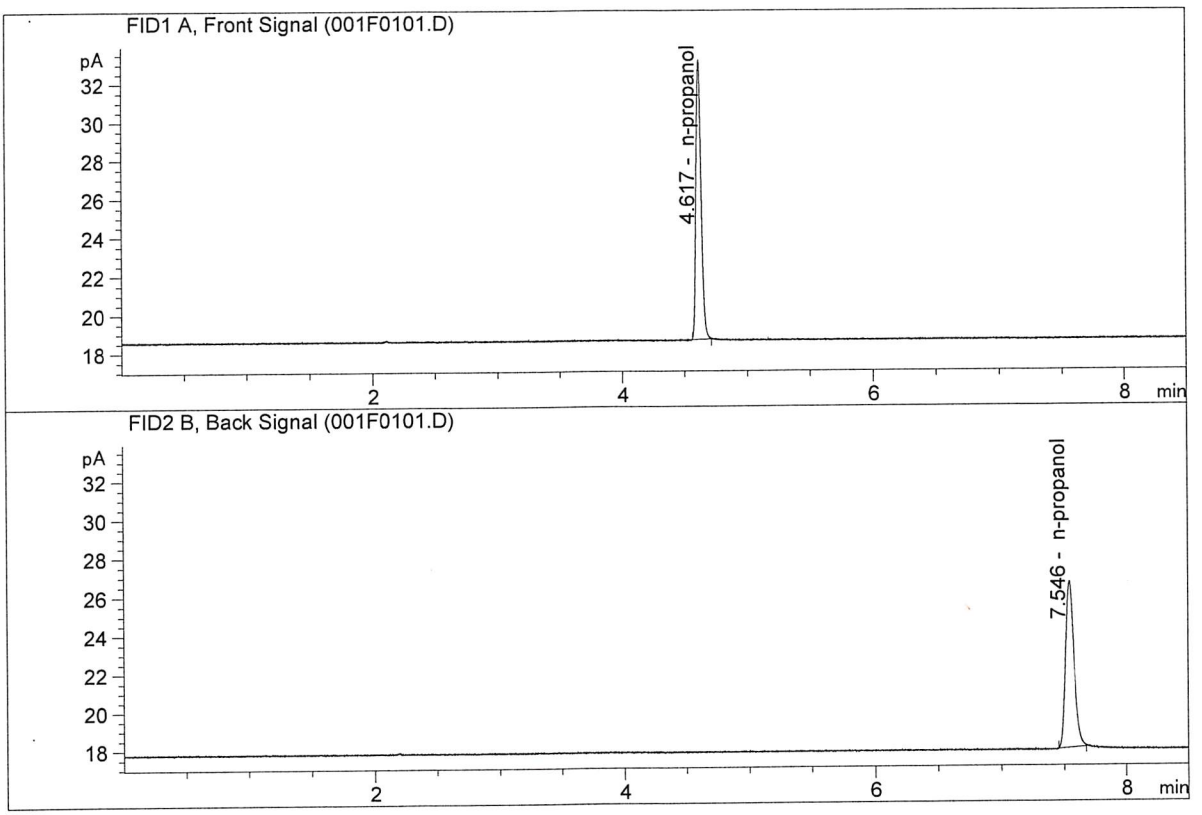
Sample Name : 0.08 FN10281510-B
Laboratory : Meridian
Injection Date : Feb 23, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	6.91390	0.0803	g/100cc
2.	Ethanol	Column 2:	6.88787	0.0819	g/100cc
3.	n-Propanol	Column 1:	41.84783	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.77472	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

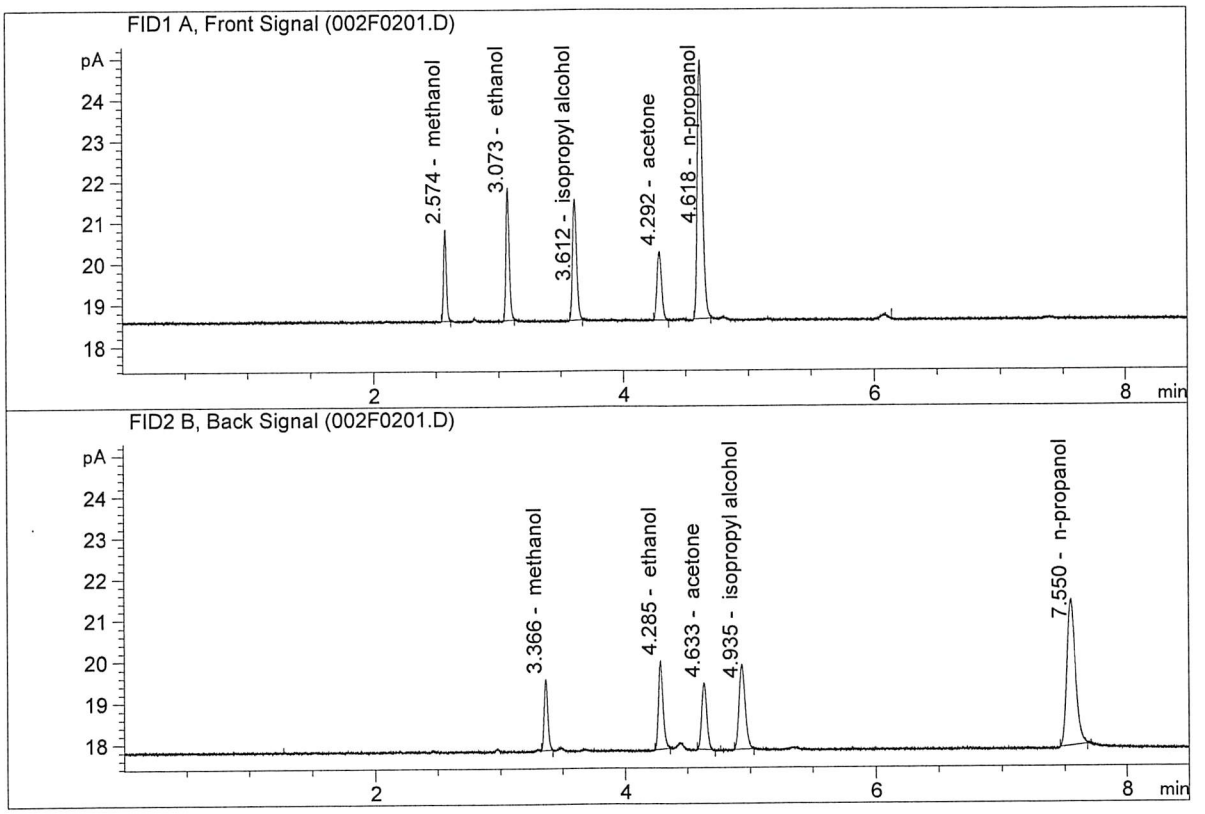
Sample Name : INTERNAL STD BLK 1
Laboratory : Meridian
Injection Date : Feb 23, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	41.68138	1.0000	g/100cc
4.	n-Propanol	Column 2:	41.68818	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

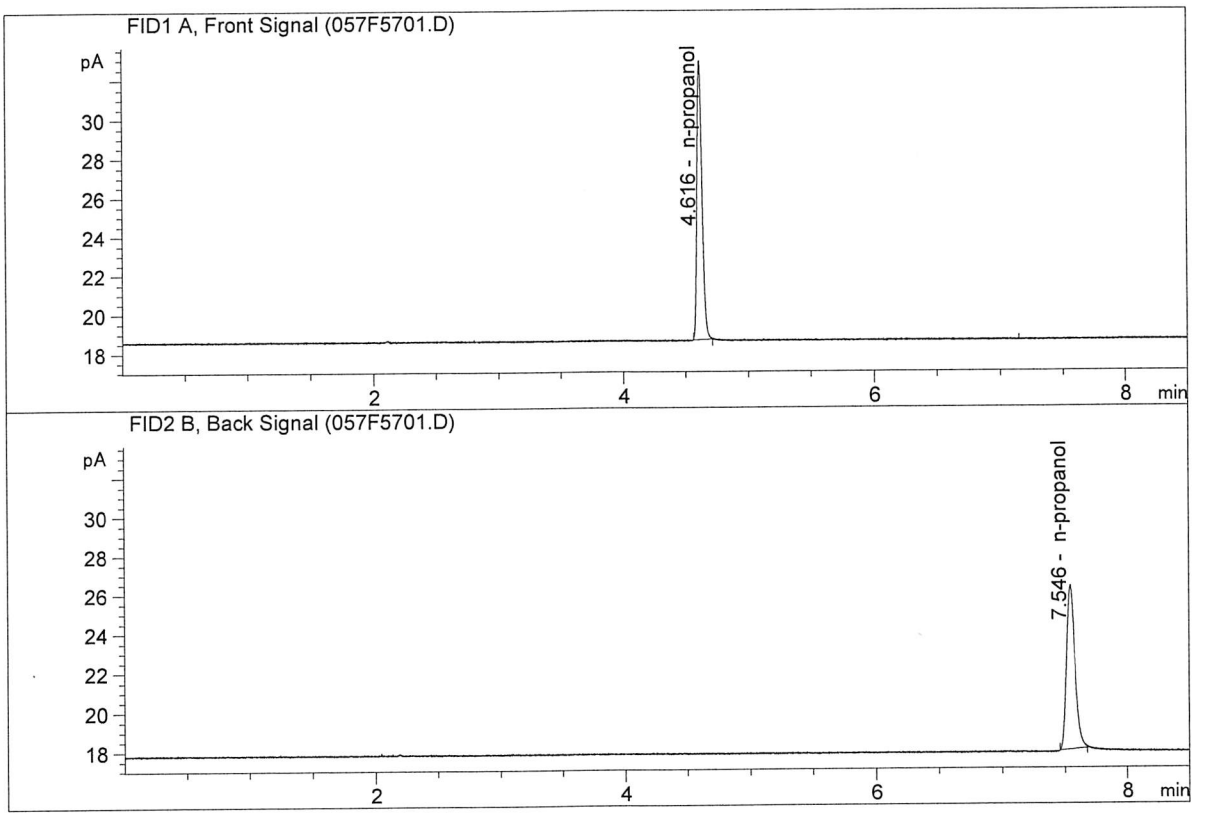
Sample Name : MIX VOL FN09231404
Laboratory : Meridian
Injection Date : Feb 23, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	5.83471	0.1568	g/100cc
2.	Ethanol	Column 2:	5.84755	0.1616	g/100cc
3.	n-Propanol	Column 1:	17.95497	1.0000	g/100cc
4.	n-Propanol	Column 2:	17.18468	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD BLK
Laboratory : Meridian
Injection Date : Feb 23, 2017
Method : ALCOHOL.M
Acq. Instrument: CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	40.63731	1.0000	g/100cc
4.	n-Propanol	Column 2:	39.96922	1.0000	g/100cc

NB

Sequence File C:\Chem32\...7_SAMPLES\02-23-17_SAMPLES 2017-02-23 12-24-21\02-23-17_SAMPLES.S

Sample Summary

Sequence table: C:\Chem32\1\Data\02-23-17_SAMPLES\02-23-17_SAMPLES 2017-02-23 12-24-21\02-23-17_SAMPLES.S
Data directory path: C:\Chem32\1\Data\02-23-17_SAMPLES\02-23-17_SAMPLES 2017-02-23 12-24-21\
Logbook: C:\Chem32\1\Data\02-23-17_SAMPLES\02-23-17_SAMPLES 2017-02-23 12-24-21\02-23-17_SAMPLES.LOG
Sequence start: 2/23/2017 12:39:10 PM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\Chem32\1\Data\02-23-17_SAMPLES\02-23-17_SAMPLES 2017-02-23 12-24-21\ALCOHOL.M

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
1	1	1	INTERNAL STD BLK	-	1.0000	001F0101.D	2
2	2	1	MIX VOL FN092314	-	1.0000	002F0201.D	10
3	3	1	QC1-1-A	-	1.0000	003F0301.D	4
4	4	1	QC1-1-B	-	1.0000	004F0401.D	4
5	5	1	0.08 FN10281510-	-	1.0000	005F0501.D	4
6	6	1	0.08 FN10281510-	-	1.0000	006F0601.D	4
7	7	1	M2017-0444-3-A	-	1.0000	007F0701.D	4
8	8	1	M2017-0444-3-B	-	1.0000	008F0801.D	4
9	9	1	M2017-0518-1-A	-	1.0000	009F0901.D	4
10	10	1	M2017-0518-1-B	-	1.0000	010F1001.D	4
11	11	1	M2017-0553-1-A	-	1.0000	011F1101.D	4
12	12	1	M2017-0553-1-B	-	1.0000	012F1201.D	4
13	13	1	M2017-0623-1-A	-	1.0000	013F1301.D	4
14	14	1	M2017-0623-1-B	-	1.0000	014F1401.D	4
15	15	1	M2017-0624-1-A	-	1.0000	015F1501.D	4
16	16	1	M2017-0624-1-B	-	1.0000	016F1601.D	4
17	17	1	M2017-0629-1-A	-	1.0000	017F1701.D	2
18	18	1	M2017-0629-1-B	-	1.0000	018F1801.D	2
19	19	1	M2017-0637-1-A	-	1.0000	019F1901.D	4
20	20	1	M2017-0637-1-B	-	1.0000	020F2001.D	4
21	21	1	M2017-0653-1-A	-	1.0000	021F2101.D	4
22	22	1	M2017-0653-1-B	-	1.0000	022F2201.D	4
23	23	1	M2017-0660-1-A	-	1.0000	023F2301.D	4
24	24	1	M2017-0660-1-B	-	1.0000	024F2401.D	4
25	25	1	QC2-1-A	-	1.0000	025F2501.D	4
26	26	1	QC2-1-B	-	1.0000	026F2601.D	4
27	27	1	M2017-0661-1-A	-	1.0000	027F2701.D	2
28	28	1	M2017-0661-1-B	-	1.0000	028F2801.D	2
29	29	1	M2017-0682-2-A	-	1.0000	029F2901.D	4
30	30	1	M2017-0682-2-B	-	1.0000	030F3001.D	4
31	31	1	M2017-0684-1-A	-	1.0000	031F3101.D	4
32	32	1	M2017-0684-1-B	-	1.0000	032F3201.D	4
33	33	1	M2017-0705-1-A	-	1.0000	033F3301.D	4
34	34	1	M2017-0705-1-B	-	1.0000	034F3401.D	4
35	35	1	M2017-0706-1-A	-	1.0000	035F3501.D	4
36	36	1	M2017-0706-1-B	-	1.0000	036F3601.D	4
37	37	1	M2017-0707-1-A	-	1.0000	037F3701.D	4
38	38	1	M2017-0707-1-B	-	1.0000	038F3801.D	4
39	39	1	M2017-0711-1-A	-	1.0000	039F3901.D	4
40	40	1	M2017-0711-1-B	-	1.0000	040F4001.D	4
41	41	1	M2017-0712-1-A	-	1.0000	041F4101.D	4
42	42	1	M2017-0712-1-B	-	1.0000	042F4201.D	4
43	43	1	M2017-0726-1-A	-	1.0000	043F4301.D	4

NB

Sequence File C:\Chem32\...7_SAMPLES\02-23-17_SAMPLES 2017-02-23 12-24-21\02-23-17_SAMPLES.S

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
44	44	1	M2017-0726-1-B	-	1.0000	044F4401.D	4
45	45	1	M2017-0727-1-A	-	1.0000	045F4501.D	2
46	46	1	M2017-0727-1-B	-	1.0000	046F4601.D	2
47	47	1	QC1-2-A	-	1.0000	047F4701.D	4
48	48	1	QC1-2-B	-	1.0000	048F4801.D	4
49	49	1	M2017-0739-1-A	-	1.0000	049F4901.D	4
50	50	1	M2017-0739-1-B	-	1.0000	050F5001.D	4
51	51	1	M2017-0741-1-A	-	1.0000	051F5101.D	4
52	52	1	M2017-0741-1-B	-	1.0000	052F5201.D	4
53	53	1	M2017-0747-1-A	-	1.0000	053F5301.D	4
54	54	1	M2017-0747-1-B	-	1.0000	054F5401.D	4
55	55	1	QC2-2-A	-	1.0000	055F5501.D	4
56	56	1	QC2-2-B	-	1.0000	056F5601.D	4
57	57	1	INTERNAL STD BLK	-	1.0000	057F5701.D	2

Method file name: C:\Chem32\1\Data\02-23-17_SAMPLES\02-23-17_SAMPLES 2017-02-23 12-24-21 \SHUTDOWN.M

Run #	Location #	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal # Cmp
58	58	1	EMPTY	-	1.0000	058F5801.D	0