Volatile	
ysis for Other Vol	
: for	
Analysis f	
Qualitative	
8	
- Ethanol	
for Ethanol	
Analysis for Ethanol	

3

Analytical Method(s): 1.0

Device: Hamilton MICROLAB 600 Liquid Processor/Dilutor Serial Number: ML600HC11378

Volatiles Q	uality Assur	Volatiles Quality Assurance Controls				Run Date:	Run Date: 10/02/18-10/03/18
						Calibration	Calibration Date: 10/02/18
level	Control level Expiration	Lot #	Target Value	alue	Acceptable Range	Overall Results	
						0.0765 g/100cc	
Level 1	Jan-22	1801036	0.0812		0.0731-0.0893	0.0799 g/100cc	
						g/100cc	
						0.2070 g/100cc	
Level 2	Mar-22	1803028	0.2035		0.1832-0.2238	0.2149 g/100cc	
						g/100cc	
mpone	Multi-Component mixture:	Exp date: Sept 2020		Lot #	FN06041502	OK	
	Curve Fit:		Column 1	1.00000	00 Column2	96666.0	

Ethanol Cal	libration Ref	Ethanol Calibration Reference Material						
Calibrator level Expiration	Expiration	Cerilliant Lot #	Target Value	Acceptable Range Column 1 Column 2 Precision	Column 1	Column 2	Precision	Mean
0.050	Jul-19	FN06231406	0.050	0.045 - 0.055	0.0505	0.0517	0.0012	0.0511
0.080			0.080	0.072 - 0.088			0	#DIV/0
0.100	Aug-21	FN08101601	0.100	0.090 - 0.110	0.1000	0.1004	0.0004	0.1002
0.200	Dec-19	FN12011401	0.200	0.180 - 0.220	0.1999	0.1978	0.0021	0.1988
0.300	Feb-21	FN02121601	0.300	0.270 - 0.330	0.2992	0.2987	0.0005	0.2989
0.400			0.400	0.360 - 0.440			0	#DIV/0!
0.500	Sep-21	FN08031602	0.500	0.450 - 0.550	0.5005	0.5014	0.0009	0.5009
A	Aqueous Controls	ntrols						
Control level	Expiration	Cerilliant Lot #	Target Value	Acceptable Range	Overall	Overall Results		

REVIEWED

By Jeremy Johnston at 2:30 pm, Oct 03, 2018

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

Volatiles QA/QC data spreadsheet Rev 5 Issuing Authority: Quality Manager

Issued: 4/22/2015

g/100cc

0.080

0.076 - 0.084

0.08000

FN04171701

May-22

0.080

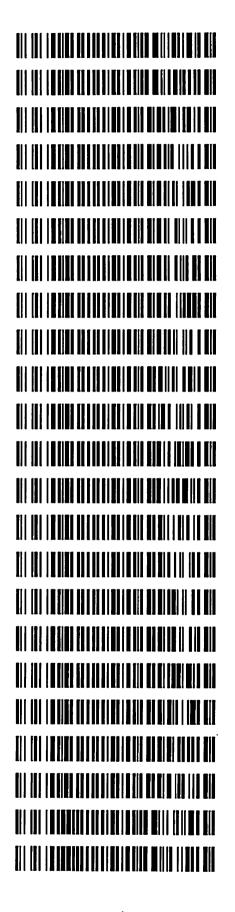
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REVIEWED

By Melissa (Nikka) Bradley at 4:38 pm, Oct 11, 2018

ITEM TASK ID DESCRIPTION LAB CASE M2018-4785 1 127242 **Alcohol Analysis** M2018-4786 1 127243 **Alcohol Analysis** M2018-4854 1 127563 **Alcohol Analysis** M2018-4863 1 127622 **Alcohol Analysis** M2018-4864 1 127623 **Alcohol Analysis** M2018-4865 1 127624 Alcohol Analysis M2018-4866 1 127625 **Alcohol Analysis** M2018-4867 1 127626 **Alcohol Analysis** M2018-4868 1 127627 Alcohol Analysis 127670 M2018-4885 1 **Alcohol Analysis** M2018-4892 1 127728 **Alcohol Analysis** M2018-4919 1 127871 **Alcohol Analysis** M2018-4922 1 127931 **Alcohol Analysis** M2018-4926 1 127964 **Alcohol Analysis** M2018-4931 1 127970 **Alcohol Analysis** M2018-4935 1 127982 **Alcohol Analysis** 1 M2018-4936 127983 **Alcohol Analysis** M2018-4937 1 127984 **Alcohol Analysis** M2018-4938 1 127985 **Alcohol Analysis** M2018-4939 1 127989 **Alcohol Analysis** M2018-4940 1 127993 **Alcohol Analysis** P2018-2725 1 127213 **Alcohol Analysis** P2018-2727 1 127282 **Alcohol Analysis**

Worklist: 2715



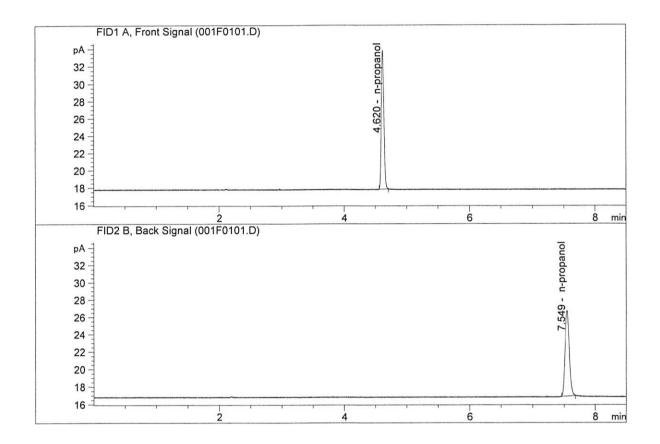
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Worklist: 2715

LAB CASE	ITEM	TASK ID	DESCRIPTION
P2018-2758	2	127559	Alcohol Analysis
P2018-2771	1	127596	Alcohol Analysis

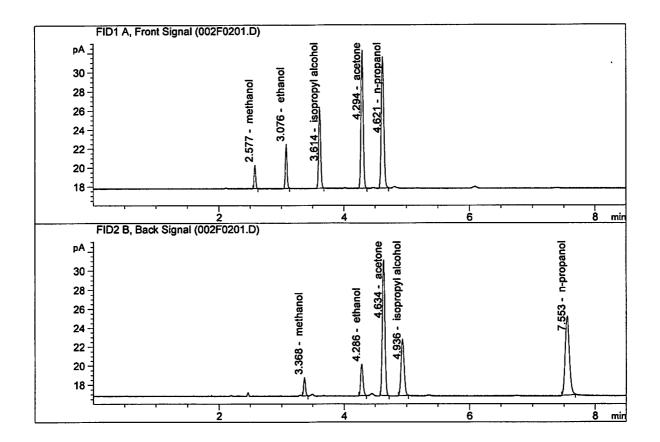
2

Sample Name	:	INTERNAL STD BLK 1
Laboratory	:	Meridian
Injection Date	:	Oct 2, 2018
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
З.	n-Propanol	Column	1:	45.62996	1.0000	g/100cc
4.	n-Propanol	Column	2:	47.10099	1.0000	g/100cc

Sample Name :	MIX VOL FN06041502
Laboratory :	Meridian
Injection Date :	Oct 2, 2018
Method :	ALCOHOL.M
Acq. Instrument:	CN11180014-CN11041167

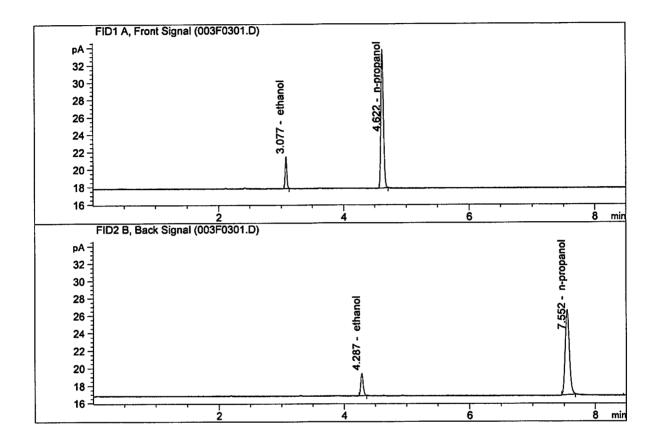


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	8.57953	0.1123	g/100cc
2.	Ethanol	Column 2:	8.83848	0.1127	g/100cc
З.	n-Propanol	Column 1:	39.11178	1.0000	g/100cc
4.	n-Propanol	Column 2:	40.04891	1.0000	g/100cc

Laboratory N	Laboratory No.: QC1-1 Analysis Date(s): 02 Oct 2018					
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0762	0.0770	0.0008	0.0766	0.0765	
(g/100cc)	0.0760	0.0771	0.0011	0.0765	0.0703	
Analysis Met	hod					
Refer to Blood	Alcohol Metho	od #1				
Instrument Information Instrument method is stored centrally.						
Refer to Instrument Method: ALCOHOL.M Hamilton Auto-Dilutor Serial Number: ML600HC11378						
Reporting of Results Uncertainty of Measurement (UM%): 5.00%						
Overall Mean (g/100cc) Low High				High	5% of	Mean
0.076			0.072	0.080	0.0	004
		R	eported Res	ult		
			0.076			

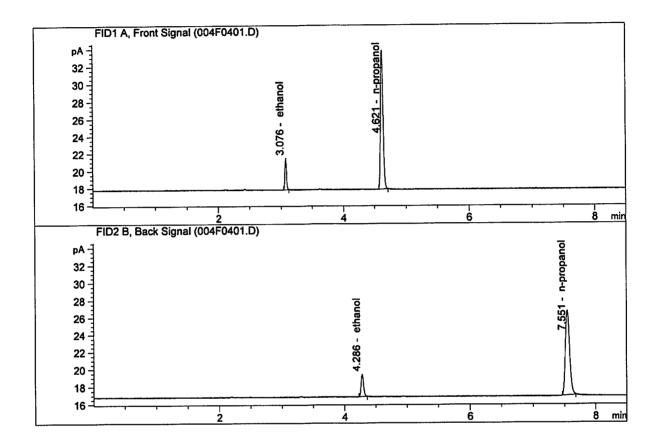
Calibration and control data are stored centrally.

Sample Name :	QC1-1-A
Laboratory :	Meridian
Injection Date :	Oct 2, 2018
Method :	ALCOHOL.M
Acq. Instrument:	CN11180014-CN11041167



# Compound	Column	Area	Amount	Units	
1. Ethanol	Column 1:	6.72436	0.0762	g/100cc	
2. Ethanol	Column 2:	6.86695	0.0770	g/100cc	
3. n-Propanol	Column 1:	45.35390	1.0000	g/100cc	
4. n-Propanol	Column 2:	46.43036	1.0000	g/100cc	

Sample Name :	QC1-1-B
Laboratory :	Meridian
Injection Date :	Oct 2, 2018
Method :	ALCOHOL.M
Acq. Instrument:	CN11180014-CN11041167

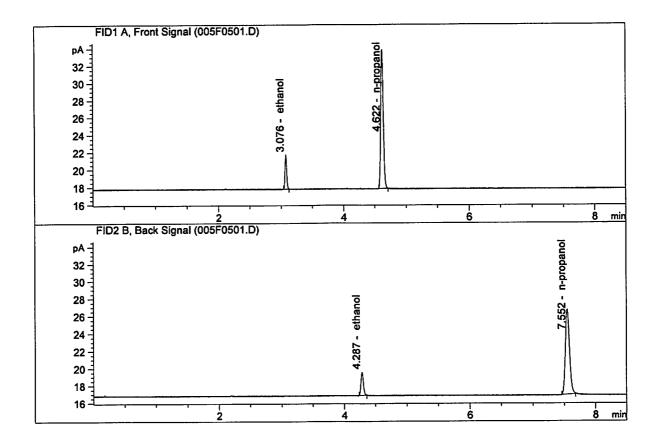


# Compound	Column	Area	Amount	Units
 Ethanol Ethanol n-Propanol n-Propanol 	Column 1:	6.74691	0.0760	g/100cc
	Column 2:	6.91433	0.0771	g/100cc
	Column 1:	45.64170	1.0000	g/100cc
	Column 2:	46.68761	1.0000	g/100cc

Laboratory N	o.: 0.08 FN04	171701	Analys	is Date(s): 02 (Oct 2018	ct 2018		
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean			
Sample Results	0.0811	0.0814	0.0003	0.0812	0.0809			
(g/100cc)	0.0800	0.0811	0.0011	0.0805				
Analysis Met	Analysis Method							
Refer to Blood	Alcohol Metho	od #1						
Instrument I	nformation	yte gener melmingen med med mel mel mel Mara (Artis	en en annan a chuir an	Instrume	nt method is stored	d centrally.		
	ent Method: ALCO Dilutor Serial Num		1378		and the Arabia Social Social Social	and the state of the		
Reporting of	Results		Uncertain	ty of Measure	ment (UM%):	: 5.00%		
Ove	rall Mean (g/10	00cc)	Low	High	5% 0	f Mean		
0.080 0.076 0.084				0.	004			
) en de la crime de anny particular constant de la crime de la crime	arrandaga ata akarga bilika yarang dan bilika kati kati kati kati kati kati kati k	R	eported Res	sult	n i zani bala naje klaji stjevelji stjevelji i zani plana stali stali stali stali stali stali stali stali stali N	an dia mpikanya manggang di sana panggan kana kaning sa		
			0.080					

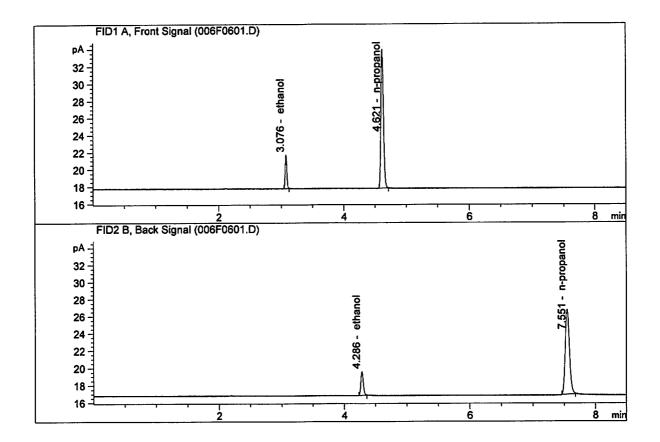
Calibration and control data are stored centrally.

Sample Name :	:	0.08 FN04171701-A
Laboratory :	:	Meridian
Injection Date :	:	Oct 2, 2018
Method :	:	ALCOHOL.M
Acq. Instrument:	:	CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.22108	0.0811	g/100cc
2.	Ethanol	Column 2:	7.33326	0.0814	g/100cc
з.	n-Propanol	Column 1:	45.73120	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.75676	1.0000	g/100cc

Sample Name :		0.08 FN04171701-B
Laboratory :		Meridian
Injection Date :		Oct 2, 2018
Method :		ALCOHOL.M
Acq. Instrument:	1	CN11180014-CN11041167

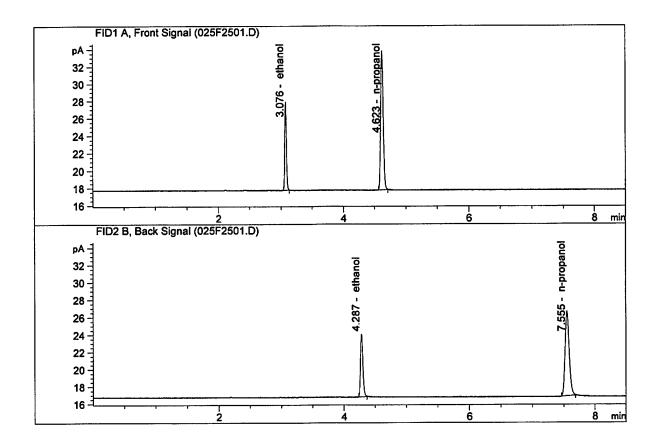


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	7.17090	0.0800	g/100cc
2.	Ethanol	Column 2:	7.35345	0.0811	g/100cc
3.	n-Propanol	Column 1:	46.04872	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.09148	1.0000	g/100cc

Laboratory No.: QC2-1 Analysis Date(s): 02 Oct 2018							
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean		
Sample Results	0.2072	0.2075	0.0003	0.2073	0.2070		
(g/100cc)	0.2067	0.2068	0.0001	0.2067	0.2070	and the second	
Analysis Met	Analysis Method						
Refer to Blood	Alcohol Metho	od #1					
Instrument I	nformation			Instrumer	nt method is stored	l centrally.	
	ent Method: ALCO Dilutor Serial Num		378				
Reporting of	Results		Uncertain	ty of Measure	ment (UM%):	5.00%	
Ove	erall Mean (g/10)0cc)	Low	High	5% 0	f Mean	
0.207 0.196 0.218				0.	011		
Reported Result							
0.207							

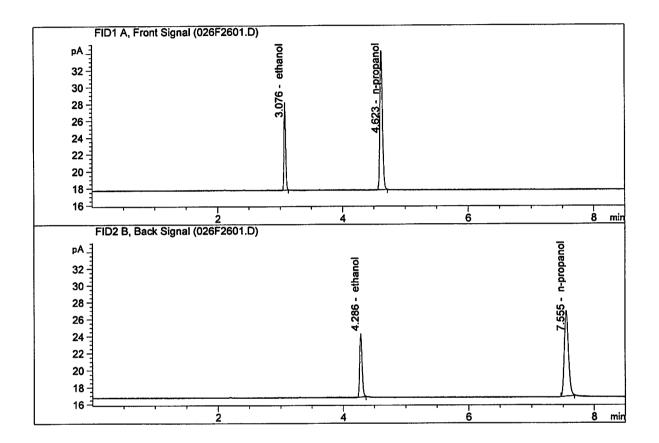
Calibration and control data are stored centrally.

Sample Name :	QC2-1-A
Laboratory :	Meridian
Injection Date :	Oct 2, 2018
Method :	ALCOHOL.M
Acq. Instrument:	CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.57725	0.2072	g/100cc
2.	Ethanol	Column 2:	19.32741	0.2075	g/100cc
з.	n-Propanol	Column 1:	45.68546	1.0000	g/100cc
4.	n-Propanol	Column 2:	46.67027	1.0000	g/100cc

Sample Name :	QC2-1-B
Laboratory :	Meridian
Injection Date :	Oct 2, 2018
Method :	ALCOHOL.M
Acq. Instrument:	CN11180014-CN11041167

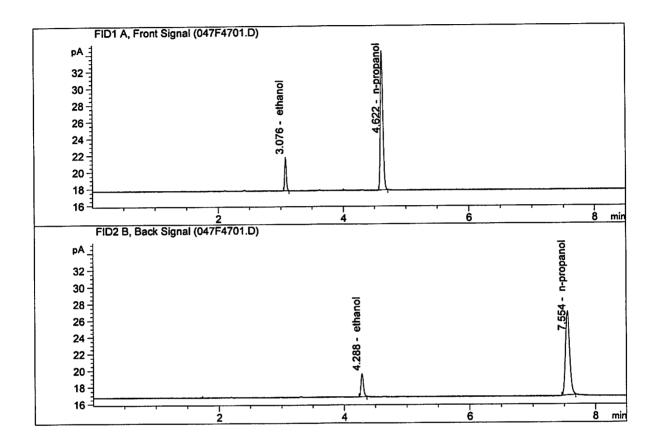


#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.03629	0.2067	g/100cc
2.	Ethanol	Column 2:	19.73577	0.2068	g/100cc
З.	n-Propanol	Column 1:	46.93385	1.0000	g/100cc
4.	n-Propanol	Column 2:	47.82834	1.0000	g/100cc

Laboratory N	Laboratory No.: QC1-2 Analysis Date(s): 03 Oct 2018						
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean		
Sample Results	0.0800	0.0807	0.0007	0.0803	0.0799		
(g/100cc)	0.0793	0.0799	0.0006	0.0796	0.0799		
Analysis Met	Analysis Method						
Refer to Blood	Alcohol Metho	od #1					
Instrument In	nformation			Instrumer	nt method is stored	centrally.	
	ent Method: ALCO Dilutor Serial Num		378				
Reporting of	Results		Uncertaint	ty of Measure	ment (UM%):	5.00%	
Ove	erall Mean (g/10)0cc)	Low	High	5% of	Mean	
0.079 0.075 0.083			0.0	004			
		R	eported Res	ult			
0.079							
					1		

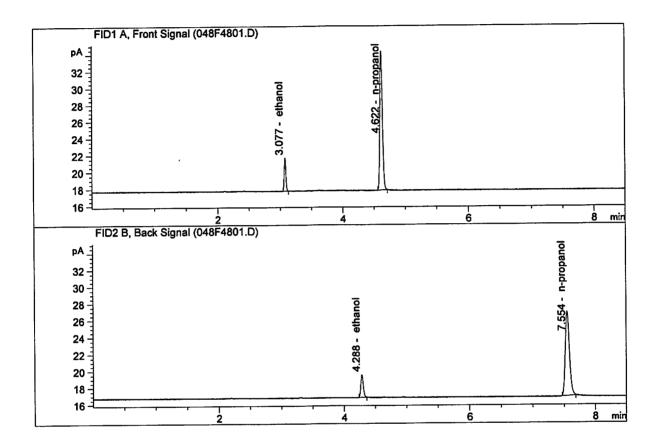
Calibration and control data are stored centrally.

Sample Name :	QC1-2-A
Laboratory :	Meridian
Injection Date :	Oct 3, 2018
Method :	ALCOHOL.M
Acq. Instrument:	CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
2. 3.	Ethanol Ethanol n-Propanol n-Propanol	Column 1: Column 2: Column 1: Column 2:	7.36758 7.50663 47.30458 48.26638	0.0800 0.0807 1.0000 1.0000	g/100cc g/100cc g/100cc g/100cc

Sample Name :	QC1-2-B
Laboratory :	Meridian
Injection Date :	Oct 3, 2018
Method :	ALCOHOL.M
Acq. Instrument:	CN11180014-CN11041167

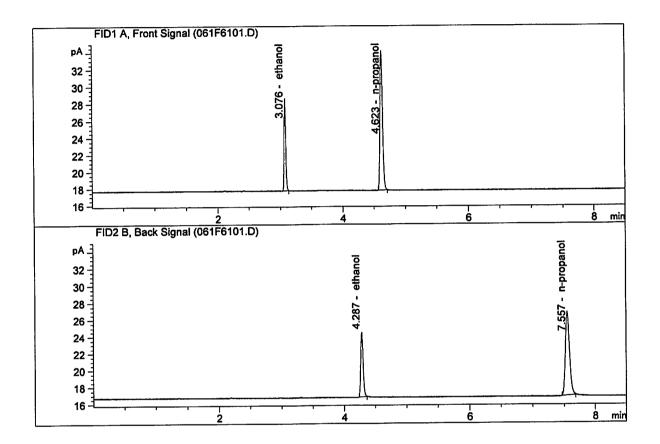


#	Compound	Column	Area	Amount	Units
3.	Ethanol	Column 1:	7.24664	0.0793	g/100cc
	Ethanol	Column 2:	7.37623	0.0799	g/100cc
	n-Propanol	Column 1:	46.93647	1.0000	g/100cc
	n-Propanol	Column 2:	47.94340	1.0000	g/100cc

Laboratory No.: QC2-2Analysis Date(s): 03 Oct 2018					Det 2018
	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean
Sample Results	0.2156	0.2163	0.0007	0.2159	0.2149
(g/100cc)	0.2135	0.2143	0.0008	0.2139	0.2149
Analysis Met	hod				
Refer to Blood	Alcohol Metho	od #1			
	C			Instrumen	nt method is stored centrally.
Instrument In	nformation				
	ent Method: ALCO Dilutor Serial Num		1378		
Reporting of	Results		Uncertaint	ty of Measure	ment (UM%): 5.00%
Ove	erall Mean (g/10)0cc)	Low	High	5% of Mean
0.214			0.203	0.225	0.011
		R	eported Res	ult	
			0.214		

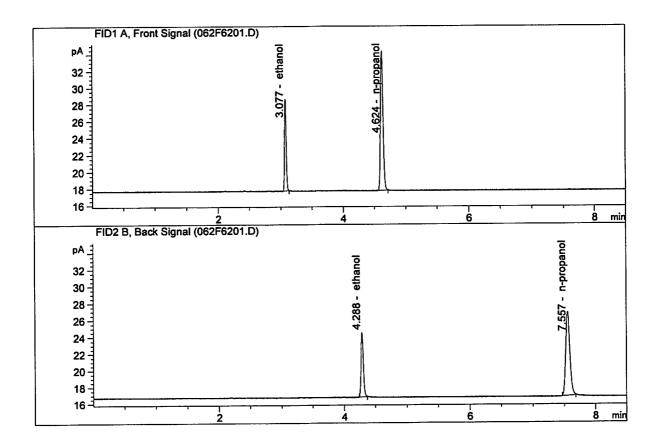
Calibration and control data are stored centrally.

Sample Name :	QC2-2-A
Laboratory :	Meridian
Injection Date :	Oct 3, 2018
Method :	ALCOHOL.M
Acq. Instrument:	CN11180014-CN11041167



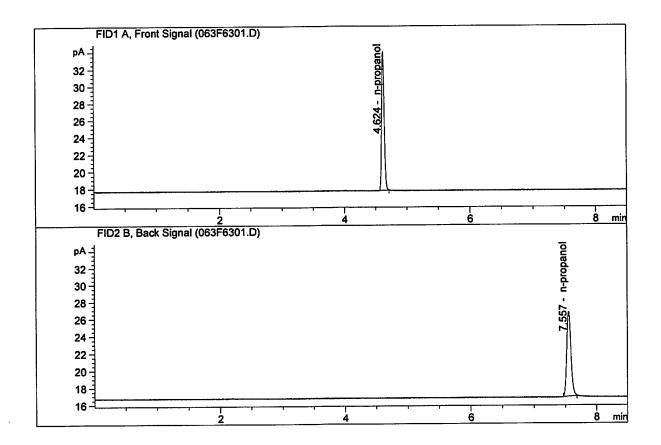
#	Compound	Column	Area	Amount	Units
2. 3.	Ethanol Ethanol n-Propanol n-Propanol	Column 1: Column 2: Column 1: Column 2:	19.68699 20.46762 46.51913 47.37093	0.2156 0.2163 1.0000 1.0000	g/100cc g/100cc g/100cc g/100cc

Sample Name :	QC2-2-B
Laboratory :	Meridian
Injection Date :	Oct 3, 2018
Method :	ALCOHOL.M
Acq. Instrument:	CN11180014-CN11041167



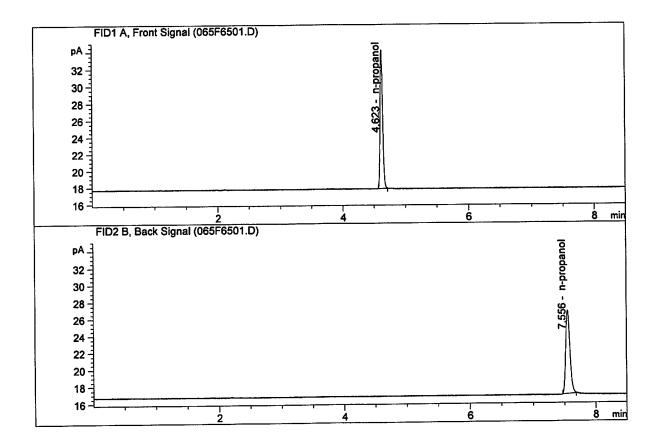
# Compound	Column	Area	Amount	Units
 Ethanol Ethanol n-Propanol n-Propanol 	Column 1:	19.77628	0.2135	g/100cc
	Column 2:	20.55068	0.2143	g/100cc
	Column 1:	47.20430	1.0000	g/100cc
	Column 2:	48.00821	1.0000	g/100cc

Sample Name	:	INTERNAL STD BLK
Laboratory	:	Meridian
Injection Date	:	Oct 3, 2018
Method	:	ALCOHOL.M
Acq. Instrument	::	CN11180014-CN11041167



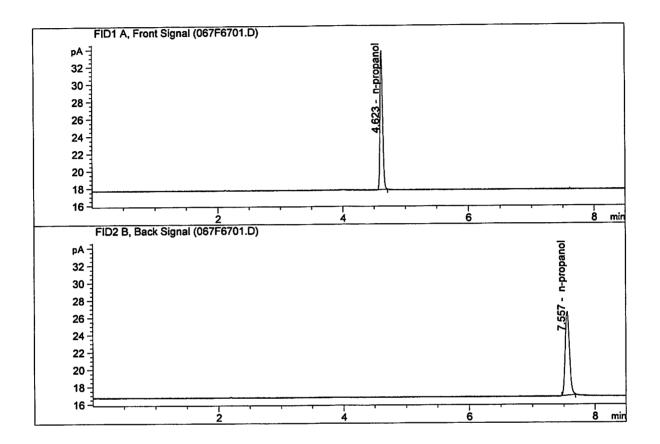
#	Compound	Column	Area	Amount	Units
2. 3.	Ethanol Ethanol n-Propanol n-Propanol	Column 1: Column 2: Column 1: Column 2:	0.00000 0.00000 46.22987 47.10333	0.0000 0.0000 1.0000 1.0000	g/100cc g/100cc g/100cc g/100cc

Sample Name :	INTERNAL STD BLK
Laboratory :	Meridian
Injection Date :	Oct 3, 2018
Method :	ALCOHOL.M
Acq. Instrument:	CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units	
3.	Ethanol Ethanol n-Propanol n-Propanol	Column 1: Column 2: Column 1: Column 2:	0.00000 0.00000 46.51777 47.34985	0.0000 0.0000 1.0000 1.0000	g/100cc g/100cc g/100cc g/100cc	

Sample Name :	INTERNAL STD BLK
Laboratory :	Meridian
Injection Date :	Oct 3, 2018
Method :	ALCOHOL.M
Acq. Instrument:	CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
1.	Ethanol Ethanol	Column 1: Column 2:	0.00000	0.0000 0.0000	g/100cc g/100cc
	n-Propanol n-Propanol	Column 1: Column 2:	45.54614 46.46135	1.0000 1.0000	g/100cc g/100cc

Sequence File C:\Chem32\...8_SAMPLES\10-02-18_SAMPLES 2018-10-02 16-11-30\10-02-18_SAMPLES.S

Sample Summary

Sequence table: C:\Chem32\l\Data\10-02-18_SAMPLES\10-02-18_SAMPLES 2019-10-02 16-11-30\10 02-18_SAMPLES_3 Data directory path: C:\Chem32\l\Data\10-02-18_SAMPLES\10-02-18_SAMPLES 2018-10-02 16-11-30\ C:\Chem32\l\Data\10-02-18_SAMPLES\10-02-18_SAMPLES 2018-10-02 16-11-30\10 G:\Chem32\l\Data\10-02-18_SAMPLES\10-02-18_SAMPLES 2018-10-02 16-11-30\10 Sequence Start: D:01/3/318 4:25:19 PM Sequence Serator: SUSTEM Method file name: C:\Chem32\l\Data\10-02-18_SAMPLES\10-02-18_SAMPLES 2018-10-02 16-11-30 \LCOMOL.M Muncation Inj Sample Name Sample Ant Multip: File name: C:\Chem32\l\Data\10-02-18_SAMPLES\10-02-18_SAMPLES 2018-10-02 16-11-30 \LCOMOL.M Muncation Inj Sample Name Sample Ant Multip: File name: C:\Chem32\l\Data\10-02-18_SAMPLES\10-02-18_SAMPLES 2018-10-02 16-11-30 \LCOMOL.M Muncation Inj Sample Name Sample Ant Multip: File name Cal 4 # 		Sampie Su	m m a r y			
02-18_SAMPLES.S Data directory path: C:\Chem32\llbata\l0-02-18_SAMPLES\l0-02-18_SAMPLES 2018-10-02 15-11-30\l C:\Chem32\llbata\l0-02-18_SAMPLES 2018-10-02 15-11-30\l C:\Chem32\llbata\l0-02-18_SAMPLES 2018-10-02 15-11-30\l C:\Chem32\llbata\l0-02-18_SAMPLES 2018-10-02 15-11-30\lbata\l0-02-18_SAMPLES 2018-10-02-18_SAMPLES 2018-10-02-18_SAMPLES 2018-02-18_SAMPLES 2018-02-02-02-02-02-02-02-02-02-02				10_02_10 CAMDLEC	2018-10-02	16-11-30\10
Data directory path: c:\Chem32\lData\l0-02-18_SAMPLES\l0-02-18_SAMPLES 2018-10-02 16-11-30\L Logbook: C:\Chem32\lData\l0-02-18_SAMPLES\l0-02-18_SAMPLES 2018-10-02 16-11-30\l 02-18_SAMPLES.LOG 02-18_SAMPLES.LOG Operator: SYSTEM Method file name: C:\Chem32\lData\l0-02-18_SAMPLES\l0-02-18_SAMPLES 2018-10-02 16-11-30 \ALCOHOL.M Method file name: C:\Chem32\lData\l0-02-18_SAMPLES\l0-02-18_SAMPLES 2018-10-02 16-11-30 \ALCOHOL.M Mun Location Trij Sample Name Sample Amt Multip.* File name Cal # # # # [G/100cc] Dilution Cep 1 1 INTERNAL STD ELK - 1.0000 00F90101.D 2 2 2 1 MIX VOL PN060415 - 1.0000 00F90101.D 4 4 4 1 QC1-1-8 - 1.0000 00F90510.D 4 4 5 1 0.08 FN04171701 - 1.0000 00F9051.D 4 5 6 1 0.08 FN04171701 - 1.0000 00F9051.D 4 5 6 1 0.08 FN04171701 - 1.0000 00F9051.D 6 8 8 1 M2018-4785-1-R - 1.0000 00F9051.D 6 10 10 1 M2018-4785-1-R - 1.0000 00F9051.D 6 11 11 M2018-4785-1-R - 1.0000 00F9051.D 6 12 11 M2018-4785-1-R - 1.0000 00F9051.D 4 13 13 M2018-4785-1-R - 1.0000 00F9051.D 6 14 14 M2018-4555.1-R - 1.0000 00F9051.D 6 15 11 M2018-4555.1-R - 1.0000 00F9051.D 4 15 11 M2018-4555.1-R - 1.0000 00F9051.D 4 16 11 11 M2018-4555.1-R - 1.0000 00F9051.D 6 10 10 1 M2018-4785-1-R - 1.0000 00F9051.D 4 13 13 M2018-4555.1-R - 1.0000 01F101.D 4 14 14 M2018-4555.1-R M43 - 1.0000 01F101.D 4 15 1 M2018-4555.1-R M43 - 1.0000 02F1201.D 4 16 2 1 M2018-4555.1-R M43 - 1.0000 02F1201.D 4 17 7 M2018-4555.1-R M43 - 1.0000 02F1201.D 4 17 7 M2018-4555.1-R M43 - 1.0000 02F1201.D 4 18 15 1 M2018-4555.1-R M43 - 1.0000 02F1201.D 4 19 5 M2018-4555.1-R M43 - 1.0000 02F1201.D 4 19 5 M2018-4555.1-R M43 - 1.0000 02F2201.D 4 10 4 10 4 M2018-4555.1-R M43 - 1.0000 02F2201.D 4 12 22 1 M2018-4555.1-R M43 - 1.0000 02F2201.D 4 12 22 1 M2018-4555.1-R M43 - 1.0000 02F2201.D 4 12 22 1 M2018-4555.1-R M44 - 1.0000 02F2201.D 4 12 22 1 M2018-4555.1-R M4	Sequence table:		0-02-18_SAMPLES	S/10-02-18_SAMPLES	2018-10-02	10-11-20/10
Logbook: C:\Chem32\1\Data\10-02-18_SAMPLES\10-02-18_SAMPLES 2018-10-02 16-11-30 O2-18_SAMPLES.LOG Sequence generator: SYSTEM Method file name: C:\Chem32\1\Data\10-02-18_SAMPLES\10-02-18_SAMPLES 2018-10-02 16-11-30 \ALCOHOL.M Method file name: C:\Chem32\1\Data\1\Data\10-02-18_SAMPLES\10-02-18_SAMPLES 2018-10-02 16-11-30 \ALCOHOL.M Method file name: C:\Chem32\1\Data\10-02-18_SAMPLES\10-02-18_SAMPLES 2018-10-02 16-11-30 \ALCOHOL.M Method file name: C:\Chem32\1\Data\10-02-18_SAMPLES\10-02-18_SAMPLES 2018-10-02 16-11-30 \ALCOHOL.M Method file name: C:\Chem32\1\Data\10-02-18_SAMPLES\10-00000000000000000000000000000000000		02-18_SAMPLES.S			0010 10 00	16 11 20
02-18_SAMPLES.LOG Sequence Operator: SYSTEM Method file name: C:\Chem32.1\Data\10-02-18_SAMPLES\10-02-18_SAMPLES 2018-10-02 16-11-30 ALCOHOL.M C:\Chem32.1\Data\10-02-18_SAMPLES\10-02-18_SAMPLES 2018-10-02 16-11-30 Run Location Inj Sample Name Sample Amt Multip.* File name Cal # # # (Chem32.1\Data) Cal # [m] 1 1 INTERNAL STD BLK - 1.0000 002F0201.D 10 3 1 QCL-1-A - 1.0000 003F001.D 4 4 1 QCL-1-B - 1.0000 003F001.D 4 5 1 0.08 <fn0317701-< td=""> - 1.0000 005F001.D 4 6 1 N2018-4785-1-B - 1.0000 005F001.D 6 1 1 N2018-4785-1-B - 1.0000 015F001.D 6 1 1 N2018-4785-1-B - 1.0000 015F101.D 4 1 1 N2018-4785-1-B -<td></td><td>$C:\Chem32\1\Data\1$</td><td>0-02-18_SAMPLES</td><td>S\10-02-18_SAMPLES</td><td>2018-10-02</td><td>16-11-30</td></fn0317701-<>		$C:\Chem32\1\Data\1$	0-02-18_SAMPLES	S\10-02-18_SAMPLES	2018-10-02	16-11-30
Bequence start: 10/2/2018 4:26:19 FM Sequence Operator: SYSTEM Method file name: C:\Chem32\l\Data\l0-2-18_SAMPLES\l0-02-18_SAMPLES 2018-10-02 16-11-30 \ALCOHOL.M Run Location Inj Sample Name Sample Ant Multip.* File name Cup 1 1 INTERNAL STD BKK 2 1 NIX VOL FN060415 - 1.0000 00270201.D 2 3 1 QC1-1-R - 1.0000 00270201.D 4 4 4 1 QC1-1-R - 1.0000 00270201.D 4 5 1 0.08 FN06171701- - 1.0000 0027001.D 6 7 1 M2018-4786-1-A - 1.0000 0027001.D 6 8 1 M2018-4786-1-A - 1.0000 0027001.D 6 11 1 M2018-4786-1-A - 1.0000 0027001.D 6 12 1 M2018-4786-1-A - 1.0000 012701.D 4 13 1 M2018-4786-1-A	Logbook:		0-02-18_SAMPLES	3\10-02-18_SAMPLES	2018-10-02	10-11-30/10
Sequence Operator: SYSTEM Method file name: C:\Chem32\1\Data\10-02-18_SAMPLES\10-02-18_SAMPLES 2018-10-02 16-11-30 \ALCOHOL.M Run Location Inj Sample Name Sample Amt Multip.* File name Cal # # # # Image: Cal Provide Sample Amt Multip.* File name Cal # 1 1 INTERNAL STD ELK 1.0000 001F0101.D 2 2.2 1 MIX VOL FN060415 1.0000 003F0301.D 4 4.4 1 QC1-1-B - 1.0000 005F0501.D 4 5.5 1.0.08 FN04171701- 1.0000 005F0501.D 4 6.6 1 0.08 FN04171701- 1.0000 005F0501.D 6 7 1 M2018-4785-1-B 1.0000 005F0501.D 6 11 1 M2018-4786-1-B 1.0000 005F0501.D 6 11 1 M2018-4786-1-B 1.0000 017101.D 6 12 1 M2018-4786-1-B 1.0000 0172101.D 4 13 1 M2018-45641-A M53 1.0000 0172101.D 4 14 1 M2018-45641-A M53 1.0000 0172101.D 4 14 1 M2018-45641-A M54 1.0000 0172101.D 4						
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Method file name: C:\Chem32\1\Data\10-02-18_SAMPLES\10-02-18_SAMPLES 2018-10-02 16-11-30 \ALCOHOL.M Run Location Inj Sample Name # Sample Amt Multip.* [g/100ce] File name Dilution Cal # Cop Cap 1 1 1 INTERNAL STD BLK - 1.0000 003F0301.D 2 2 1 MIX VOL FN660455 - 1.0000 003F0201.D 10 3 1 QC1-1-A - 1.0000 003F0201.D 4 4 1 QC1-1-B - 1.0000 003F0201.D 4 5 1 0.08 FN04171701- - 1.0000 003F0201.D 6 6 1 0.08 FN04171701- - 1.0000 008F0061.D 6 9 1 M2018-4785-1-B - 1.0000 008F0061.D 6 11 1 M2018-4785-1-B - 1.0000 018F1101.D 4 12 1 M2018-46641-B 1.0000 018F1101.D 4 12 1 M2018-466641-B	Operator:	SYSTEM				
VALCONDL.M Run Location Inj Sample Name Sample Amt Multip.* File name Cal # # ** ** ** Cmp 1 1 INTERNAL STD BLK - 1.0000 001F0101.D 2 2 1 MIX VOL FN00615 - 1.0000 002F0301.D 4 4 1 QCI-1-A - 1.0000 004F0401.D 4 5 1 0.06 FN04171701- - 1.0000 005F0501.D 4 6 1 0.08 FN04171701- - 1.0000 005F0501.D 4 7 1 M2018-4785-1-B - 1.0000 005F0501.D 6 9 1 M2018-4786-1-A - 1.0000 012F101.D 6 11 1 M2018-4786-1-A 1 1.0000 012F1201.D 4 12 1 M2018-4786-1-A 1 1.0000 012F1201.D 4 13 1 M2018-4786-1-A 1 1.0000 013F1301.D 4 14 1 M2018-46661-1-A						
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# # [G/100C2] Dilution Cup Provide 1 1 INTERNAL STD BLK - 1.0000 00170101.D 2 2 1 MIX VOL FN060415 - 1.0000 00270201.D 10 3 1 QC1-1-A - 1.0000 00470401.D 4 4 4 1 QC1-1-B - 1.0000 0047001.D 4 5 1 0.06 FN04171701- - 1.0000 00570501.D 4 6 6 1 0.08 FN04171701- - 1.0000 00570901.D 6 9 1 M2018-4786-1-B - 1.0000 00570901.D 6 10 1 M2018-4786-1-B - 1.0000 012F1201.D 4 11 1 M2018-45641-A 1.0000 012F1201.D 4 13 1 M2018-45641-A 1.0000 012F1201.D 4 14 1 M2018-45641-A 1.0000 014F1401.D 4 14 1 M2018-456641-A <t< td=""><td></td><td>\ALCOHOL.M</td><td></td><td></td><td></td><td></td></t<>		\ALCOHOL.M				
# # [G/100C2] Dilution Cup Provide 1 1 INTERNAL STD BLK - 1.0000 00170101.D 2 2 1 MIX VOL FN060415 - 1.0000 00270201.D 10 3 1 QC1-1-A - 1.0000 00470401.D 4 4 4 1 QC1-1-B - 1.0000 0047001.D 4 5 1 0.06 FN04171701- - 1.0000 00570501.D 4 6 6 1 0.08 FN04171701- - 1.0000 00570901.D 6 9 1 M2018-4786-1-B - 1.0000 00570901.D 6 10 1 M2018-4786-1-B - 1.0000 012F1201.D 4 11 1 M2018-45641-A 1.0000 012F1201.D 4 13 1 M2018-45641-A 1.0000 012F1201.D 4 14 1 M2018-45641-A 1.0000 014F1401.D 4 14 1 M2018-456641-A <t< td=""><td></td><td></td><td></td><td></td><td></td><td></td></t<>						
# # [G/100C2] Dilution Cup Provide 1 1 INTERNAL STD BLK - 1.0000 00170101.D 2 2 1 MIX VOL FN060415 - 1.0000 00270201.D 10 3 1 QC1-1-A - 1.0000 00470401.D 4 4 4 1 QC1-1-B - 1.0000 0047001.D 4 5 1 0.06 FN04171701- - 1.0000 00570501.D 4 6 6 1 0.08 FN04171701- - 1.0000 00570901.D 6 9 1 M2018-4786-1-B - 1.0000 00570901.D 6 10 1 M2018-4786-1-B - 1.0000 012F1201.D 4 11 1 M2018-45641-A 1.0000 012F1201.D 4 13 1 M2018-45641-A 1.0000 012F1201.D 4 14 1 M2018-45641-A 1.0000 014F1401.D 4 14 1 M2018-456641-A <t< td=""><td>Run Location Inj S</td><td>ample Name Sampl</td><td>e Amt Multip.*</td><td>File name</td><td>Cal #</td><td></td></t<>	Run Location Inj S	ample Name Sampl	e Amt Multip.*	File name	Cal #	
1 1	# #	[q/10	Occ] Dilution		Cmp	
1 1						
2 1 MIX VOL PN060415 - 1.0000 002F0201.D - 3 1 QC1-1-B - 1.0000 004F0401.D 4 4 1 QC1-1-B - 1.0000 004F0201.D 4 5 1 0.08 FN04171701- - 1.0000 005F0501.D 4 6 1 0.08 FN04171701- - 1.0000 005F0501.D 6 7 1 M2018-4785-1-B - 1.0000 005F001.D 6 9 1 M2018-4785-1-B - 1.0000 005F001.D 6 11 1 M2018-4564-1-B - 1.0000 015F101.D 4 12 1 M2018-4564-1-B 453' - 1.0000 015F101.D 4 13 1 M2018-4564-1-B 453' - 1.0000 015F101.D 4 14 14 1 M2018-45664-1-A M64' - 1.0000 015F101.D 4 14 1 M2018-45664-1-A M64' - 1.0000 015F101.D 4 16 1 M2018-45664-1-A M64' - 1.0000 02F2201.D 4 <td>1 1 1 INT</td> <td>ERNAL STD BLK -</td> <td>1.0000</td> <td>001F0101.D</td> <td>2</td> <td></td>	1 1 1 INT	ERNAL STD BLK -	1.0000	001F0101.D	2	
771M2018 4785 - 1 - A-1.000000770701.D681M2018 4785 - 1 - B-1.000000970901.D699M2018 4786 - 1 - A851-1.0000017101.D6111M2018 4786 - 1 - A851-1.0000017101.D412121M2018 4564.1 - B851-1.000001271201.D413131M2018 - 4564.1 - B 463 -1.000001271201.D414141M2018 - 4564.1 - B 463 -1.000001571501.D415151M2018 - 4564.1 - B 463 -1.000001571501.D416161M2018 - 4566.1 - A 466 -1.000001571701.D4181M2018 - 4566.1 - A 466 -1.00000157191.D42010M2018 - 4566.1 - A 466 -1.0000027201.D42111M2018 - 4566.1 - A 466 -1.00000272701.D42211M2018 - 4566.1 - A 466 -1.00000272701.D4221211M2018 - 4566.1 - A 466 -1.00000272701.D4221211M2018 - 4857.1 - A1.00000272701.D42311M2018 - 4857.1 - A1.00000272701.D4242411M2	2 2 1 MTX	VOL FN060415 -	1.0000	002F0201.D	10	
771M2018 4785 - 1 - A-1.000000770701.D681M2018 4785 - 1 - B-1.000000970901.D699M2018 4786 - 1 - A851-1.0000017101.D6111M2018 4786 - 1 - A851-1.0000017101.D412121M2018 4564.1 - B851-1.000001271201.D413131M2018 - 4564.1 - B 463 -1.000001271201.D414141M2018 - 4564.1 - B 463 -1.000001571501.D415151M2018 - 4564.1 - B 463 -1.000001571501.D416161M2018 - 4566.1 - A 466 -1.000001571701.D4181M2018 - 4566.1 - A 466 -1.00000157191.D42010M2018 - 4566.1 - A 466 -1.0000027201.D42111M2018 - 4566.1 - A 466 -1.00000272701.D42211M2018 - 4566.1 - A 466 -1.00000272701.D4221211M2018 - 4566.1 - A 466 -1.00000272701.D4221211M2018 - 4857.1 - A1.00000272701.D42311M2018 - 4857.1 - A1.00000272701.D4242411M2	3 3 1 001	-1-A -	1.0000	003F0301.D	4	
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29 29 1 M2018-4832-1-A 1.0000 030F3001.D 4 30 30 1 M2018-4892-1-B - 1.0000 031F3101.D 2 31 31 1 M2018-4919-1-A - 1.0000 032F3201.D 2 32 32 1 M2018-4922-1-A - 1.0000 032F3201.D 2 33 33 1 M2018-4922-1-B - 1.0000 034F3401.D 2 34 34 1 M2018-4926-1-A - 1.0000 035F3501.D 4 36 36 1 M2018-4926-1-B - 1.0000 03F3601.D 4 37 37 1 M2018-4931-1-A - 1.0000 03F3801.D 4 38 38 1 M2018-4935-1-A - 1.0000 03F3901.D 4 40 40 1 M2018-4935-1-B - 1.0000 040F4001.D 4 41 1 M2018-4936-1-A - 1.0000 041F4101.D 4 42 1	28 28 1 M2	018-4885-1-B -				
31 31 1 M2018-4919-1-A - 1.0000 031F3101.D 2 32 32 1 M2018-4919-1-B - 1.0000 032F3201.D 2 33 33 1 M2018-4922-1-A - 1.0000 033F3301.D 2 34 34 1 M2018-4922-1-B - 1.0000 034F3401.D 2 35 5 1 M2018-4926-1-A - 1.0000 035F3501.D 4 36 6 1 M2018-4926-1-B - 1.0000 036F3601.D 4 37 37 1 M2018-4931-1-A - 1.0000 037F3701.D 4 38 8 1 M2018-4931-1-B - 1.0000 039F3901.D 4 39 39 1 M2018-4935-1-A - 1.0000 039F3901.D 4 40 40 1 M2018-4935-1-B - 1.0000 040F4001.D 4 41 41 1 M2018-4936-1-A - 1.0000 041F4101.D 4	29 29 1 M2	018-4892-1-A -				
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34 34 1 M2018-4922-1-B 1.0000 035F3501.D 4 35 35 1 M2018-4926-1-A - 1.0000 036F3601.D 4 36 36 1 M2018-4926-1-B - 1.0000 036F3601.D 4 37 37 1 M2018-4931-1-A - 1.0000 037F3701.D 4 38 38 1 M2018-4931-1-B - 1.0000 038F3801.D 4 39 39 1 M2018-4935-1-A - 1.0000 039F3901.D 4 40 40 1 M2018-4935-1-B - 1.0000 040F4001.D 4 41 1 M2018-4936-1-A - 1.0000 041F4101.D 4 42 42 1 M2018-4936-1-B - 1.0000 042F4201.D 4	33 33 1 M2	018-4922-1-A				
36 36 1 M2018-4926-1-B - 1.0000 036F3601.D 4 37 37 1 M2018-4931-1-A - 1.0000 037F3701.D 4 38 38 1 M2018-4931-1-B - 1.0000 038F3801.D 4 39 39 1 M2018-4935-1-A - 1.0000 039F3901.D 4 40 40 1 M2018-4935-1-B - 1.0000 040F4001.D 4 41 41 1 M2018-4936-1-A - 1.0000 041F4101.D 4 42 42 1 M2018-4936-1-B - 1.0000 042F4201.D 4	34 34 1 M2	018-4922-1-B ·				
36 36 1 M2018-49320-1-B 1.0000 037F3701.D 4 37 37 1 M2018-4931-1-A - 1.0000 037F3701.D 4 38 38 1 M2018-4931-1-B - 1.0000 038F3801.D 4 39 39 1 M2018-4935-1-A - 1.0000 039F3901.D 4 40 40 1 M2018-4935-1-B - 1.0000 040F4001.D 4 41 41 1 M2018-4936-1-A - 1.0000 041F4101.D 4 42 42 1 M2018-4936-1-B - 1.0000 042F4201.D 4	35 35 1 M2	018-4926-1-A				
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39 39 1 M2018-4935-1-A - 1.0000 039F3901.D 4 40 40 1 M2018-4935-1-B - 1.0000 040F4001.D 4 41 41 1 M2018-4936-1-A - 1.0000 041F4101.D 4 42 42 1 M2018-4936-1-B - 1.0000 042F4201.D 4 43 43 1 M2018-4937-1-A - 1.0000 043F4301.D 4	37 37 1 M2	018-4931-1-A				
40 1 M2018-4935-1-B - 1.0000 040F4001.D 4 41 1 M2018-4936-1-A - 1.0000 041F4101.D 4 42 42 1 M2018-4936-1-B - 1.0000 042F4201.D 4 43 43 1 M2018-4937-1-A - 1.0000 043F4301.D 4	38 38 1 M2	018-4931-1-B				
41 41 1 M2018-4936-1-A - 1.0000 041F4101.D 4 42 42 1 M2018-4936-1-B - 1.0000 042F4201.D 4 43 43 1 M2018-4937-1-A - 1.0000 043F4301.D 4	39 39 1 M2	018-4935-1-A				
41 1 M2018-4936-1-B - 1.0000 042F4201.D 4 42 42 1 M2018-4937-1-A - 1.0000 043F4301.D 4	40 40 1 M2	018-4935-1-B				
$42 \ 42 \ 1 \ M2018 - 4937 - 1 - A \ - \ 1.0000 \ 043F4301.D \ 4$	41 41 1 M2	018-4936-1-A				
43 43 1 M2018-4937-1-A - 1.0000 043F4301.D 4	42 42 1 M2	018-4936-1-B				
	43 43 1 M2	018-4937-1-A	- 1.0000	043F4301.D	4	Nr.
						40

Sequence File C:\Chem32\...8_SAMPLES\10-02-18_SAMPLES 2018-10-02 16-11-30\10-02-18_SAMPLES.S

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45	45	1	M2018-4938-1-A	-	1.0000	045F4501.D	2
46	46	1	M2018-4938-1-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	M2018-4939-1-A	-	1.0000	049F4901.D	2
50	50	1	M2018-4939-1-B	-	1.0000	050F5001.D	2
51	51	1	M2018-4940-1-A	-	1.0000	051F5101.D	2
52	52	1	M2018-4940-1-B	-	1.0000	052F5201.D	2
53	53	1	P2018-2725-1-A	-	1.0000	053F5301.D	4
54	54	1	P2018-2725-1-B	-	1.0000	054F5401.D	4
55	55	1	P2018-2727-1-A	-	1.0000	055F5501.D	2
56	56	1	P2018-2727-1-B	-	1.0000	056F5601.D	2
57	57	1	P2018-2758-1-A	-	1.0000	057F5701.D	4
58	58	1	P2018-2758-1-B	-	1.0000	058F5801.D	4
59	59	1	P2018-2771-1-A	-	1.0000	059 F5901.D	4
60	60	1	P2018-2771-1-B	-	1.0000	060F6001.D	4
61	61	1	QC2-2-A	-	1.0000	061F6101.D	4
62	62	1	QC2-2-B	-	1.0000	062F6201.D	4
63	63	1	INTERNAL STD BLK	-	1.0000	063F6301.D	2
64	64	1	TFE 111914	-	1.0000	064F6401.D	2
65	65	1	INTERNAL STD BLK	-	1.0000	065F6501.D	2
66	66	1	DFE 111914OM	-	1.0000	066F6601.D	2
	67	1	INTERNAL STD BLK	-	1.0000	067F6701.D	2

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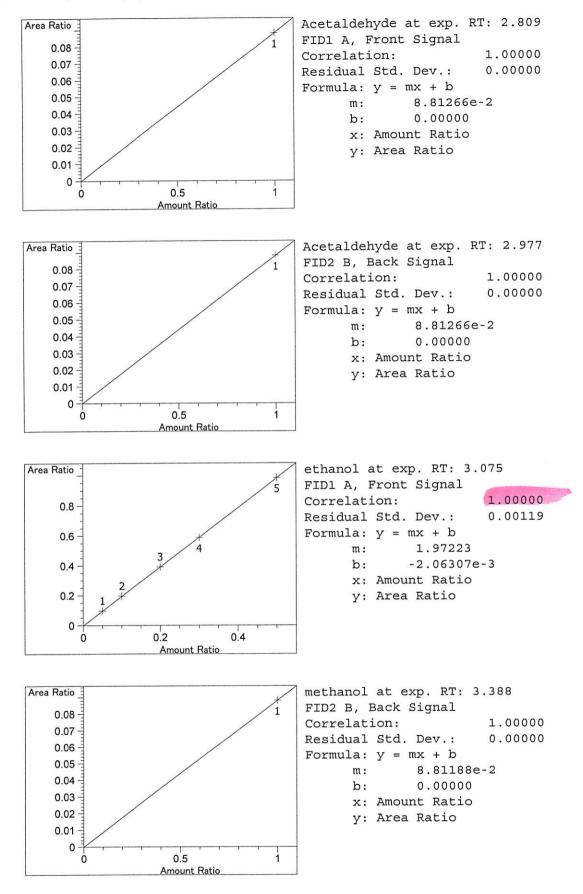
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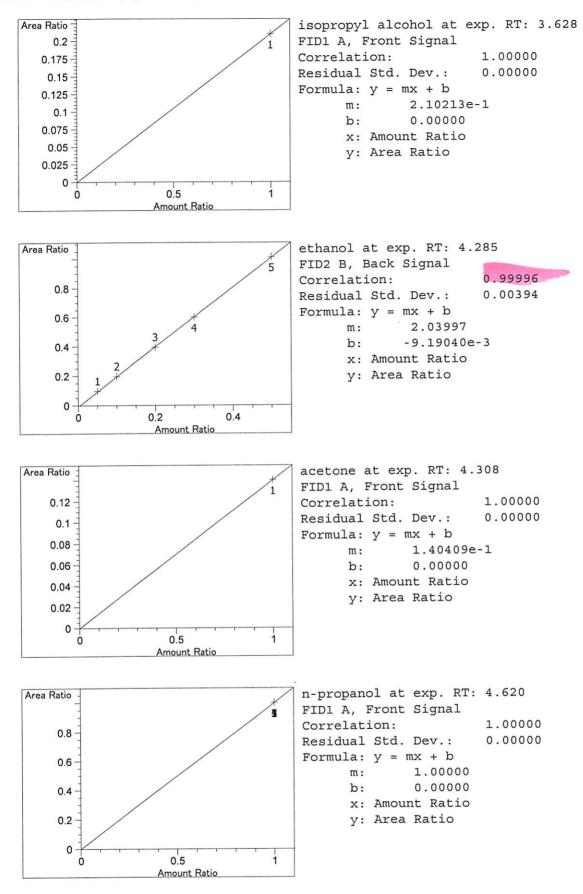
Method C:\CHEM32\1\METHODS\ALCOHOL.M

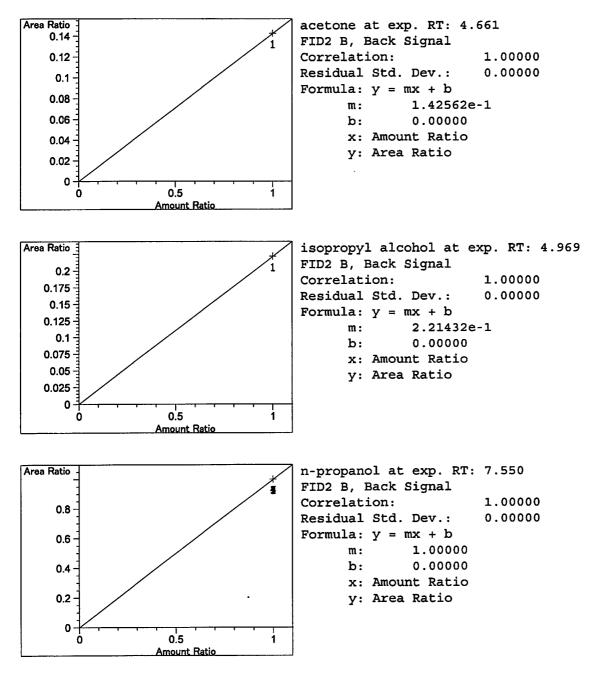
______ Calibration Table -----General Calibration Setting -----Calib. Data Modified : Tuesday, October 02, 2018 3:34:53 PM Signals calculated separately : No Rel. Reference Window : 0.000 % Abs. Reference Window : 0.100 min Abs. Reference window :0.100 minRel. Non-ref. Window :0.000 %Abs. Non-ref. Window :0.100 minUncalibrated Peaks :not reportedPartial Calibration :Yes, identified peaks are recalibratedCorrect All Ret. Times:No, only for identified peaks Linear Curve Type : Ignored : Origin Equal Weight : 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 Name # [g/100cc] 1.00000 n-propanol 1 1.00000 n-propanol 2 ----------Signal Details _____ Signal 1: FID1 A, Front Signal Signal 2: FID2 B, Back Signal _____ _____ Overview Table _____

CN11180014-CN11041167 10/2/2018 3:58:46 PM SYSTEM

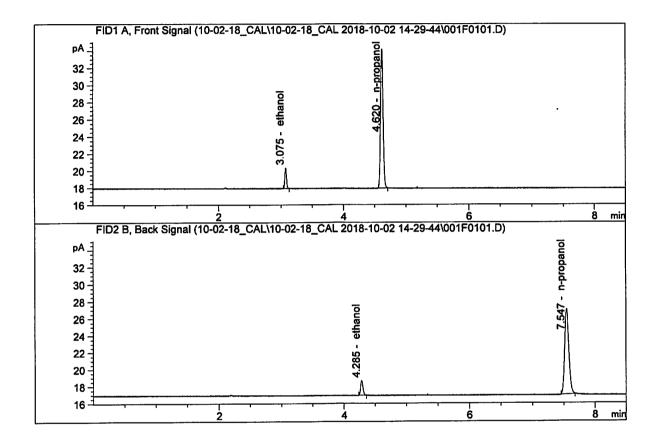
Rsp.Factor Ref ISTD # Compound RT Sig Lvl Amount Area [g/100cc] 1.000003.696692.70512e-1NoNo1methanol1.000004.261002.34687e-1NoNo2Acetaldehyde1.000004.261002.34687e-1NoNo2Acetaldehyde 2.586 1 1 2.809 1 1 2.977 2 1 3.075 1 1 5.00000e-2 4.51034 1.10856e-2 No No 1 ethanol 2 1.00000e-1 9.14883 1.09304e-2 3 2.00000e-1 18.33883 1.09058e-2 4 3.00000e-1 27.72149 1.08219e-2 5 5.00000e-1 45.75658 1.09274e-2 1.00000 4.26062 2.34707e-1 No No 2 methanol 3.388 2 1 1.00000 9.73055 1.02769e-1 No No 1 isopropyl alcohol 3.628 1 1 4.285 2 1 5.00000e-2 4.65279 1.07462e-2 No No 2 ethanol 2 1.00000e-1 9.51693 1.05076e-2 3 2.00000e-1 19.07490 1.04850e-2 4 3.00000e-1 29.11650 1.03034e-2 5 5.00000e-1 48.42757 1.03247e-2 1.00000 6.49940 1.53860e-1 No No 1 acetone 4.308 1 1 1.00000 46.28908 2.16034e-2 No Yes 1 n-propanol 4.620 1 1 1.00000 46.89489 2.13243e-2 2 1.00000 46.75912 2.13862e-2 3 1.00000 47.14431 2.12115e-2 4 1.00000 46.45320 2.15270e-2 5 1.00000 6.89301 1.45075e-1 No No 2 acetone 4.661 2 1 1.00000 10.70642 9.34019e-2 No No 2 isopropyl alcohol 4.969 2 1 1.00000 48.35091 2.06821e-2 No Yes 2 n-propanol 7.550 2 1 1.00000 48.66436 2.05489e-2 2 1.00000 48.36354 2.06767e-2 3 1.00000 48.51223 2.06134e-2 4 47.77639 2.09308e-2 5 1.00000 _____ _____ Peak Sum Table -----***No Entries in table*** _____ 1 Warnings or Errors : Warning : Curve requires more calibration points., (methanol) Calibration Curves methanol at exp. RT: 2.586 Area Ratio FID1 A, Front Signal 0.07 Correlation: 1.00000 0.06 Residual Std. Dev.: 0.00000 0.05 Formula: y = mx + bm: 7.98611e-2 0.04 b: 0.00000 0.03 x: Amount Ratio 0.02 y: Area Ratio 0.01 -0 0.5 1 Ω Amount Ratio





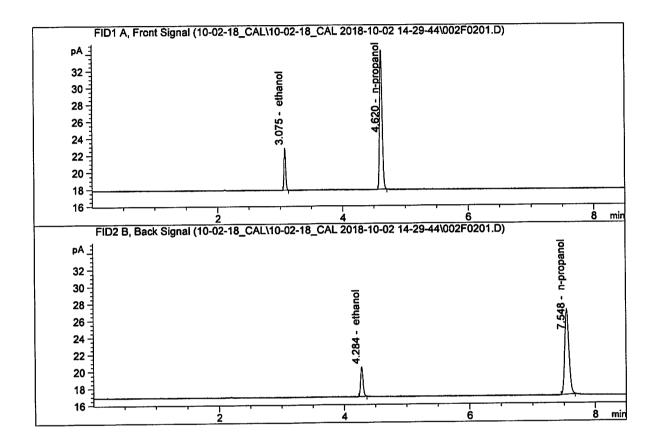


Sample Name	:	0.050 FN06231406
Laboratory	:	Meridian
Injection Date	:	Oct 2, 2018
Method	:	ALCOHOL.M
Acq. Instrument	::	CN11180014-CN11041167



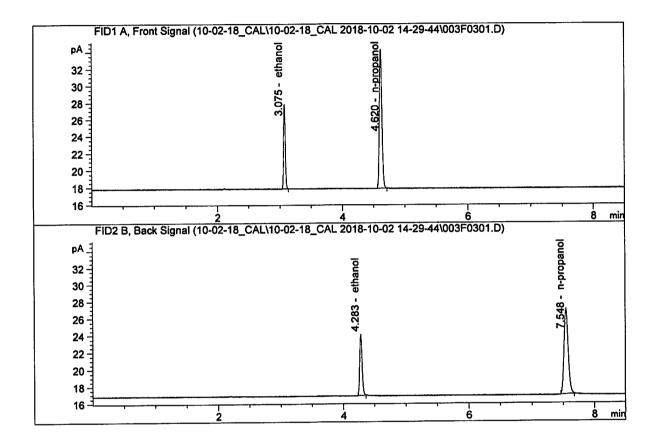
# Compound	Column	Area	Amount	Units
 Ethanol Ethanol n-Propan n-Propan 		4.51034 4.65279 46.28908 48.35091	0.0505 0.0517 1.0000 1.0000	g/100cc g/100cc g/100cc g/100cc

Sample Name :	0.100 FN08101601
Laboratory :	Meridian
Injection Date :	Oct 2, 2018
Method :	ALCOHOL.M
Acq. Instrument:	CN11180014-CN11041167



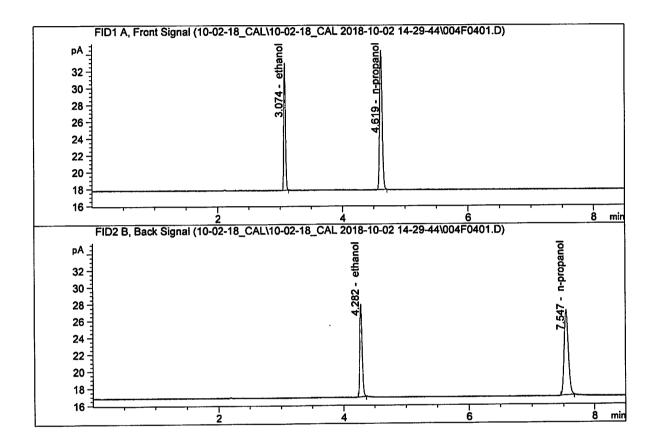
#	Compound	Column	Area	Amount	Units
2. 3.	Ethanol Ethanol n-Propanol n-Propanol	Column 1: Column 2: Column 1: Column 2:	9.14883 9.51693 46.89489 48.66436	0.1000 0.1004 1.0000 1.0000	g/100cc g/100cc g/100cc g/100cc

Sample Name :	0.200 FN12011401
Laboratory :	Meridian
Injection Date :	Oct 2, 2018
Method :	ALCOHOL.M
Acq. Instrument:	CN11180014-CN11041167



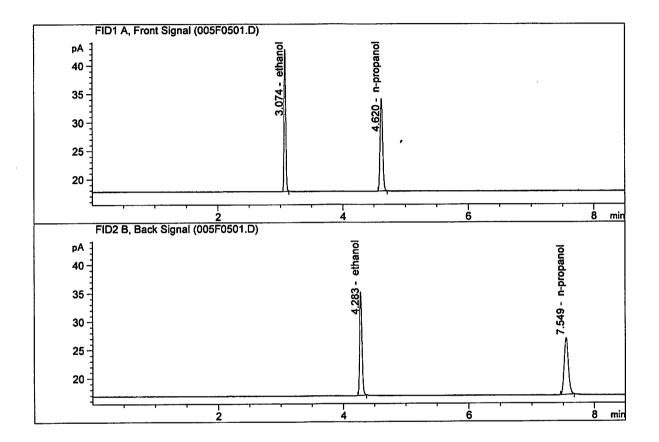
#	Compound	Column	Area	Amount	Units
2. 3.	Ethanol Ethanol n-Propanol n-Propanol	Column 1: Column 2: Column 1: Column 2:	18.33883 19.07490 46.75912 48.36354	0.1999 0.1978 1.0000 1.0000	g/100cc g/100cc g/100cc g/100cc

Sample Name :	0.300 FN02121601
Laboratory :	Meridian
Injection Date :	Oct 2, 2018
Method :	ALCOHOL.M
Acq. Instrument:	CN11180014-CN11041167



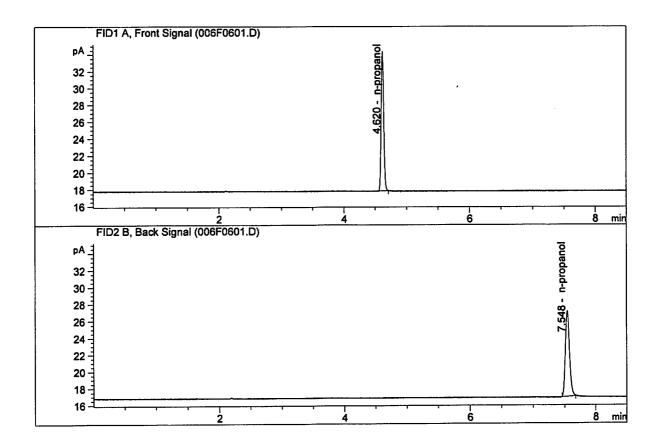
#	Compound	Column	Area	Amount	Units
	Ethanol	Column 1:	27.72149	0.2992	g/100cc
	Ethanol	Column 2:	29.11650	0.2987	g/100cc
	n-Propanol	Column 1:	47.14431	1.0000	g/100cc
	n-Propanol	Column 2:	48.51223	1.0000	g/100cc

Sample Name :	0.500 FN08031602
Laboratory :	Meridian
Injection Date :	Oct 2, 2018
Method :	ALCOHOL.M
Acq. Instrument:	CN11180014-CN11041167



# Compound	Column	Area	Amount	Units
 Ethanol Ethanol n-Propanol n-Propanol 	Column 1:	45.75658	0.5005	g/100cc
	Column 2:	48.42757	0.5014	g/100cc
	Column 1:	46.45320	1.0000	g/100cc
	Column 2:	47.77639	1.0000	g/100cc

Sample Name	:	INTERNAL STANDARD BLANK
Laboratory	:	Meridian
Injection Date	:	Oct 2, 2018
Method	:	ALCOHOL.M
Acq. Instrument	::	CN11180014-CN11041167

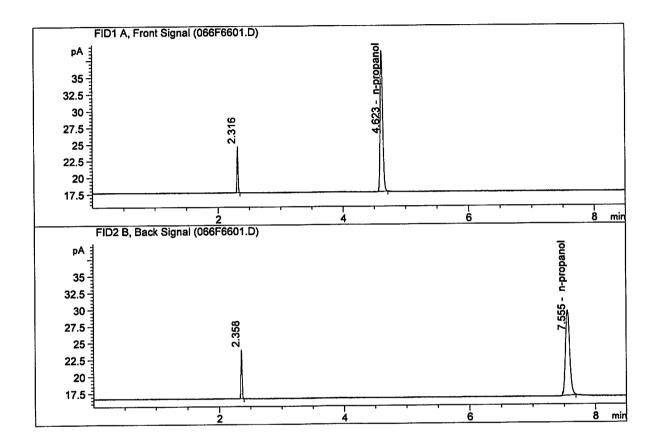


# Compound	Column	Area	Amount	Units
 Ethanol Ethanol Thermal and the second s	Column 1:	0.00000	0.0000	g/100cc
	Column 2:	0.00000	0.0000	g/100cc
	Column 1:	47.09598	1.0000	g/100cc
	Column 2:	48.42958	1.0000	g/100cc

Sequence File C:\Chem32\1\Data\10-02-18_CAL\10-02-18_CAL 2018-10-02 14-29-44\10-02-18_CAL.S

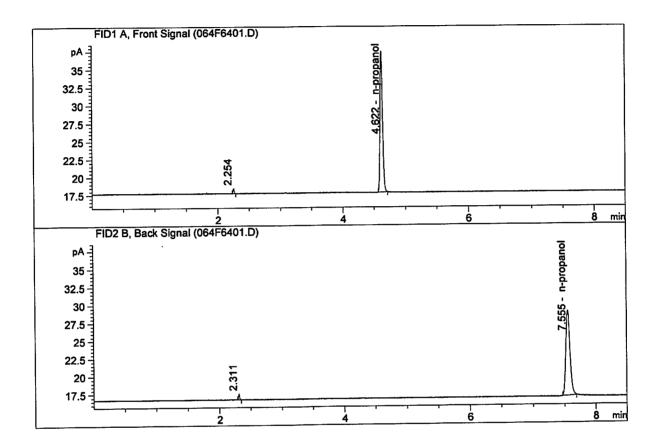
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Operator:	SYSTEM						
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Run Location Inj : # #	Sample Name Sa	ample Amt g/100cc]	Multip.* Dilution	File name	Cal	# Cmp	ALCOHOL.M
Run Location Inj	Sample Name Sa	ample Amt g/100cc]	Multip.* Dilution	File name	Cal	# Cmp	ALCOHOL.M
Run Location Inj ; # # 	Sample Name Sa	ample Amt g/100cc] 	Multip.* Dilution	File name	Cal *	# Cmp 4	ALCOHOL.M
Run Location Inj : # # 	Sample Name Sa [9] 	ample Amt g/100cc] 	Multip.* Dilution 1.0000 1.0000	File name 001F0101.D 002F0201.D	Cal * *	# Cmp 4 4	ALCOHOL.M
Run Location Inj # # 1 1 1 0. 2 2 1 0.	Sample Name Sample Name Sample Sam Sample Sample S Sample Name Sample S Sample Sample	ample Amt g/100cc] -	Multip.* Dilution 1.0000 1.0000	File name 	Cal * *	# Cmp 4 4	ALCOHOL.M
Run Location Inj # # 1 1 1 0. 2 2 1 0. 3 3 1 0.	Sample Name Sa [9 050 FN06231406 100 FN08101601	ample Amt g/100cc] - -	Multip.* Dilution 1.0000 1.0000 1.0000	File name 001F0101.D 002F0201.D	Cal * *	# Cmp 4 4 4 4	ALCOHOL.M
Run Location Inj # # 1 1 1 0. 2 2 1 0. 3 3 1 0. 4 4 1 0.	Sample Name Sa [9 050 FN06231406 100 FN08101601 200 FN12011401	ample Amt g/100cc] - - -	Multip.* Dilution 1.0000 1.0000 1.0000 1.0000 1.0000	File name 001F0101.D 002F0201.D 003F0301.D	Cal * *	# Cmp 4 4	ALCOHOL.M

Sample Name :	DFE 111914OM
Laboratory :	Meridian
Injection Date :	Oct 3, 2018
Method :	ALCOHOL.M
Acq. Instrument:	CN11180014-CN11041167



# Compound	Column	Area	Amount	Units
 Ethanol Ethanol n-Propance n-Propance 		0.00000 0.00000 59.29100 60.87665	0.0000 0.0000 1.0000 1.0000	g/100cc g/100cc g/100cc g/100cc

Sample Name :	TFE 111914
Laboratory :	Meridian
Injection Date :	Oct 3, 2018
Method :	ALCOHOL.M
Acq. Instrument:	CN11180014-CN11041167



#	Compound	Column	Area	Amount	Units
2. 3.	Ethanol Ethanol n-Propanol n-Propanol	Column 1: Column 2: Column 1: Column 2:	0.00000 0.00000 55.59098 57.03930	0.0000 0.0000 1.0000 1.0000	g/100cc g/100cc g/100cc g/100cc