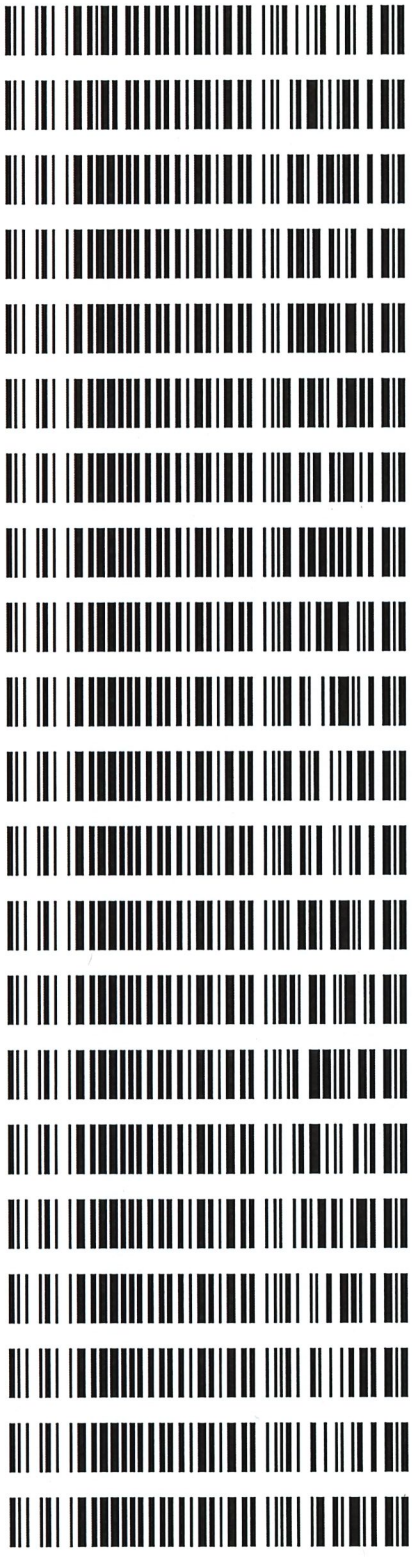
REVIEWED
By Anne Nord at 3:22 pm, Jun 10, 2022

6/8/2022

Worklist: 5972

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
M2022-2030	1	BCK	Alcohol Analysis
M2022-2207	3	BCK	Alcohol Analysis
P2022-1521	1	BCK	Alcohol Analysis
P2022-1522	1	BCK	Alcohol Analysis
P2022-1523	1	BCK	Alcohol Analysis
P2022-1565	2	BCK	Alcohol Analysis
P2022-1568	1	BCK	Alcohol Analysis
P2022-1569	1	BCK	Alcohol Analysis
P2022-1574	1	BCK	Alcohol Analysis
P2022-1576	1	BCK	Alcohol Analysis
P2022-1577	1	BCK	Alcohol Analysis
P2022-1578	1	BCK	Alcohol Analysis
P2022-1597	1	BCK	Alcohol Analysis
P2022-1652	1	BCK	Alcohol Analysis
P2022-1673	1	BCK	Alcohol Analysis
P2022-1689	1	BCK	Alcohol Analysis
P2022-1691	1	BCK	Alcohol Analysis
P2022-1707	1	BCK	Alcohol Analysis
P2022-1709	1	BCK	Alcohol Analysis
P2022-1710	1	BCK	Alcohol Analysis
P2022-1712	1	BCK	Alcohol Analysis



REVIEWED
By Jeremy Johnston at 12:34 pm, Jun 12, 2022

Worklist: 5972

LAB_CASE	ITEM	ITEM_TYPE	DESCRIPTION
P2022-1720	1	BCK	Alcohol Analysis
P2022-1745	1	BCK	Alcohol Analysis
P2022-1746	1	BCK	Alcohol Analysis

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: ML600GB9897

Volatiles Quality Assurance Controls **Run Date(s): 6/8/22**

Calibration Date: *(if different)* **5/31/22 by T. Salazar**

Worklist #: 5972

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jul-23	1907006	0.0764	0.0688-0.0840	0.0734 g/100cc
					0.0784 g/100cc
					g/100cc
Level 2	Jul-23	1907007	0.2170	0.1953-0.2387	0.2116 g/100cc
					0.2227 g/100cc
					g/100cc

Multi-Component mixture:	Exp:	Oct-24	Lot #	FN06041902	ok
Curve Fit:		Column 1	0.99996	Column2	0.99990

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0513	0.0521	0.0008	0.0517
100	0.100	0.090 - 0.110	0.0996	0.0995	1E-04	0.0995
200	0.200	0.180 - 0.220	0.1989	0.1983	0.0006	0.1986
300	0.300	0.270 - 0.330	0.2991	0.2984	0.0007	0.2987
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5008	0.5014	0.0006	0.5011

Internal Standard	Average	(-) 20%	(+) 20%
N-Propanol:	177089.4	141671.5	212507.2

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall Results
80	0.080	0.076 - 0.084	0.079 g/100cc

RC

Revision: 4
Issue Date: 01/24/2022
Issuing Authority: Quality Manager

Internal Standard Monitoring Worksheet

Worklist #: 5972 **Run Date(s):** 6/8/22

Internal Standard Solution: 052022	Prep Date: 05/20/22	Exp Date: 11/20/22

Sample Name	Column 1 Value	Column 2 Value	Average
0.080	168596	180117	174356.5
0.080	168572	180099	174335.5
QC1	168035	177464	172749.5
QC1	169166	180820	174993
QC1	171458	183074	177266
QC1	171349	183152	177250.5
QC1			#DIV/0!
QC1			#DIV/0!
QC2	164941	175843	170392
QC2	166379	177356	171867.5
QC2	180987	193168	187077.5
QC2	184520	196691	190605.5
QC2			#DIV/0!
QC2			#DIV/0!

Combined Average	(-)20%	(+)20%
177089.4	141671.5	212507.2

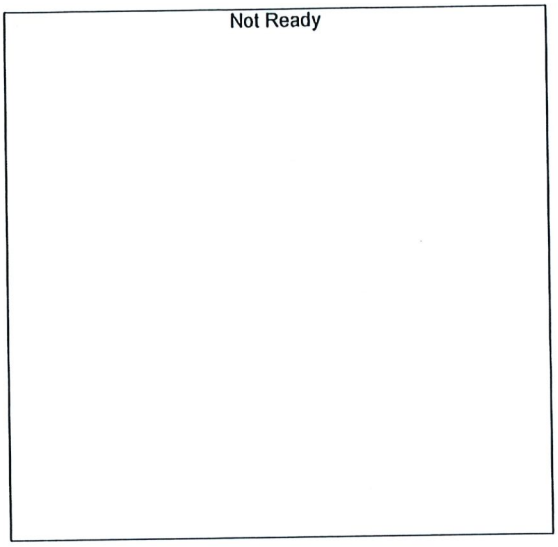
SRC

TS
RC

Calibration Table

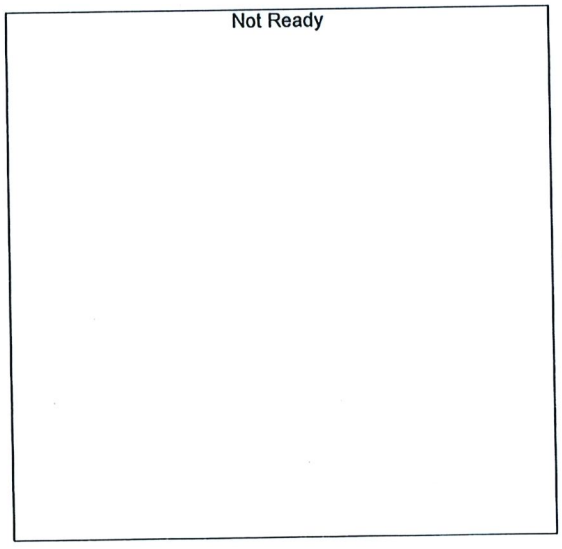
Laboratory: Pocatello
Instrument Name : GC2030-HS20

<<Data File>>
Method File :C:\LabSolutions\Data\2022\5-31-22 TS\ALCOHOL.gcm
Batch File :C:\LabSolutions\Data\2022\5-31-22 TS\05-31-22 TS.gcb
Date Acquired :5/31/2022 11:27:23 AM
Date Created :5/31/2022 11:23:58 AM
Date Modified :6/1/2022 2:49:56 PM



Name : METHANOL
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

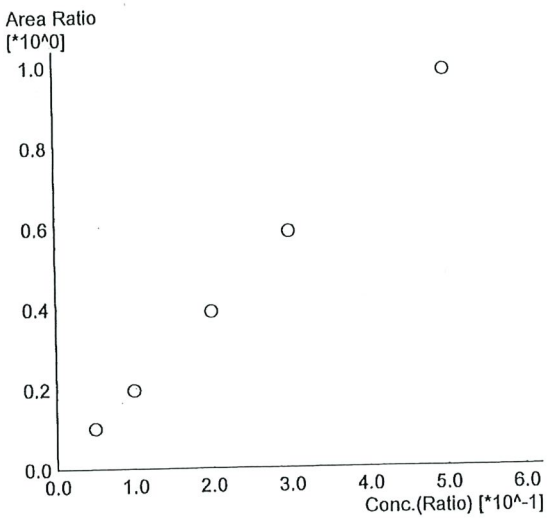
#	Conc.	Area	Std. Conc.	Data File Name



Name : ACETALDEHYDE
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name

Name : ETHANOL
Detector Name: FID1
Function : f(x)=1.96574*x+3.20976e-005
R^2 value= 0.9999668
FitType: Linear
ZeroThrough: Not Through



#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	15801	0.0513	0.050_5312022_001.gcd
2	0.100	32254	0.0996	0.100_5312022_002.gcd
3	0.200	65706	0.1989	0.200_5312022_003.gcd
4	0.300	99244	0.2991	0.300_5312022_004.gcd
5	0.500	166031	0.5008	0.500_5312022_005.gcd

Not Ready

Name : ISOPROPYL ALCOHOL
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name

Not Ready

Name : ACETONE
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name

Not Ready

Name : DFE
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name

Not Ready

Name : TFE
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name

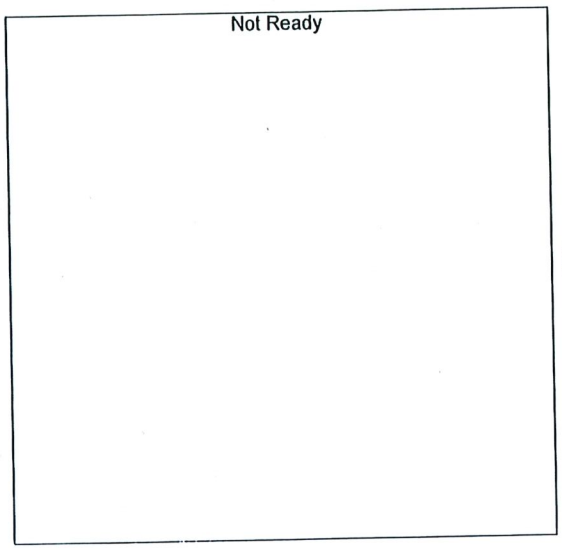
Not Ready

Name : ACETALDEHYDE
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name

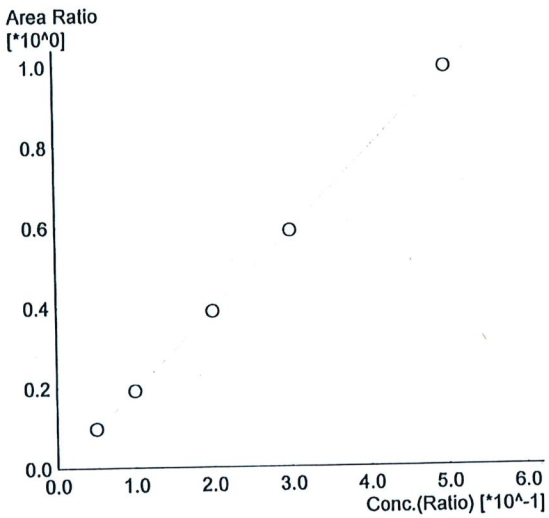
TS

RC



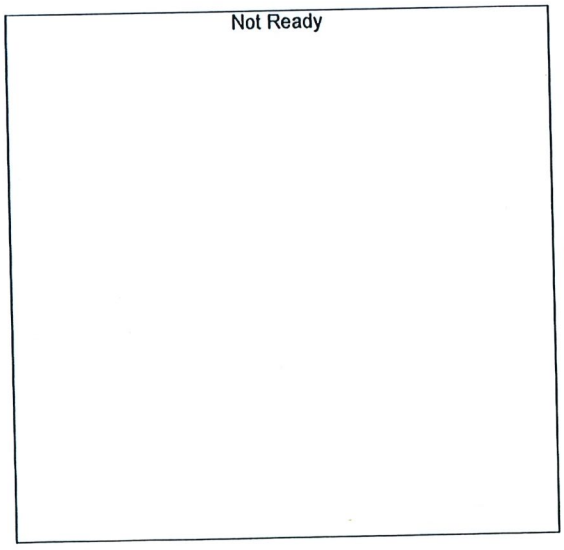
Name : METHANOL
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name



Name : ETHANOL
Detector Name: FID2
Function : f(x)=1.99241*x-0.00677218
R^2 value= 0.9999061
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	16087	0.0521	0.050_5312022_001.gcd
2	0.100	33494	0.0995	0.100_5312022_002.gcd
3	0.200	69269	0.1983	0.200_5312022_003.gcd
4	0.300	105286	0.2984	0.300_5312022_004.gcd
5	0.500	177378	0.5014	0.500_5312022_005.gcd



Name : ACETONE
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name

Not Ready

Name : ISOPROPYL ALCOHOL
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name

Not Ready

Name : DFE
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name

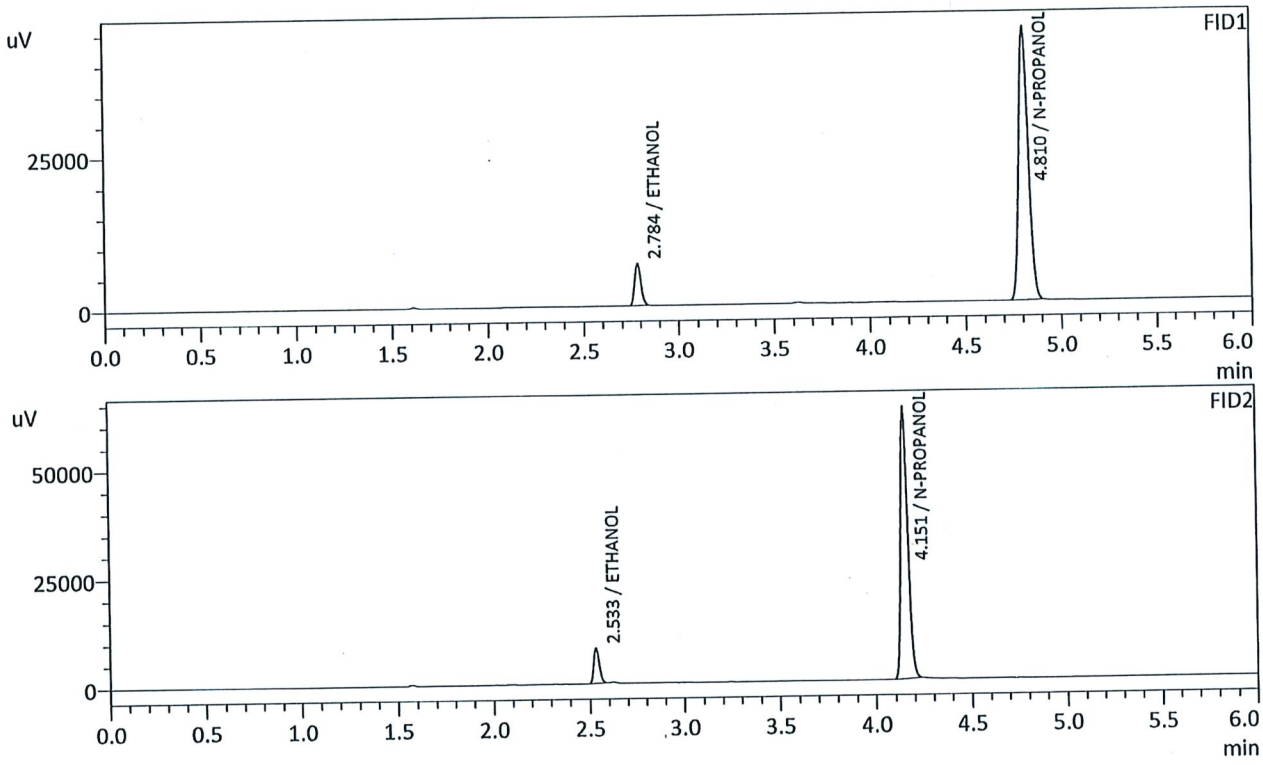
Not Ready

Name : TFE
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name

TS
RC

Sample Name : 0.050
Vial # : 1
Data Filename : 0.050_5312022_001.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 05-31-22 TS.gcb
Date Acquired : 5/31/2022 10:49:17 AM
Date Processed : 6/1/2022 2:49:49 PM
C:\LabSolutions\Data\2022\5-31-22 TS\ALCOHOL.gcm



FID1

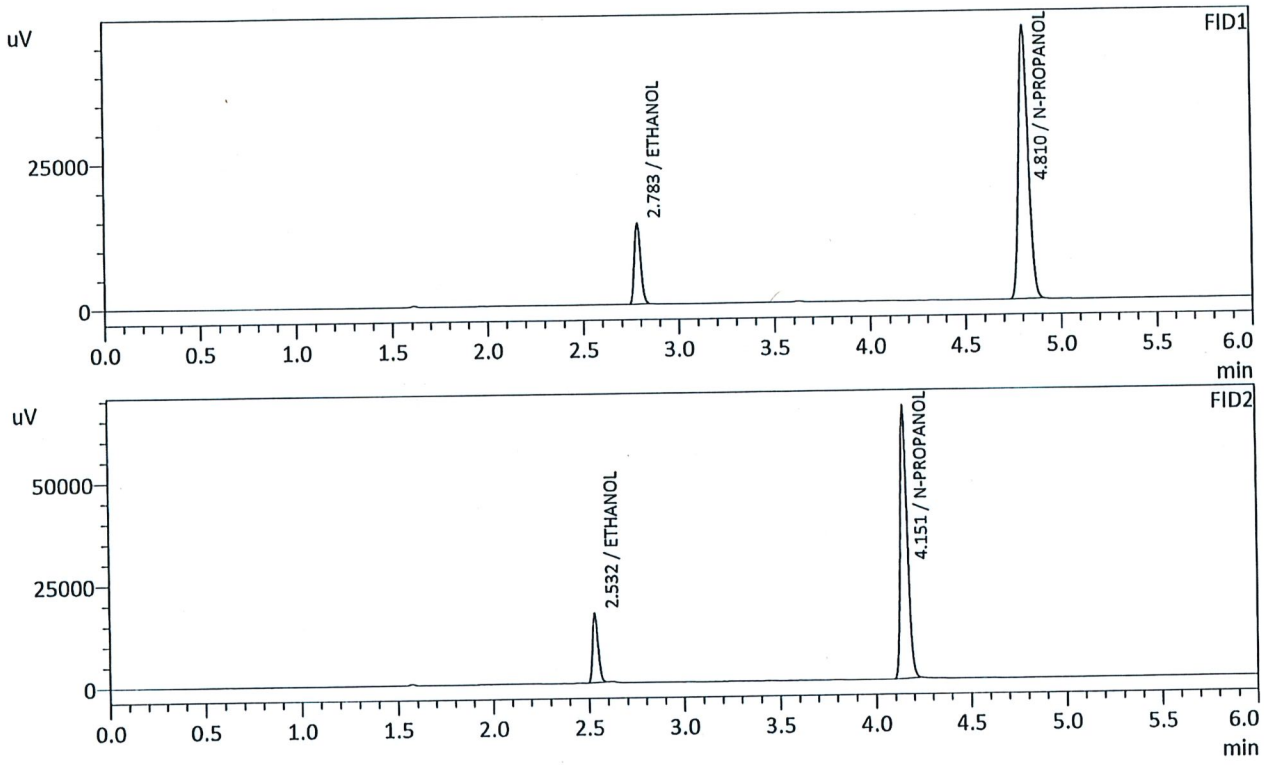
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0513	g/100cc	15801	6794
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	156560	44759
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0521	g/100cc	16087	8012
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	165535	62564
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS
CRC

Sample Name : 0.100
Vial # : 2
Data Filename : 0.100_5312022_002.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 05-31-22 TS.gcb
Date Acquired : 5/31/2022 10:58:46 AM
Date Processed : 6/1/2022 2:49:51 PM
C:\LabSolutions\Data\2022\5-31-22 TS\ALCOHOL.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0996	g/100cc	32254	13857
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164587	46993
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0995	g/100cc	33494	16862
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	174842	66508
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name : 0.200
Vial # : 3
Data Filename : 0.200_5312022_003.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 05-31-22 TS.gcb
Date Acquired : 5/31/2022 11:08:07 AM
Date Processed : 6/1/2022 2:49:53 PM
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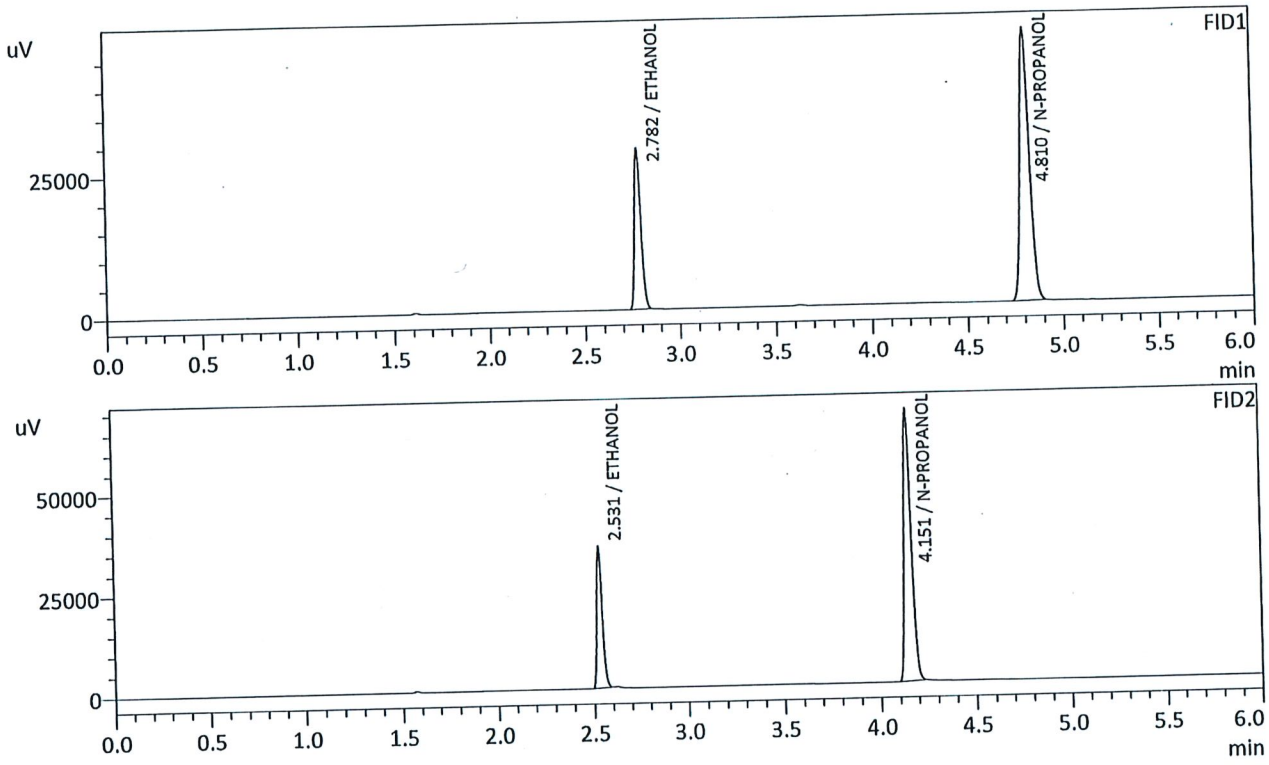

FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.1989	g/100cc	65706	28139
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	167958	48109
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.1983	g/100cc	69269	34914
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178335	67689
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS
RC

Sample Name : 0.300
Vial # : 4
Data Filename : 0.300_5312022_004.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 05-31-22 TS.gcb
Date Acquired : 5/31/2022 11:17:51 AM
Date Processed : 6/1/2022 2:49:54 PM
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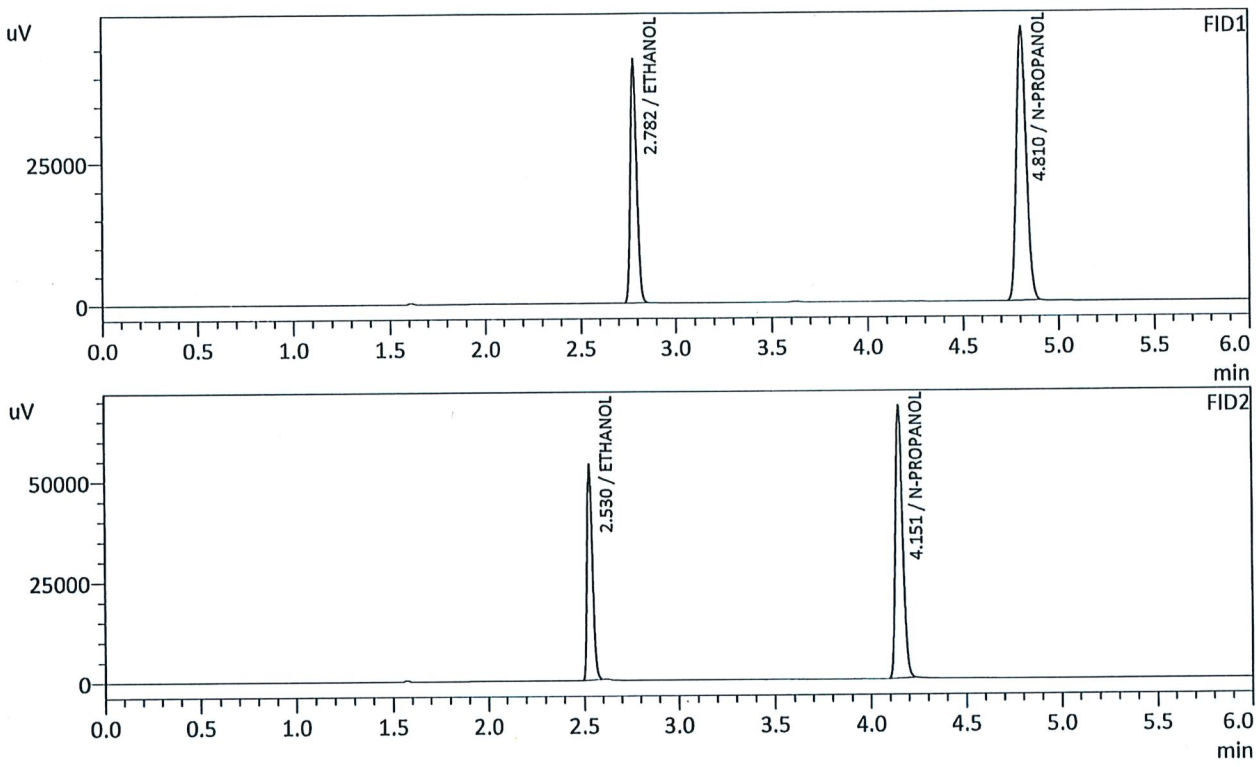


FID1

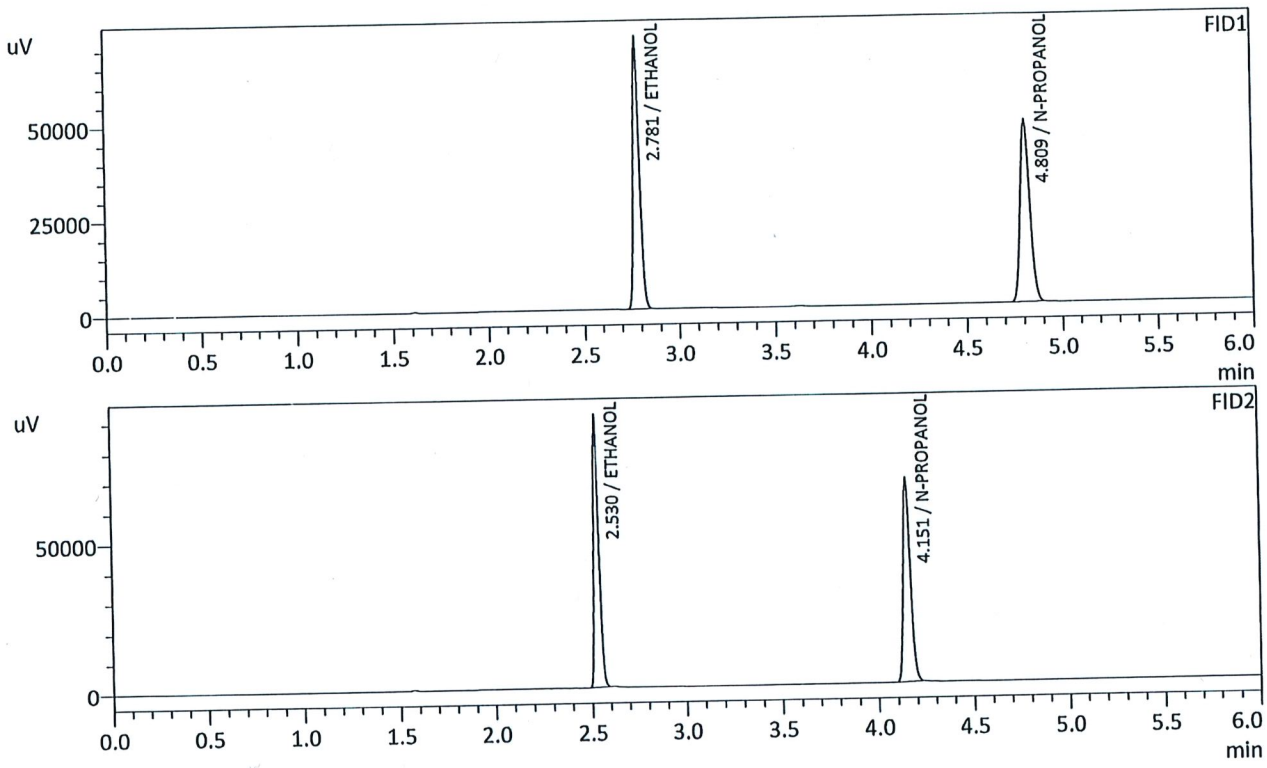
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2991	g/100cc	99244	42381
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	168747	48199
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2984	g/100cc	105286	53016
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	179077	67707
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS
RC

Sample Name : 0.500
Vial # : 5
Data Filename : 0.500_5312022_005.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 05-31-22 TS.gcb
Date Acquired : 5/31/2022 11:27:23 AM
Date Processed : 6/1/2022 2:49:56 PM
C:\LabSolutions\Data\2022\5-31-22 TS\ALCOHOL.gcm



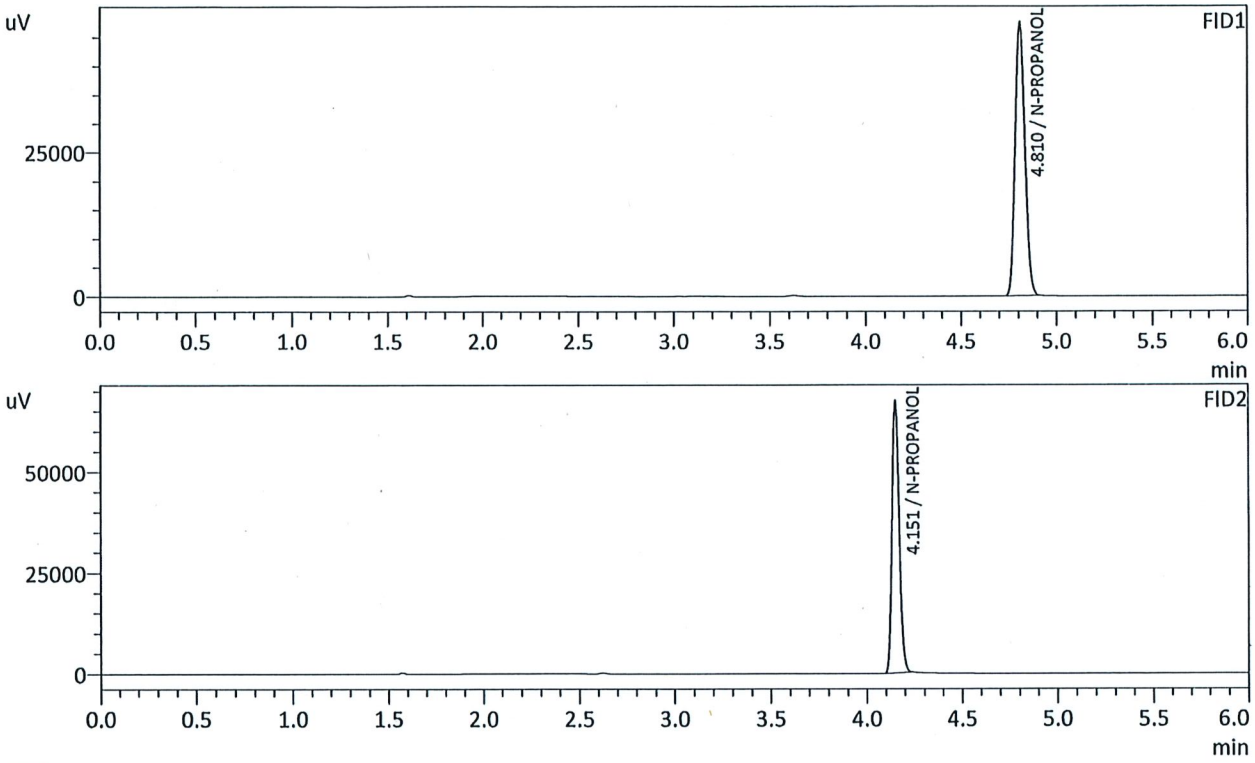
FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.5008	g/100cc	166031	71571
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	168639	48201
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.5014	g/100cc	177378	89361
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	178754	67923
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Sample Name : INT STD BLK 1
Vial # : 6
Data Filename : INT STD BLK 1_5312022_006.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 05-31-22 TS.gcb
Date Acquired : 5/31/2022 11:36:40 AM
Date Processed : 6/1/2022 2:49:58 PM
C:\LabSolutions\Data\2022\5-31-22 TS\ALCOHOL.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166274	47455
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	177017	67417
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

Calibration Table

Laboratory: Pocatello
Instrument Name : GC2030-HS20

RC

<<Method File>>
Method File :C:\LabSolutions\Data\2022\5-31-22 TS\6-8-22 RC\ALCOHOL.gcm
Date Created :2/3/2022 1:34:42 PM
Date Modified :6/2/2022 10:00:49 AM

Not Ready

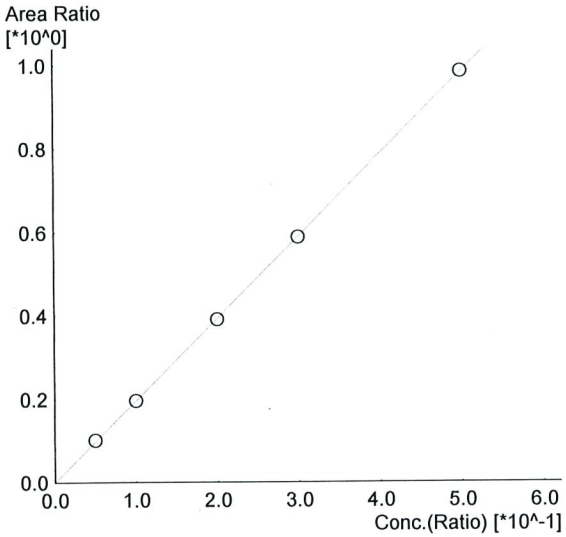
Name : METHANOL
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name

Not Ready

Name : ACETALDEHYDE
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name



Name : ETHANOL
Detector Name: FID1
Function : f(x)=1.96574*x+3.20976e-005
R^2 value= 0.9999668
FitType: Linear
ZeroThrough: Not Through

RC

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	15801	0.0513	0.050_5312022_001.gcd
2	0.100	32254	0.0996	0.100_5312022_002.gcd
3	0.200	65706	0.1989	0.200_5312022_003.gcd
4	0.300	99244	0.2991	0.300_5312022_004.gcd
5	0.500	166031	0.5008	0.500_5312022_005.gcd

Not Ready

Name : ISOPROPYL ALCOHOL
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name

Not Ready

Name : ACETONE
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name

Not Ready

Name : DFE
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name

Not Ready

Name : TFE
Detector Name: FID1
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name

Not Ready

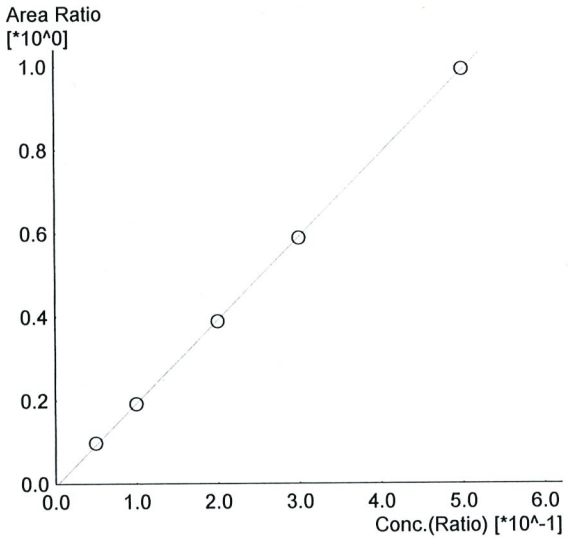
Name : ACETALDEHYDE
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name

Not Ready

Name : METHANOL
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name



Name : ETHANOL
Detector Name: FID2
Function : f(x)=1.99241*x-0.00677218
R^2 value= 0.9999061
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	16087	0.0521	0.050_5312022_001.gcd
2	0.100	33494	0.0995	0.100_5312022_002.gcd
3	0.200	69269	0.1983	0.200_5312022_003.gcd
4	0.300	105286	0.2984	0.300_5312022_004.gcd
5	0.500	177378	0.5014	0.500_5312022_005.gcd

Not Ready

Name : ACETONE
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name

Not Ready

Name : ISOPROPYL ALCOHOL
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

RC

#	Conc.	Area	Std. Conc.	Data File Name

Not Ready

Name : DFE
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name

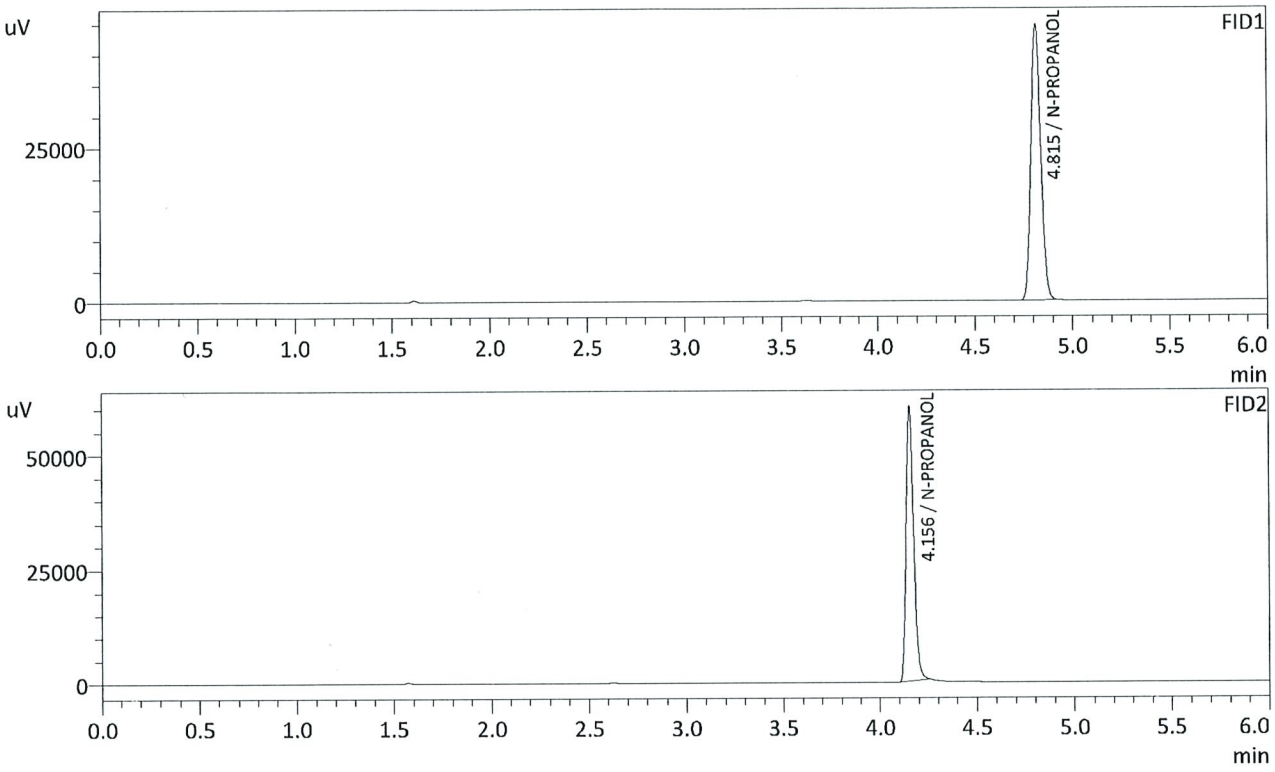
Not Ready

Name : TFE
Detector Name: FID2
Function : f(x)=0*x+0
R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name

Sample Name : INT STD BLK 1
Vial # : 1
Data Filename : INT STD BLK 1_682022_001.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 6-8-22 batch.gcb
Date Acquired : 6/8/2022 11:11:14 AM
Date Processed : 6/8/2022 11:17:15 AM
C:\LabSolutions\Data\2022\5-31-22 TS\6-8-22 RC\ALCOHOL.gcm

RC



FID1

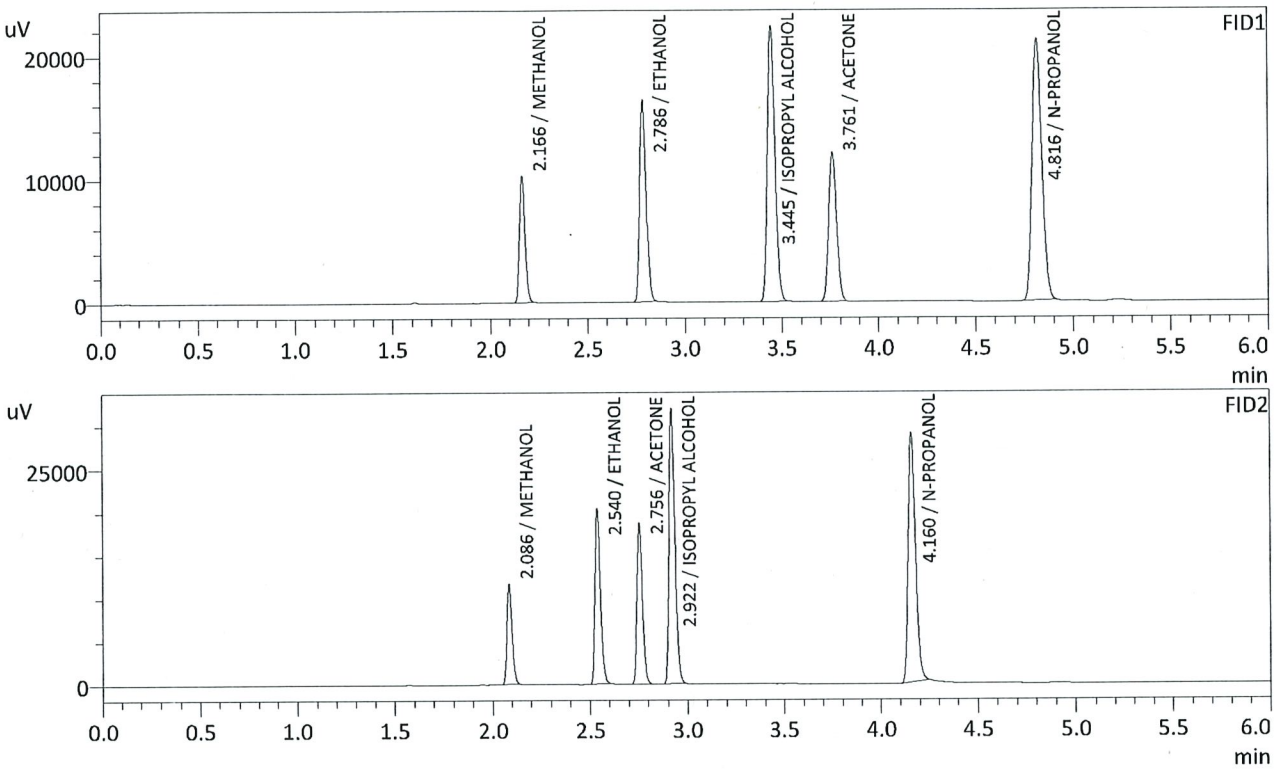
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	156385	44599
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	162856	60173
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : MULTI-COMP MIX
Vial # : 2
Data Filename : MULTI-COMP MIX_682022_002.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 6-8-22 batch.gcb
Date Acquired : 6/8/2022 11:20:44 AM
Date Processed : 6/8/2022 11:26:45 AM
C:\LabSolutions\Data\2022\5-31-22 TS\6-8-22 RC\ALCOHOL.gcm



FID1

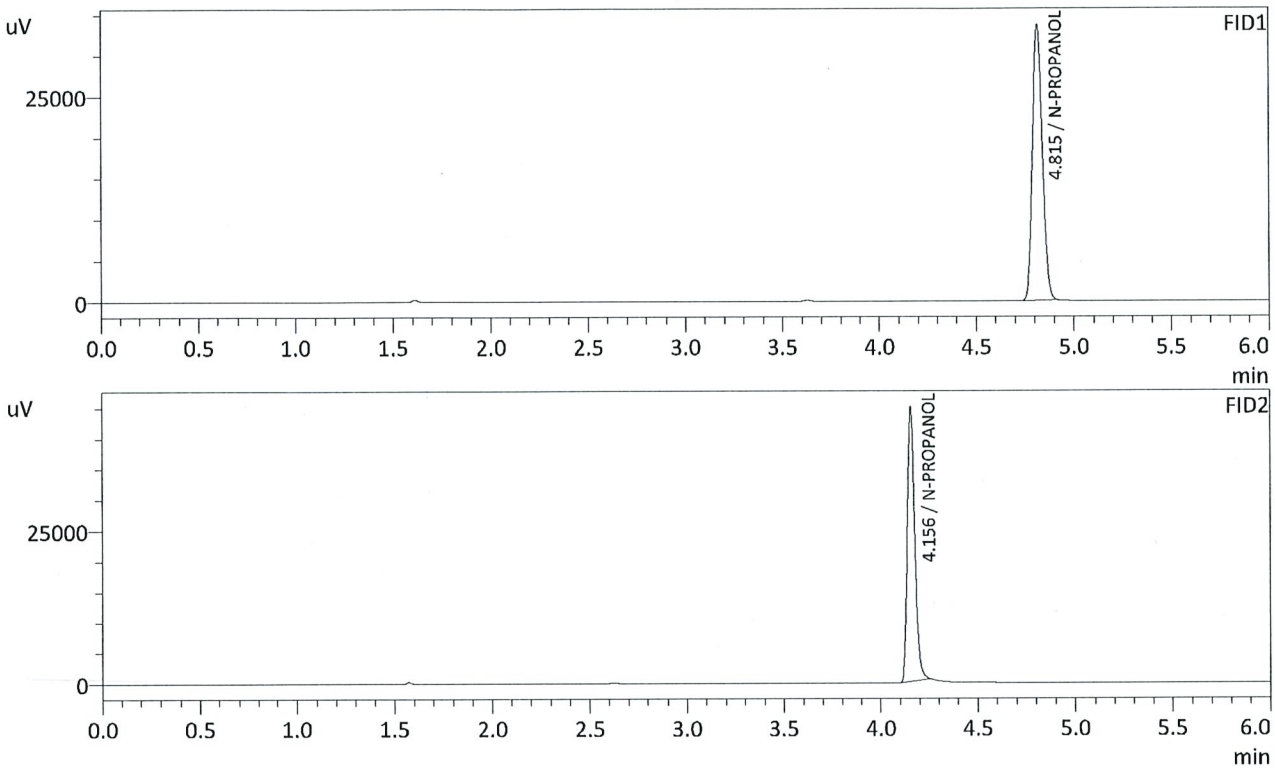
Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	20333	10045
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2562	g/100cc	37118	16087
ISOPROPYL ALCOHOL	0.0000	g/100cc	61380	22200
ACETONE	0.0000	g/100cc	34025	11984
N-PROPANOL	0.0000	g/100cc	73674	21068
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	0.0000	g/100cc	21557	11487
ETHANOL	0.2666	g/100cc	39774	20087
ACETONE	0.0000	g/100cc	36928	18636
ISOPROPYL ALCOHOL	0.0000	g/100cc	66140	31408
N-PROPANOL	0.0000	g/100cc	75838	28800
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : INT STD BLK 2
Vial # : 3
Data Filename : INT STD BLK 2_682022_003.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 6-8-22 batch.gcb
Date Acquired : 6/8/2022 11:30:05 AM
Date Processed : 6/8/2022 11:36:07 AM
C:\LabSolutions\Data\2022\5-31-22 TS\6-8-22 RC\ALCOHOL.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	117929	33540
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	121582	44856
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Item #** **Analysis Date(s): 6/8/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0734	0.0739	0.0005	0.0736	0.0005	0.0734
(g/100cc)	0.0729	0.0734	0.0005	0.0731		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

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

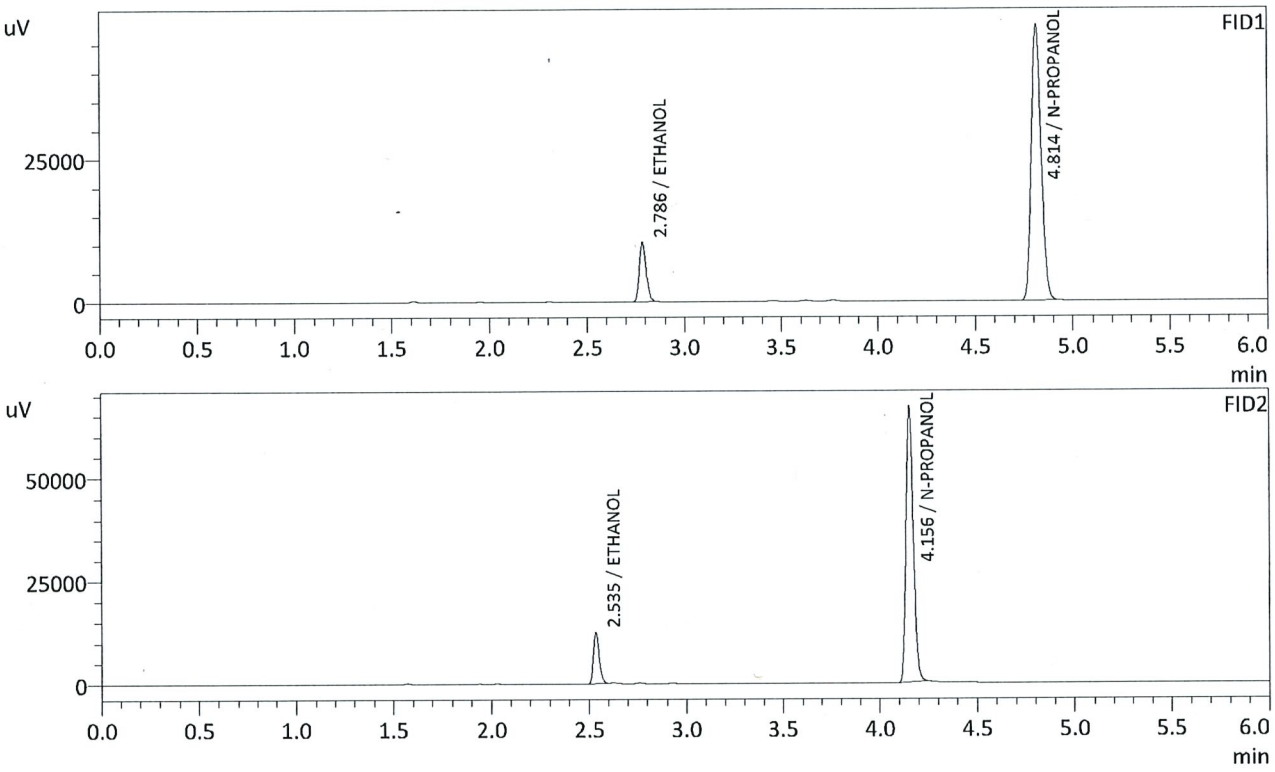
Overall Mean (g/100cc)	Low	High	5% of Mean
0.073	0.069	0.077	0.004

Reported Result
0.073

Calibration and control data are stored centrally.

RC

Sample Name : QC-1-1-A
Vial # : 4
Data Filename : QC-1-1-A_682022_004.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 6-8-22 batch.gcb
Date Acquired : 6/8/2022 11:39:52 AM
Date Processed : 6/8/2022 11:45:54 AM
C:\LabSolutions\Data\2022\5-31-22 TS\6-8-22 RC\ALCOHOL.gcm



FID1

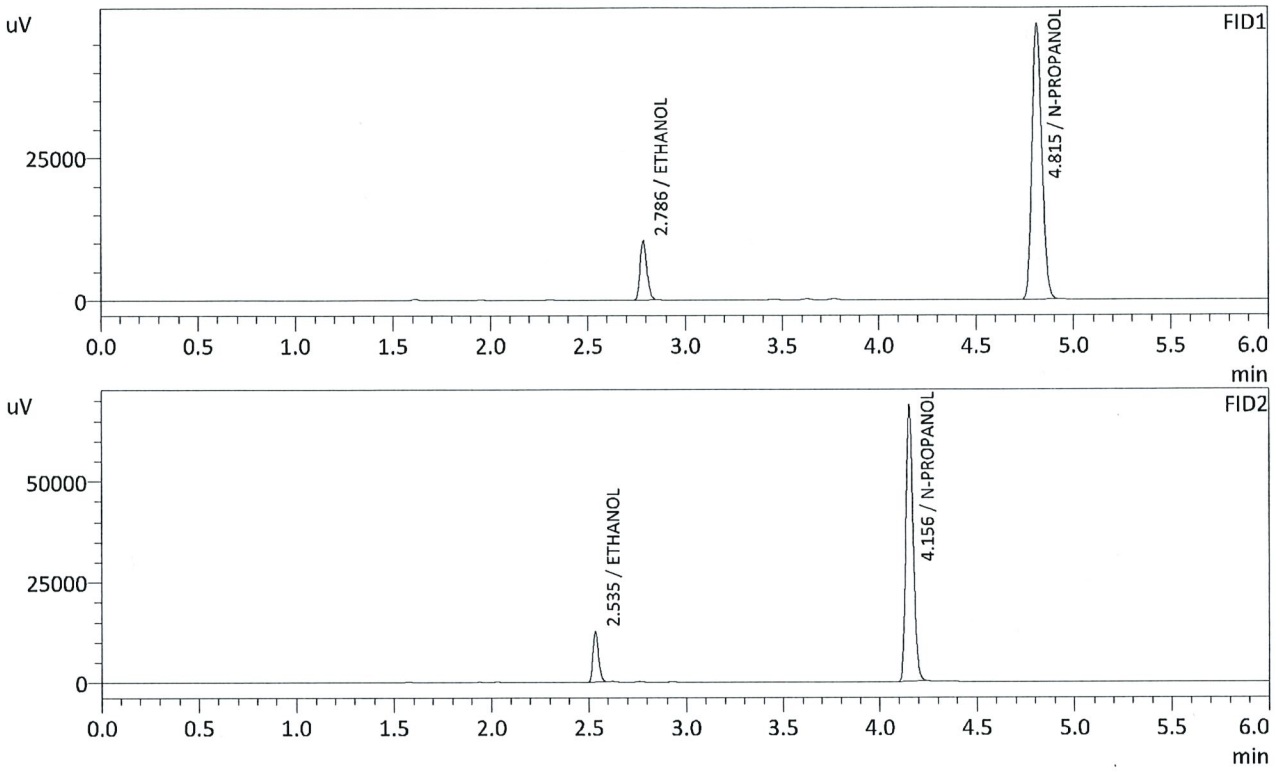
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0734	g/100cc	24273	10257
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	168035	48139
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0739	g/100cc	24946	12341
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	177464	66860
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : QC-1-1-B
Vial # : 5
Data Filename : QC-1-1-B_682022_005.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 6-8-22 batch.gcb
Date Acquired : 6/8/2022 11:49:20 AM
Date Processed : 6/8/2022 11:55:22 AM
C:\LabSolutions\Data\2022\5-31-22 TS\6-8-22 RC\ALCOHOL.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0729	g/100cc	24255	10275
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	169166	48331
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0734	g/100cc	25223	12497
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180820	68585
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: 0.080 QA **Item #** **Analysis Date(s): 6/8/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0796	0.0801	0.0005	0.0798	0.0001	0.0798
(g/100cc)	0.0795	0.0800	0.0005	0.0797		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

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

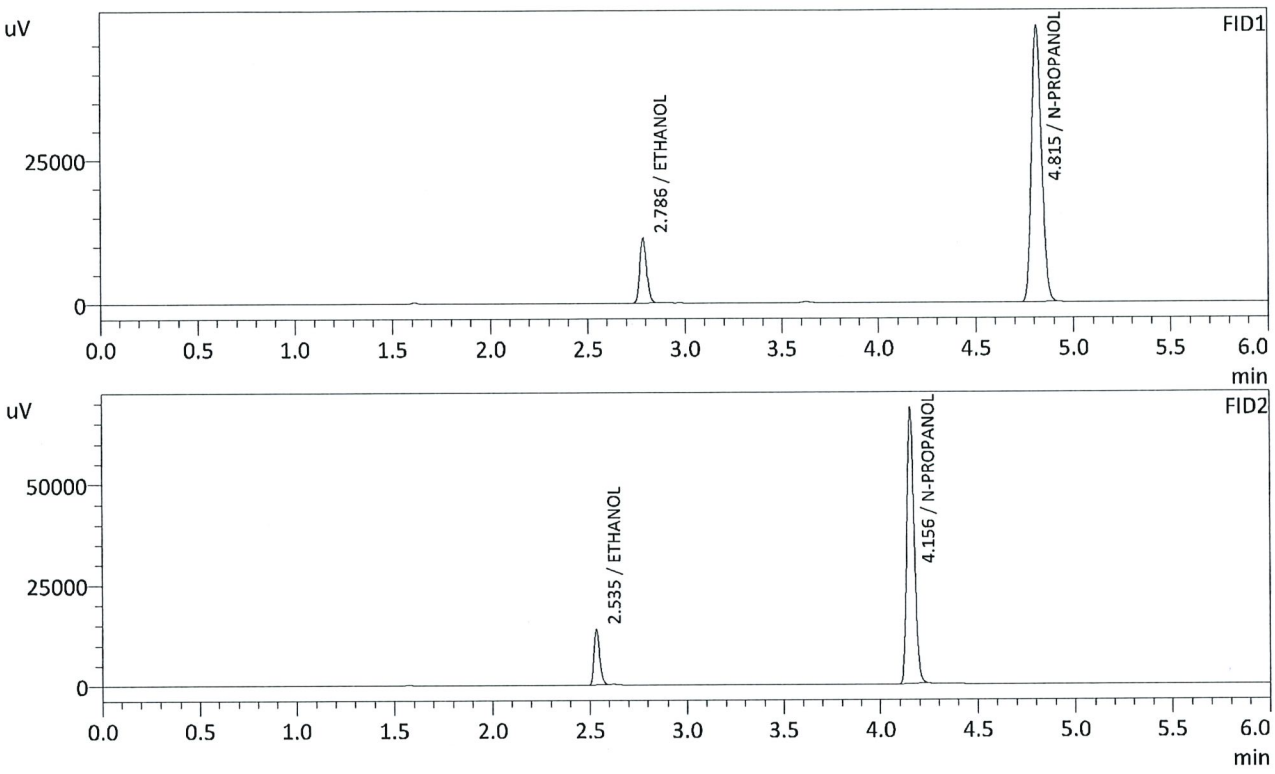
Overall Mean (g/100cc)	Low	High	5% of Mean
0.079	0.075	0.083	0.004

	Reported Result	
	0.079	

Calibration and control data are stored centrally.

RC

Sample Name : 0.08 QA - A
Vial # : 6
Data Filename : 0.08 QA - A_682022_006.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 6-8-22 batch.gcb
Date Acquired : 6/8/2022 11:58:38 AM
Date Processed : 6/8/2022 12:04:39 PM
C:\LabSolutions\Data\2022\5-31-22 TS\6-8-22 RC\ALCOHOL.gcm



FID1

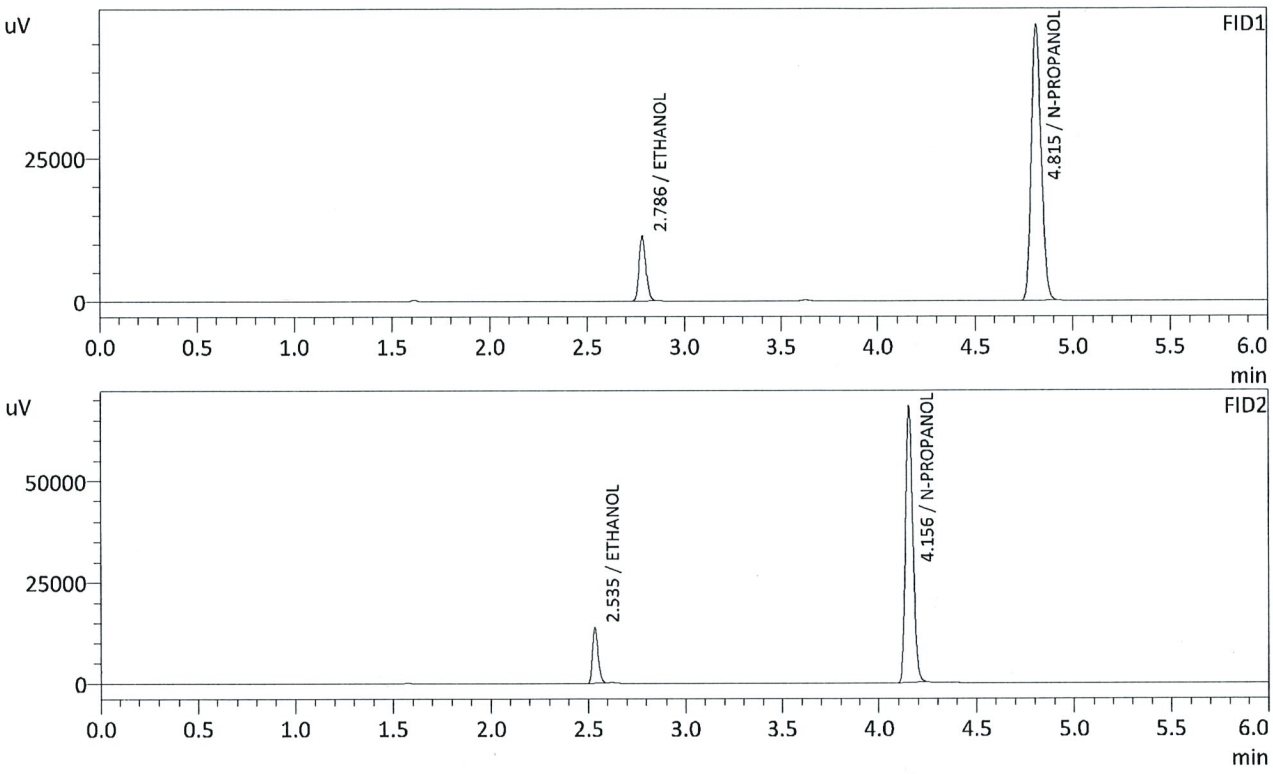
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0796	g/100cc	26411	11201
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	168596	48072
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0801	g/100cc	27551	13653
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180117	68324
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : 0.08 QA - B
Vial # : 7
Data Filename : 0.08 QA - B_682022_007.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 6-8-22 batch.gcb
Date Acquired : 6/8/2022 12:08:23 PM
Date Processed : 6/8/2022 12:14:23 PM
C:\LabSolutions\Data\2022\5-31-22 TS\6-8-22 RC\ALCOHOL.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0795	g/100cc	26377	11188
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	168572	48126
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0800	g/100cc	27521	13608
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180099	68130
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Item #** **Analysis Date(s): 6/8/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2110	0.2112	0.0002	0.2111	0.0011	0.2116
(g/100cc)	0.2121	0.2123	0.0002	0.2122		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

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

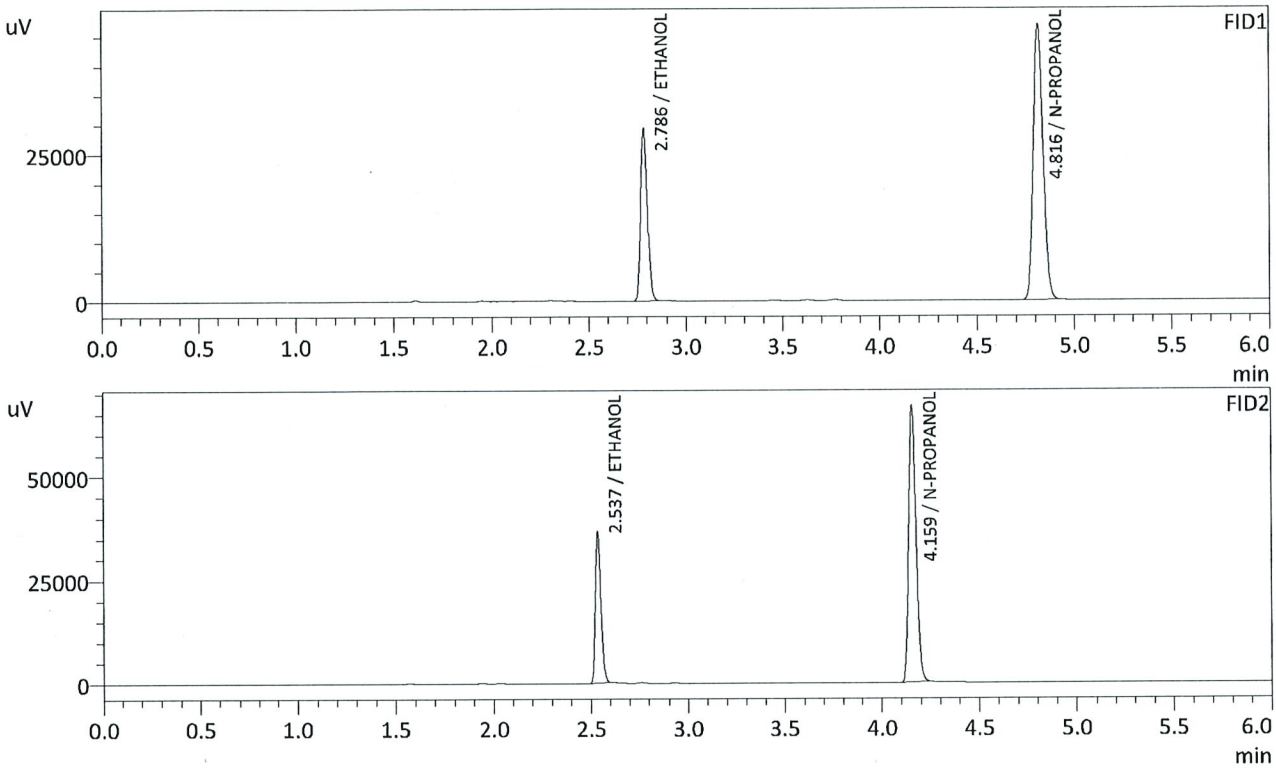
Overall Mean (g/100cc)	Low	High	5% of Mean
0.211	**0.200**	**0.222**	**0.011**

	Reported Result	
	0.211	

Calibration and control data are stored centrally.

RC

Sample Name : QC-2-1-A
Vial # : 26
Data Filename : QC-2-1-A_682022_026.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 6-8-22 batch.gcb
Date Acquired : 6/8/2022 3:09:13 PM
Date Processed : 6/8/2022 3:15:14 PM
C:\LabSolutions\Data\2022\5-31-22 TS\6-8-22 RC\ALCOHOL.gcm



FID1

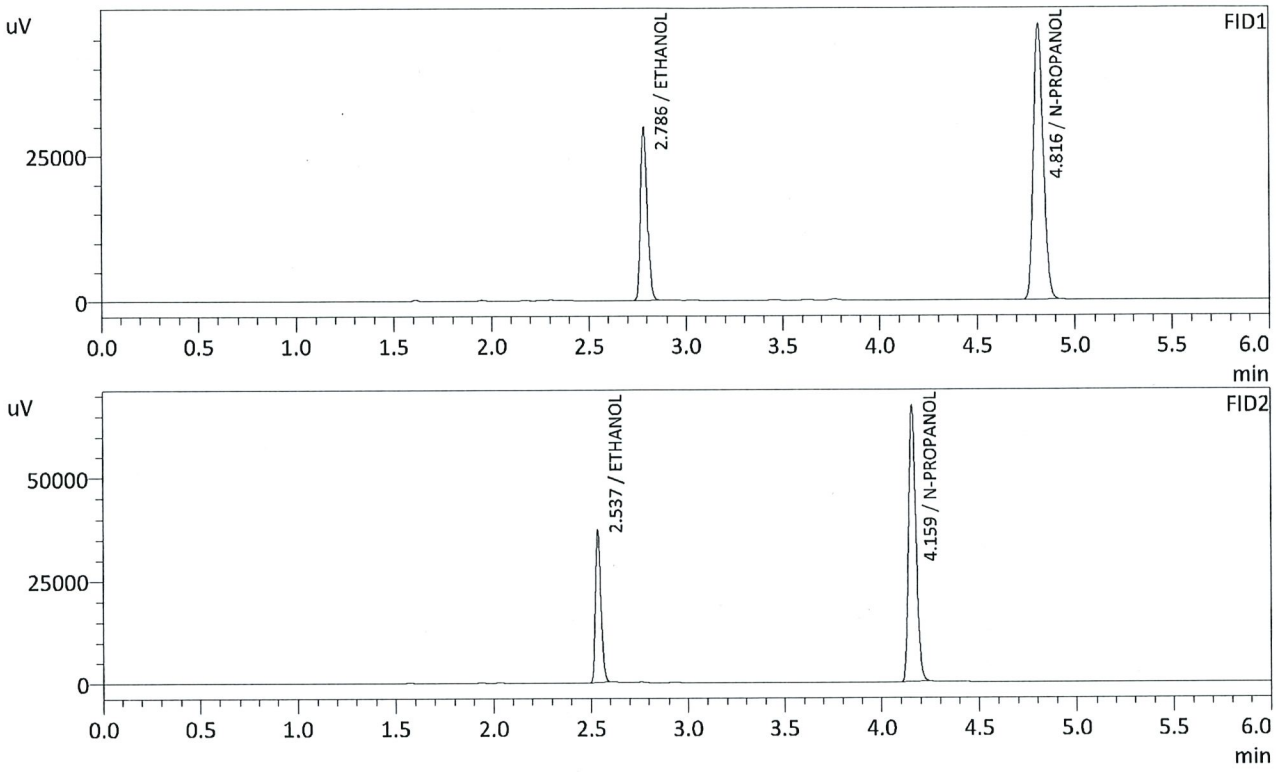
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2110	g/100cc	68445	29132
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	164941	46793
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2112	g/100cc	72816	36535
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	175843	66220
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

QC

Sample Name : QC-2-1-B
Vial # : 27
Data Filename : QC-2-1-B_682022_027.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 6-8-22 batch.gcb
Date Acquired : 6/8/2022 3:18:31 PM
Date Processed : 6/8/2022 3:24:32 PM
C:\LabSolutions\Data\2022\5-31-22 TS\6-8-22 RC\ALCOHOL.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2121	g/100cc	69375	29484
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	166379	47307
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2123	g/100cc	73827	37043
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	177356	66786
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC1-2 **Item #** **Analysis Date(s): 6/8/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.0779	0.0787	0.0008	0.0783	0.0002	0.0784
(g/100cc)	0.0782	0.0789	0.0007	0.0785		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

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

Overall Mean (g/100cc)	Low	High	5% of Mean
0.078	0.074	0.082	0.004

	Reported Result	
	0.078	

Calibration and control data are stored centrally.

RC

Sample Name : QC1-2-A
Vial # : 48
Data Filename : QC1-2-A_682022_048.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 6-8-22 batch.gcb
Date Acquired : 6/8/2022 6:38:23 PM
Date Processed : 6/8/2022 6:44:25 PM
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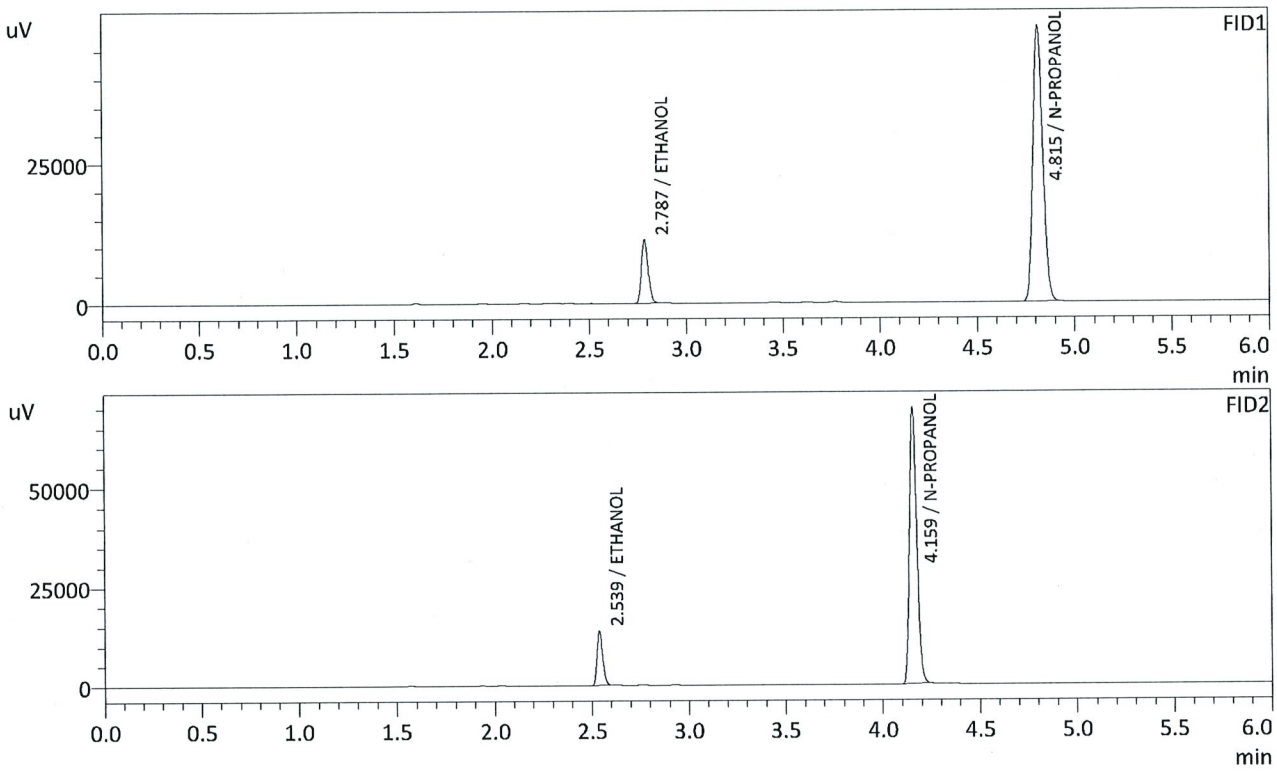


FID1

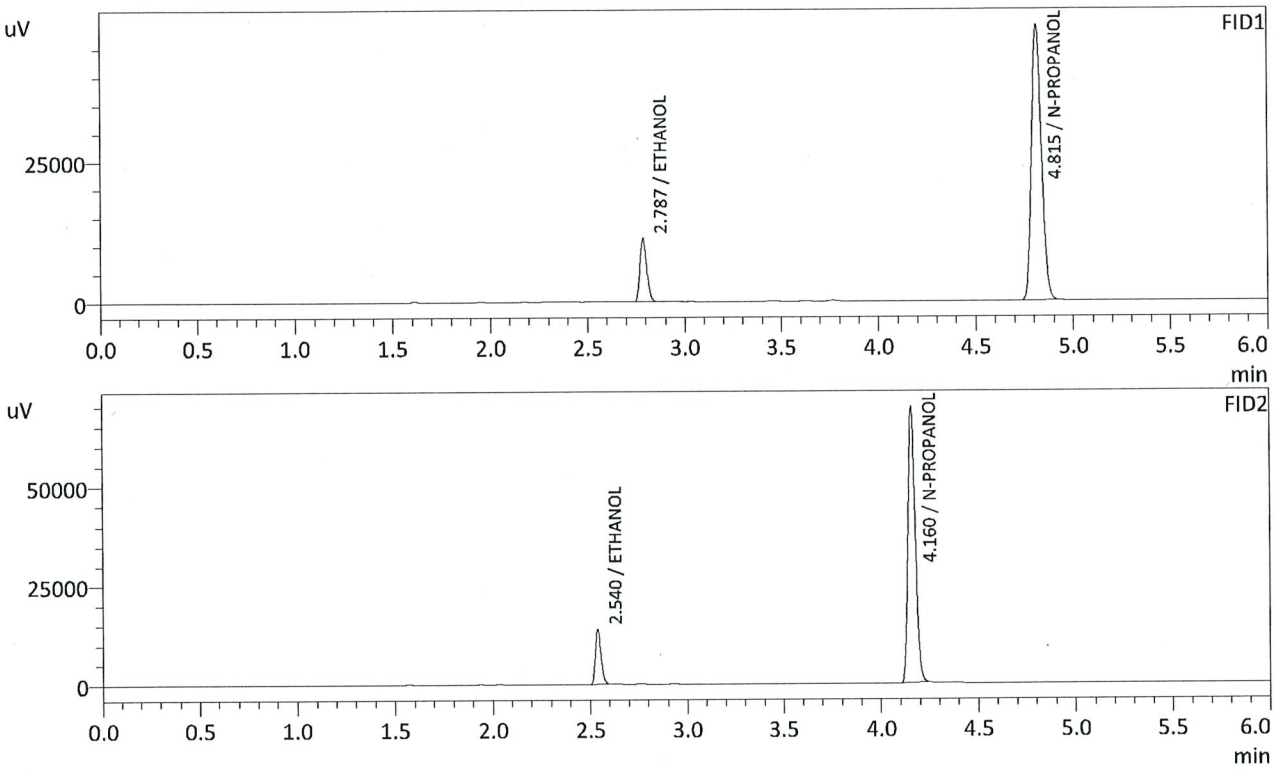
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0779	g/100cc	26288	11122
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	171458	48981
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0787	g/100cc	27482	13576
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	183074	69313
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : QC1-2-B
Vial # : 49
Data Filename : QC1-2-B_682022_049.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 6-8-22 batch.gcb
Date Acquired : 6/8/2022 6:48:08 PM
Date Processed : 6/8/2022 6:54:10 PM
C:\LabSolutions\Data\2022\5-31-22 TS\6-8-22 RC\ALCOHOL.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.0782	g/100cc	26372	11170
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	171349	48863
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.0789	g/100cc	27587	13663
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	183152	69417
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

VOLATILES BAC CASEFILE WORKSHEET

Laboratory No.: QC2-2 **Item #** **Analysis Date(s): 6/8/2022**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Sample A-B Difference	Over-all Mean
Sample Results	0.2223	0.2225	0.0002	0.2224	0.0007	0.2227
(g/100cc)	0.2231	0.2232	0.0001	0.2231		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument information is stored centrally.*

Refer to Instrument Method: Alcohol.m/.gcm, Volatiles.m/.gcm

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

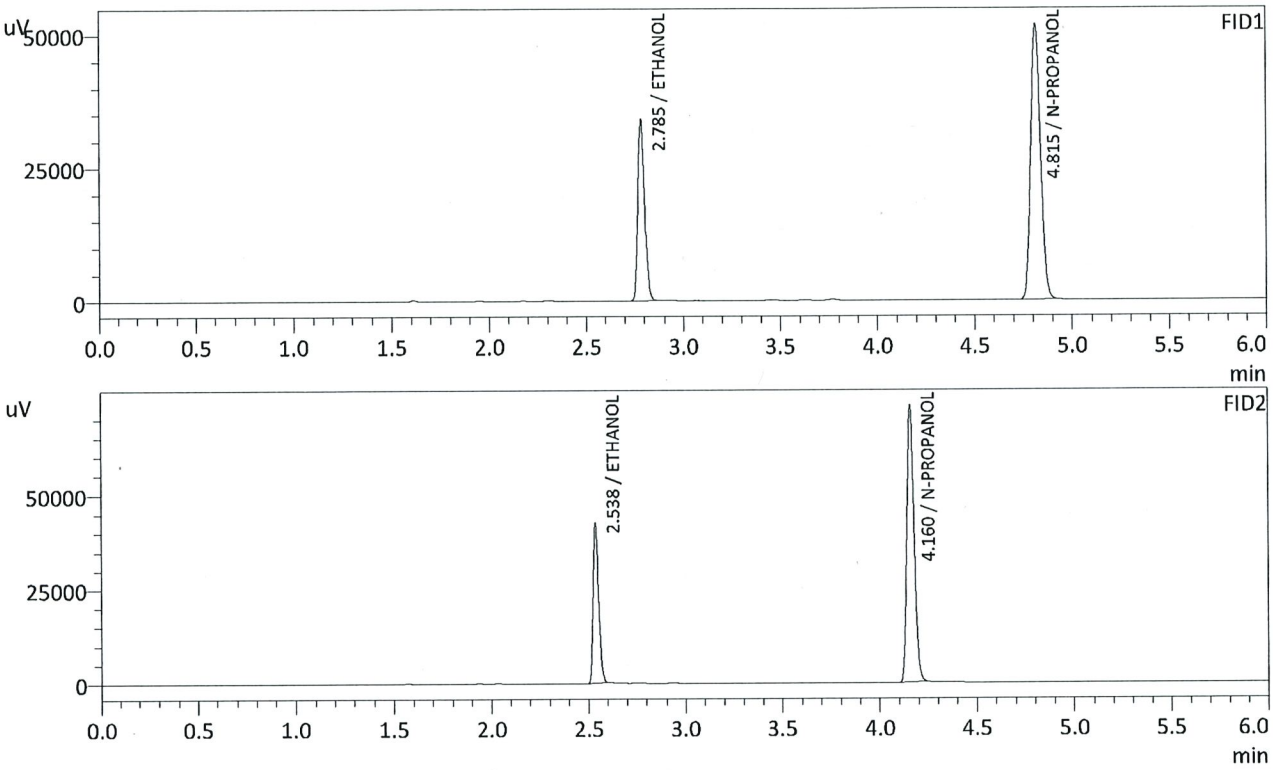
Overall Mean (g/100cc)	Low	High	5% of Mean
0.222	0.210	0.234	0.012

	Reported Result	
	0.222	

Calibration and control data are stored centrally.

RC

Sample Name : QC2-2-A
Vial # : 60
Data Filename : QC2-2-A_682022_060.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 6-8-22 batch.gcb
Date Acquired : 6/8/2022 8:32:35 PM
Date Processed : 6/8/2022 8:38:38 PM
C:\LabSolutions\Data\2022\5-31-22 TS\6-8-22 RC\ALCOHOL.gcm



FID1

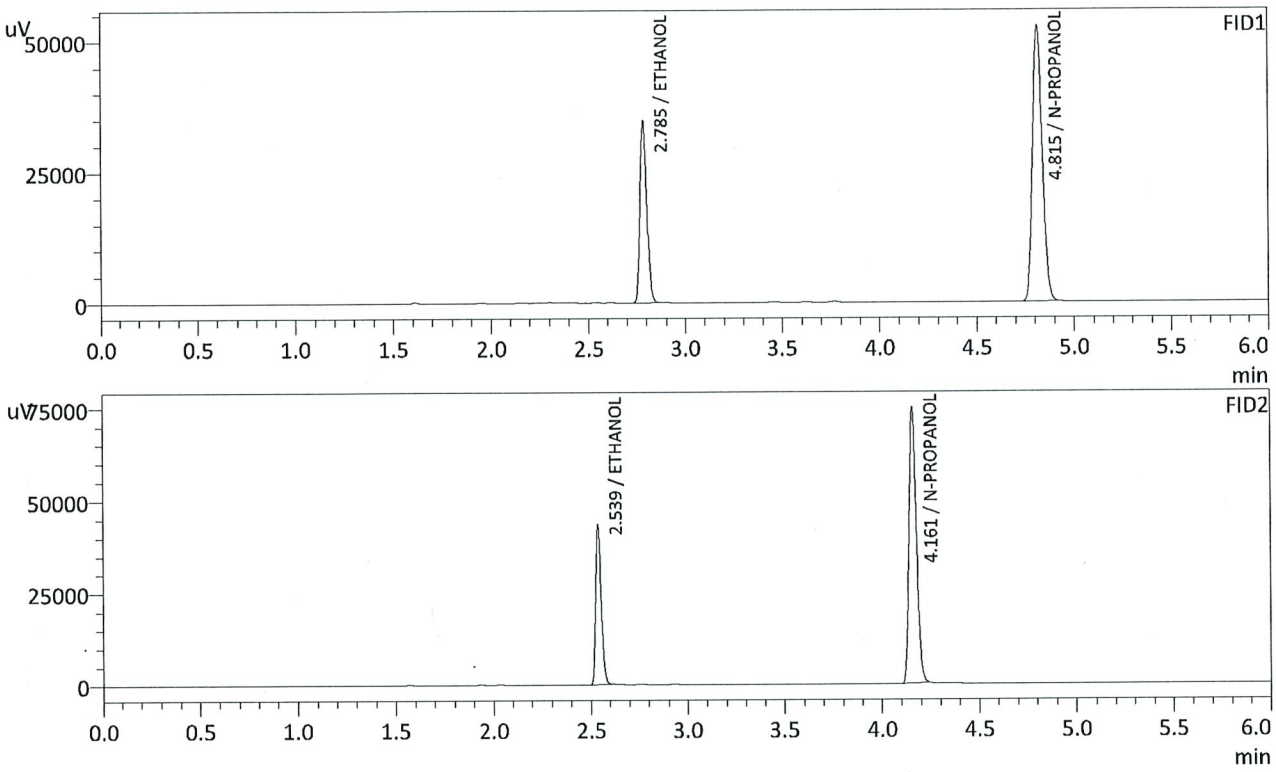
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2223	g/100cc	79101	33828
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	180987	51588
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2225	g/100cc	84362	42056
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	193168	73183
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : QC2-2-B
Vial # : 61
Data Filename : QC2-2-B_682022_061.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 6-8-22 batch.gcb
Date Acquired : 6/8/2022 8:42:22 PM
Date Processed : 6/8/2022 8:48:24 PM
C:\LabSolutions\Data\2022\5-31-22 TS\6-8-22 RC\ALCOHOL.gcm



FID1

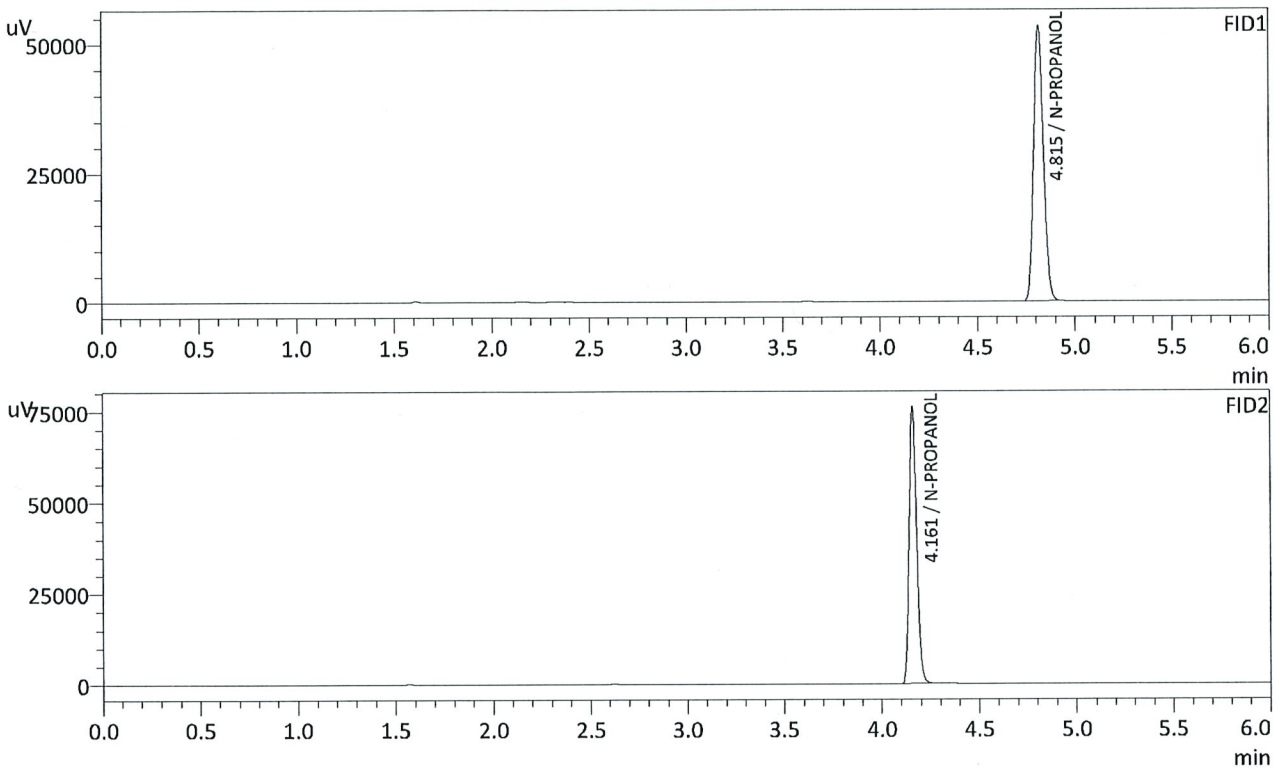
Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	0.2231	g/100cc	80936	34490
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	184520	52667
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	0.2232	g/100cc	86149	42714
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	196691	74647
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

RC

Sample Name : INT STD BLK 3
Vial # : 62
Data Filename : INT STD BLK 3_682022_062.gcd
Method Filename : ALCOHOL.gcm
Batch Filename : 6-8-22 batch.gcb
Date Acquired : 6/8/2022 8:51:50 PM
Date Processed : 6/8/2022 8:57:51 PM
C:\LabSolutions\Data\2022\5-31-22 TS\6-8-22 RC\ALCOHOL.gcm



FID1

Name	Conc.	Unit	Area	Height
METHANOL	--	g/100cc	--	--
ACETALDEHYDE	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	186459	53271
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	--	g/100cc	--	--
METHANOL	--	g/100cc	--	--
ETHANOL	--	g/100cc	--	--
ACETONE	--	g/100cc	--	--
ISOPROPYL ALCOHOL	--	g/100cc	--	--
N-PROPANOL	0.0000	g/100cc	199763	75830
DFE	--	g/100cc	--	--
TFE	--	g/100cc	--	--

TS

Idaho State Police
Forensic Services

Request for Departure from an Analytical Method or Quality Standard

Deviation Number (assigned by QM): **BLA-22-01**

Date of Request: **1/21/2022**

Requestor/Discipline: Melissa (Nikka) Bradley/Blood Alcohol

Analytical Method/Quality Standard, Revision #: AM#1 Analysis for Volatiles by Headspace GC/ 4.3.9

Temporary or Permanent Deviation: Permanent

Scope of Deviation There is a noticeable increased drift of internal standard (n-propanol signals) from the calibrators, beginning of the run and towards the end of the sample run that is consistent in multiple batches of blood alcohol runs. Because all the samples that are analyzed are being compared to calibrators that are performed at the beginning of the run, the n-propanol signal of end samples tend to be outside or close to being outside of the +/- 20% of the mean value from the calibration curve used Despite this drift the values of known control samples are within acceptable limits.

Deviation Request

4.3.9.1.1 The average values for the internal standard will be established by averaging the IS counts throughout the calibration curve samples.

Requesting that the internal standard monitoring average be changed to average the aqueous and matrix controls within the run.

> 4.3.9.1.1 The average values for the internal standard will be established by averaging the IS counts from the aqueous control and all matrix blood control samples.

Technical Justification for Analytical Method Deviations:
The designed purpose of the internal standard monitoring is to evaluate the quality of injection of each sample. There is a gradual increase of internal standard response from the beginning of the batch (calibrators and early samples) to the end that is inherent to the current instrument set up as shown in trends from previous batches in multiple laboratories. Attempts to pre-condition/warm up the instrument using by running a pre-batch sequence utilizing old calibrator/blank samples prior to running a new calibration curve did not appear to minimize this occurrence. Furthermore, it can be seen that the drifting trend is not due to the extraction procedure because some of the later batch samples were extracted prior to the samples that are injected during the run. It is worth noting that despite this

TS

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trend, the values of the known control samples are still within the specified acceptable range. By utilizing known control n-propanol signals throughout the batch, any potential drift will be taken into account while still being able to monitor a possible mis-injection or partial injection throughout the batch/sequence.

This deviation will have an expiration date of July 1st, 2022.

Technical Review

☒ Departure approved
Comments: Forms will be updated to reflect the new process concurrent with the deviation.

☐ Departure Not Approved
Comments:

Approver: Date: 1/21/22
Title: Discipline Lead

Quality Review

Quality Approver: Jason Crowe
Title: Quality Manager
Date: 01/24/2022

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Region 5 Pocatello Blood Alcohol Analysis Batch Table

Shimadzu Nexis GC-2030 Serial Number: C12255850662
Shimadzu HS-20 Serial Number: C12595700014
LabSolutions Version 5.98

Vial#	Sample Name	Sample Type	Method File	Data File	Level#
1	INT STD BLK 1	0:Unknown	ALCOHOL.gcm		0
2	MULTI-COMP MIX	0:Unknown	ALCOHOL.gcm	MULTI-COMP MIX_1292021_001.gcd	1
3	INT STD BLK 2	0:Unknown	ALCOHOL.gcm		0
4	QC-1-1-A	0:Unknown	ALCOHOL.gcm		0
5	QC-1-1-B	0:Unknown	ALCOHOL.gcm		0
6	0.08 QA - A	0:Unknown	ALCOHOL.gcm		0
7	0.08 QA - B	0:Unknown	ALCOHOL.gcm		0
8	P2022-1521-1-A	0:Unknown	ALCOHOL.gcm		0
9	P2022-1521-1-B	0:Unknown	ALCOHOL.gcm		0
10	P2022-1522-1-A	0:Unknown	ALCOHOL.gcm		0
11	P2022-1522-1-B	0:Unknown	ALCOHOL.gcm		0
12	P2022-1523-1-A	0:Unknown	ALCOHOL.gcm		0
13	P2022-1523-1-B	0:Unknown	ALCOHOL.gcm		0
14	P2022-1565-2-A	0:Unknown	ALCOHOL.gcm		0
15	P2022-1565-2-B	0:Unknown	ALCOHOL.gcm		0
16	P2022-1568-1-A	0:Unknown	ALCOHOL.gcm		0
17	P2022-1568-1-B	0:Unknown	ALCOHOL.gcm		0
18	P2022-1569-1-A	0:Unknown	ALCOHOL.gcm		0
19	P2022-1569-1-B	0:Unknown	ALCOHOL.gcm		0
20	P2022-1574-1-A	0:Unknown	ALCOHOL.gcm		0
21	P2022-1574-1-B	0:Unknown	ALCOHOL.gcm		0
22	P2022-1576-1-A	0:Unknown	ALCOHOL.gcm		0
23	P2022-1576-1-B	0:Unknown	ALCOHOL.gcm		0
24	P2022-1577-1-A	0:Unknown	ALCOHOL.gcm		0
25	P2022-1577-1-B	0:Unknown	ALCOHOL.gcm		0
26	QC-2-1-A	0:Unknown	ALCOHOL.gcm		0
27	QC-2-1-B	0:Unknown	ALCOHOL.gcm		0
28	P2022-1578-1-A	0:Unknown	ALCOHOL.gcm		0
29	P2022-1578-1-B	0:Unknown	ALCOHOL.gcm		0
30	P2022-1597-1-A	0:Unknown	ALCOHOL.gcm		0
31	P2022-1597-1-B	0:Unknown	ALCOHOL.gcm		0
32	P2022-1652-1-A	0:Unknown	ALCOHOL.gcm		0
33	P2022-1652-1-B	0:Unknown	ALCOHOL.gcm		0
34	P2022-1673-1-A	0:Unknown	ALCOHOL.gcm		0
35	P2022-1673-1-B	0:Unknown	ALCOHOL.gcm		0
36	P2022-1689-1-A	0:Unknown	ALCOHOL.gcm		0
37	P2022-1689-1-B	0:Unknown	ALCOHOL.gcm		0
38	P2022-1691-1-A	0:Unknown	ALCOHOL.gcm		0
39	P2022-1691-1-B	0:Unknown	ALCOHOL.gcm		0
40	P2022-1707-1-A	0:Unknown	ALCOHOL.gcm		0
41	P2022-1707-1-B	0:Unknown	ALCOHOL.gcm		0
42	P2022-1709-1-A	0:Unknown	ALCOHOL.gcm		0
43	P2022-1709-1-B	0:Unknown	ALCOHOL.gcm		0
44	P2022-1710-1-A	0:Unknown	ALCOHOL.gcm		0
45	P2022-1710-1-B	0:Unknown	ALCOHOL.gcm		0
46	P2022-1712-1-A	0:Unknown	ALCOHOL.gcm		0
47	P2022-1712-1-B	0:Unknown	ALCOHOL.gcm		0
48	QC1-2-A	0:Unknown	ALCOHOL.gcm		0
49	QC1-2-B	0:Unknown	ALCOHOL.gcm		0
50	P2022-1720-1-A	0:Unknown	ALCOHOL.gcm		0
51	P2022-1720-1-B	0:Unknown	ALCOHOL.gcm		0
52	P2022-1745-1-A	0:Unknown	ALCOHOL.gcm		0

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Vial#	Sample Name	Sample Type	Method File	Data File	Level#
53	P2022-1745-1-B	0:Unknown	ALCOHOL.gcm		0
54	P2022-1746-1-A	0:Unknown	ALCOHOL.gcm		0
55	P2022-1746-1-B	0:Unknown	ALCOHOL.gcm		0
56	M2022-2030-1-A	0:Unknown	ALCOHOL.gcm		0
57	M2022-2030-1-B	0:Unknown	ALCOHOL.gcm		0
58	M2022-2207-3-A	0:Unknown	ALCOHOL.gcm		0
59	M2022-2207-3-B	0:Unknown	ALCOHOL.gcm		0
60	QC2-2-A	0:Unknown	ALCOHOL.gcm		0
61	QC2-2-B	0:Unknown	ALCOHOL.gcm		0
62	INT STD BLK 3	0:Unknown	ALCOHOL.gcm		0