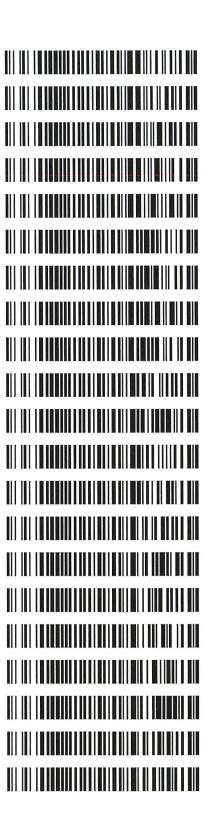




Worklist:	6331
-----------	------

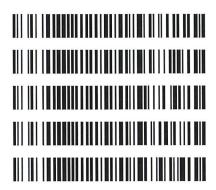
LAB CASE	<u>ITEM</u>	ITEM TYPE	DESCRIPTION
P2023-0933	1	вск	Alcohol Analysis
P2023-0934	1	вск	Alcohol Analysis
P2023-0939	2	вск	Alcohol Analysis
P2023-0951	1	вск	Alcohol Analysis
P2023-0952	1	вск	Alcohol Analysis
P2023-0954	1	вск	Alcohol Analysis
P2023-0961	1	вск	Alcohol Analysis
P2023-0962	1	вск	Alcohol Analysis
P2023-0963	1	BCK	Alcohol Analysis
P2023-0980	1	BCK	Alcohol Analysis
P2023-0989	1	BCK	Alcohol Analysis
P2023-1008	1	BCK	Alcohol Analysis
P2023-1010	1	ВСК	Alcohol Analysis
P2023-1022	1	BCK	Alcohol Analysis
P2023-1027	1	BCK	Alcohol Analysis
P2023-1031	1	BCK	Alcohol Analysis
P2023-1034	1	ВСК	Alcohol Analysis
P2023-1048	1	вск	Alcohol Analysis
P2023-1049	1	вск	Alcohol Analysis
P2023-1052	1	вск	Alcohol Analysis
P2023-1053	1	вск	Alcohol Analysis





### Worklist: 6331

LAB CASE	<u>ITEM</u>	ITEM TYPE	DESCRIPTION
P2023-1054	1	BCK	Alcohol Analysis
P2023-1055	1	BCK	Alcohol Analysis
P2023-1078	1	вск	Alcohol Analysis
P2023-1085	1	BCK	Alcohol Analysis
P2023-1087	1	BCK	Alcohol Analysis



# 15

Revision: 5

# Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

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

04/11/2023 Run Date(s): Volatiles Quality Assurance Controls

Calibration Date: (if different)

				Worklist #:	st #:	6331
Control level	Expiration	Lot#	Target Value	H	Acceptable Range	Overall Results
						0.0731 g/100cc
Level 1	Jul-23	1907006	0.0764	64	0.0688-0.0840	0.0791 g/100cc
						g/100cc
						0.2132 g/100cc
Level 2	Jul-23	1907007	0.2170	70	0.1953-0.2387	0.2236 g/100cc
						g/100cc
Multi-Compo	Multi-Component mixture:	Exp: 10/31	10/31/2024	Lot#	FN06041902	
	Curve Fit:		Column 1	0.99997	97 Column2	0.99988

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 1   Column 2   Precision	Precision	Mean
50	0.050	0.045 - 0.055	0.0508	0.0519	0.0011	0.0513
100	0.100	0.090 - 0.110	0.1002	0.1002	0	0.1002
200	0.200	0.180 - 0.220	0.1990	0.1981	0.0009	0.1985
300	0.300	0.270 - 0.330	0.2989	0.2978	0.0011	0.2983
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5008	0.5017	0.0009	0.5012

Aqueous Controls

Control level	Target Value	Acceptable Range	Overall	Results
08	0800	0.076 - 0.084	0.081	g/100cc

REVIEWED

By Rachel Cutler at 4:11 pm, Apr 12, 2023

Issuing Authority: Quality Manager

# 1

Revision: 5 Issue Date: 07/05/2022

Issuing Authority: Quality Manager

# Internal Standard Monitoring Worksheet

04/11/2023	
Run Date(s):	
6331	
Worklist #:	

Internal Standard Solution:	Prep Date:	3/6/2023	Exp Date:	9/6/2023
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Column 2 Value	182217	183138	185197	184683	192450	191333			177265	181339	196989	192460		
Column 1 Value	169877	170838	172726	172192	180532	179396			166686	170531	185077	180554		
Sample Name	0.080	0.080	QC1	QC1	QC1	QC1	QC1	QC1	QC2	QC2	QC2	QC2	QC2	QC2

	Average	(-)20%	(+)20%
Column 1	174840.9	139872.7	209809.1
Column 2	186707.1	149365.7	224048.5

### Calibration Table

Laboratory: Pocatello Instrument Name : G1KG333-Instrument1

<<Data File>>

Method File Batch File Date Acquired Date Created

Date Modified

:Default Project - ALCOHOL\_041123\_TS.gcm :Default Project - BATCH\_041123\_TS.gcb :4/11/2023 1:31:45 PM :4/11/2023 1:28:17 PM :4/12/2023 7:17:19 AM

Not Ready

Name: METHANOL Detector Name: FID1 Function: f(x)=0\*x+0

R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

Data File Name # Conc. Std. Conc. Area

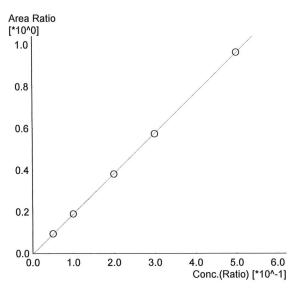
Not Ready

Name: ACETALDEHYDE Detector Name: FID1 Function: f(x)=0\*x+0

R^2 value= 0
FitType: Linear
ZeroThrough: Not Through

Data File Name Std. Conc. Conc. Area





Name : ETHANOL Detector Name: FID1 Function: f(x)=1.93382\*x-0.00426214 R^2 value= 0.9999730 FitType: Linear ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	15844	0.0508	0.050_4112023_001.gcd
2	0.100	32213	0.1002	0.100_4112023_002.gcd
3	0.200	65730	0.1990	0.200_4112023_003.gcd
4	0.300	98962	0.2989	0.300_4112023_004.gcd
5	0.500	167856	0.5008	0.500_4112023_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 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



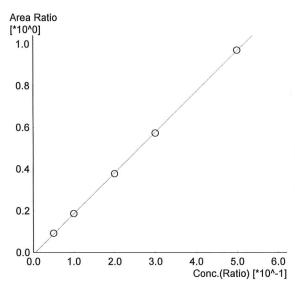
Not Ready	Name: DFE Detector Name: FID1 Function: f(x)=0*x+0 R^2 value= 0 FitType: Linear ZeroThrough: Not Through
	# Conc. Area Std. Conc. Data File Name
	,
Not Ready	Name : TFE Detector Name: FID1 Function : f(x)=0*x+0 R^2 value= 0 FitType: Linear ZeroThrough: Not Through
	# Conc. Area Std. Conc. Data 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





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)=1.95471\*x-0.00975647 R^2 value= 0.9998821 FitType: Linear ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	16561	0.0519	0.050_4112023_001.gcd
2	0.100	33869	0.1002	0.100_4112023_002.gcd
3	0.200	69714	0.1981	0.200_4112023_003.gcd
4	0.300	105482	0.2978	0.300_4112023_004.gcd
5	0.500	180265	0.5017	0.500_4112023_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
	# 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

: 0.050

Data Filename

: 1

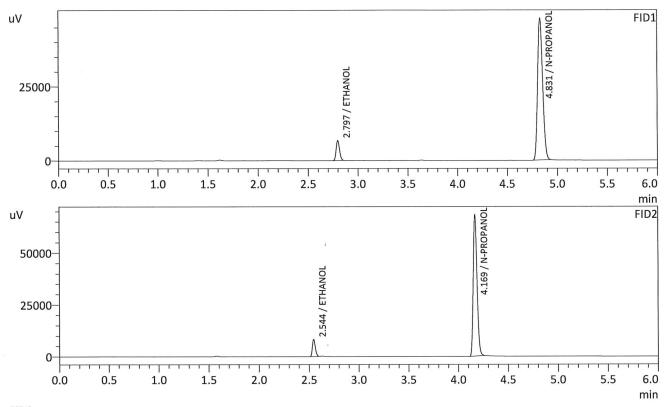
Method Filename Batch Filename

: 0.050\_4112023\_001.gcd : ALCOHOL\_041123\_TS.gcm : BATCH\_041123\_TS.gcb

**Date Acquired** 

: 4/11/2023 12:53:39 PM

Date Processed : 4/12/2023 7:17:06 AM
Default Project - G1KG333-Instrument1 - ALCOHOL\_041123\_TS.gcm



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0508	g/100cc	15844	6743
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	168413	47785
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0519	g/100cc	16561	8134
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	180491	67988
DFE		g/100cc		
TFE		g/100cc		

: 0.100

: 2

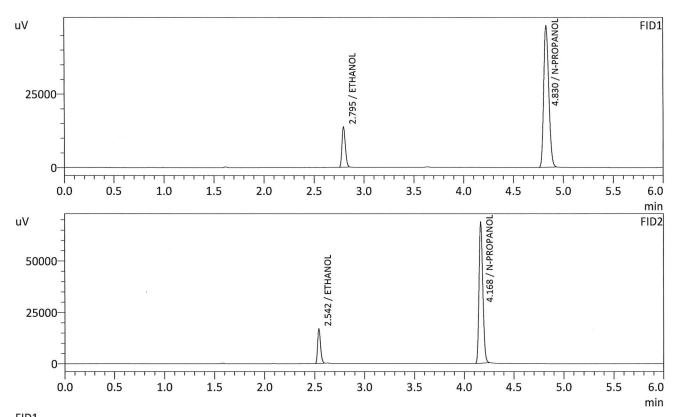
Data Filename Method Filename

: 0.100\_4112023\_002.gcd : ALCOHOL\_041123\_TS.gcm

Batch Filename

: BATCH\_041123\_TS.gcb

Date Acquired : 4/11/2023 1:03:08 PM
Date Processed : 4/12/2023 7:17:10 AM
Default Project - G1KG333-Instrument1 - ALCOHOL\_041123\_TS.gcm



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.1002	g/100cc	32213	13705
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	169883	48171
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.1002	g/100cc	33869	16867
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	181819	68285
DFE		g/100cc		
TFE		g/100cc		



: 0.200

: 3

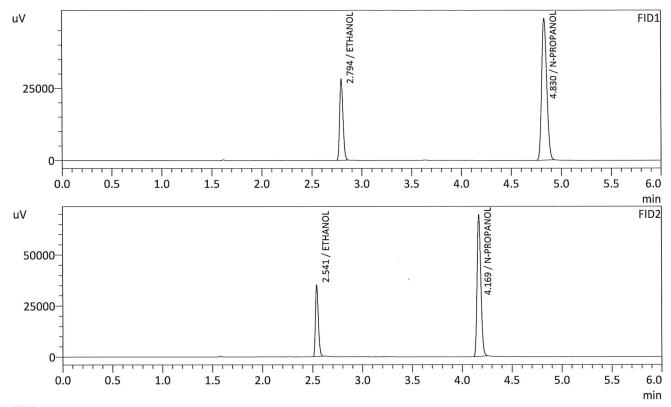
Sample Name Vial # Data Filename Method Filename Batch Filename

: 0.200\_4112023\_003.gcd : ALCOHOL\_041123\_TS.gcm : BATCH\_041123\_TS.gcb

**Date Acquired** 

: 4/11/2023 1:12:30 PM

Date Processed : 4/12/2023 7:17:13 AM
Default Project - G1KG333-Instrument1 - ALCOHOL\_041123\_TS.gcm



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.1990	g/100cc	65730	28099
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	172661	48838
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.1981	g/100cc	69714	34991
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	184628	69402
DFE		g/100cc		
TFE		g/100cc		



: 0.300

Sample Name Vial # Data Filename

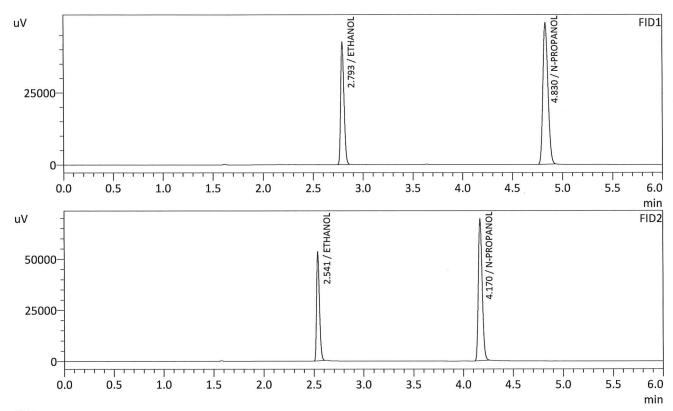
: 4

Method Filename

: 0.300\_4112023\_004.gcd : ALCOHOL\_041123\_TS.gcm : BATCH\_041123\_TS.gcb : 4/11/2023 1:22:14 PM

Batch Filename **Date Acquired** 

Date Processed : 4/12/2023 7:17:16 AM
Default Project - G1KG333-Instrument1 - ALCOHOL\_041123\_TS.gcm



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.2989	g/100cc	98962	42451
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	172437	48858
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height 
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.2978	g/100cc	105482	53148
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	184277	69232
DFE		g/100cc		
TFE		g/100cc		



: 0.500

: 5

Sample Name Vial # Data Filename

: 0.500\_4112023\_005.gcd : ALCOHOL\_041123\_TS.gcm : BATCH\_041123\_TS.gcb

Method Filename Batch Filename

0.0

0.5

1.0

Date Acquired : 4/11/2023 1:31:45 PM
Date Processed : 4/12/2023 7:17:19 AM
Default Project - G1KG333-Instrument1 - ALCOHOL\_041123\_TS.gcm

FID1 uV 50000-25000-1.5 2.5 3.0 3.5 4.0 4.5 5.0 5.5 6.0 0.5 2.0 0.0 1.0 min 4.170 / N-PROPANOL FID2 uV 2.541 / ETHANOL 50000

2.5

3.0

3.5

4.0

4.5

5.0

5.5

6.0

min

Name	Conc.	Unit	Area	Height 	
METHANOL		g/100cc			
ACETALDEHYDE		g/100cc			
ETHANOL	0.5008	g/100cc	167856	72210	
ISOPROPYL ALCOHOL		g/100cc			
ACETONE		g/100cc			
N-PROPANOL	0.0000	g/100cc	174071	49382	
DFE		g/100cc			
TFE		g/100cc			

2.0

1.5

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.5017	g/100cc	180265	91257
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	185632	69793
DFE		g/100cc		
TFE		g/100cc		



: INT STD BLK 1

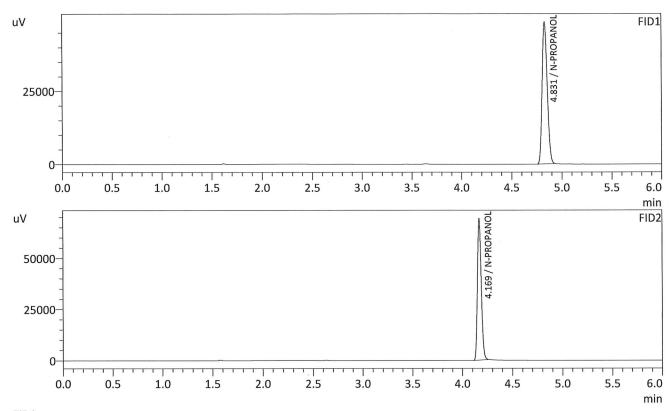
Sample Name Vial # Data Filename

: 6

Method Filename Batch Filename

: INT STD BLK 1\_4112023\_006.gcd : ALCOHOL\_041123\_TS.gcm : BATCH\_041123\_TS.gcb

**Date Acquired Date Processed**  : 4/11/2023 1:41:03 PM : 4/11/2023 1:47:04 PM



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	170623	48437	
DFE		g/100cc			
TFE		g/100cc			

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	183094	69024
DFE		g/100cc		
TFE		g/100cc		



: MULTI-COMP MIX

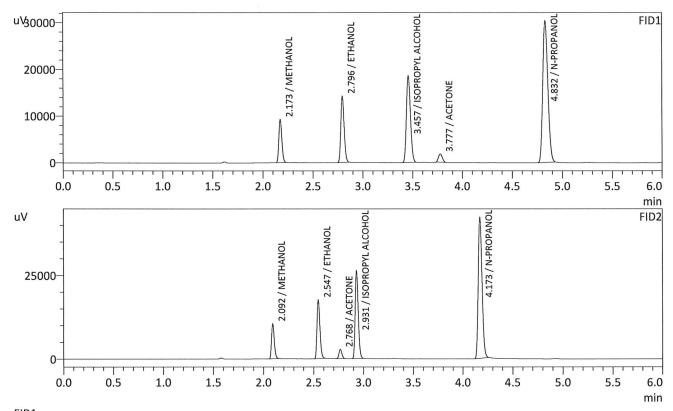
Data Filename

. 7

: MULTI-COMP MIX\_4112023\_007.gcd

Method Filename Batch Filename : ALCOHOL\_041123\_TS.gcm : BATCH\_041123\_TS.gcb

Date Acquired Date Processed : 4/11/2023 1:50:50 PM : 4/12/2023 7:20:59 AM



Name	Conc.	Unit	Area	Height	
METHANOL	0.0000	g/100cc	19086	9226	
ACETALDEHYDE		g/100cc			
ETHANOL	0.1635	g/100cc	33305	14072	
ISOPROPYL ALCOHOL	0.0000	g/100cc	52452	18557	
ACETONE	0.0000	g/100cc	4637	637 1725	
N-PROPANOL	0.0000	g/100cc	106770	30364	
DFE		g/100cc			
TFE		g/100cc			

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL	0.0000	g/100cc	20053	10398
ETHANOL	0.1651	g/100cc	35418	17483
ACETONE	0.0000	g/100cc	5598	2729
ISOPROPYL ALCOHOL	0.0000	g/100cc	55982	26080
N-PROPANOL	0.0000	g/100cc	113167	42025
DFE		g/100cc		
TFE		g/100cc		



: INT STD BLK 2

Sample Name Vial #

: 8

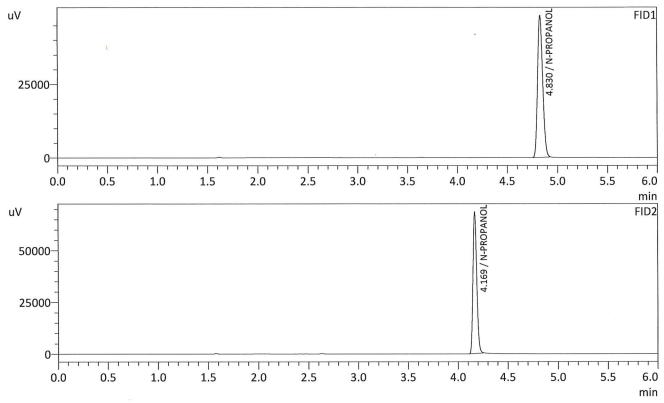
Data Filename

: INT STD BLK 2\_4112023\_008.gcd : ALCOHOL\_041123\_TS.gcm

Method Filename Batch Filename

: BATCH\_041123\_TS.gcb

Date Acquired Date Processed : 4/11/2023 2:00:19 PM : 4/11/2023 2:06:19 PM



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	169538	48051
DFE		g/100cc		
TFE		g/100cc		

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	181769	68246
DFE		g/100cc		
TFE		g/100cc		



### VOLATILES DETERMINATION CASEFILE WORKSHEET

### **VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No:	QC1-1		Ana	alysis Date(s):	4/11/2023 2:09	:36 PM(-06:00)		
	Column 1	Column 2	Column	Mean	Sample A-B			
	FID A	FID B	Precision	Value	Difference	Over-all Mean		
Sample Results	0.0731	0.0732	0.0001	0.0731		0.0704		
(g/100cc)	0.0731	0.0732	0.0001	0.0731	0.0000	0.0731		
Analysis Method	Analysis Method							
Refer to Blood Alcohol Method #1								
Instrument Information Instrument information is stored centrally.								
Refer To Instrument	Method:	ALCOHOL_0	41123_TS.gcr	n				
Reporting of Results	3		Uncertaint	y of Measurer	ments (UM%):	5.00%		
Overall	Mean (g/100c	c)	Low	High	5 9	% of Mean		
	0.073 0.069 0.07					0.004		
	Reported Results							

Calibration and control data are stored centrally.



: QC1-1

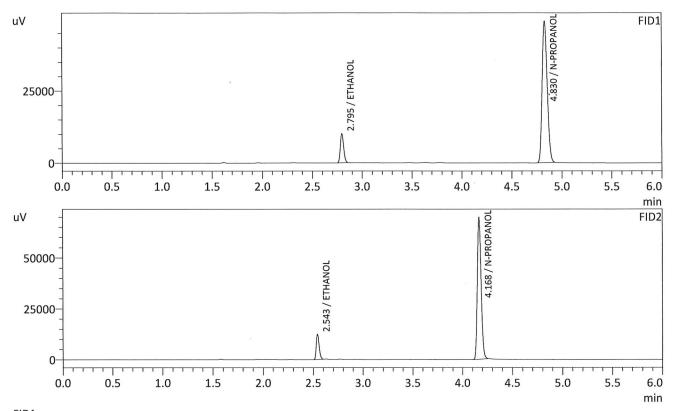
Data Filename Method Filename : QC1-1\_4112023\_009.gcd : ALCOHOL\_041123\_TS.gcm

Batch Filename **Date Acquired** 

: BATCH\_041123\_TS.gcb

Date Processed

: 4/11/2023 2:09:36 PM : 4/11/2023 2:15:38 PM



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0731	g/100cc	23701	10019
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	172726	48936
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0732	g/100cc	24728	12234
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	185197	69281
DFE		g/100cc		
TFE		g/100cc		



Sample Name Vial # Data Filename

: QC1-1-B

Method Filename

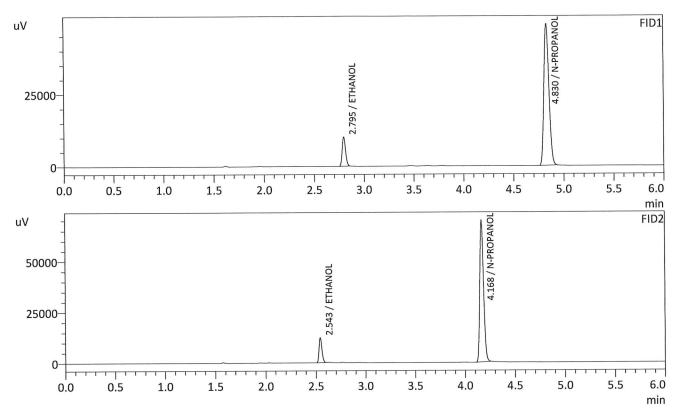
: QC1-1-B\_4112023\_010.gcd : ALCOHOL\_041123\_TS.gcm : BATCH\_041123\_TS.gcb

Batch Filename

Date Acquired

: 4/11/2023 2:19:20 PM : 4/11/2023 2:25:22 PM

**Date Processed** Default Project - G1KG333-Instrument1 - ALCOHOL\_041123\_TS.gcm



FID1 Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0731	g/100cc	23623	9991
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	172192	48751
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0732	g/100cc	24654	12174
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	184683	69367
DFE		g/100cc		
TFE		g/100cc		



### VOLATILES DETERMINATION CASEFILE WORKSHEET

### VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No:	0.08 QA		Ana	alysis Date(s):	4/11/2023 2:28	:52 PM(-06:00)
	Column 1	Column 2	Column	Mean	Sample A-B	
	FID A	FID B	Precision	Value	Difference	Over-all Mean
Sample Results	0.0811	0.0811	0.0000	0.0811	0.0001	0.0811
(g/100cc)	0.0812	0.0813	0.0001	0.0812	0.0001	
Analysis Method				200		
Refer to Blood Alcohol Method #1						
Instrument Information Instrument information is stored centrally.						
Refer To Instrument	Method:	ALCOHOL_0	41123_TS.gci	n		
Reporting of Result	S		Uncertain	ty of Measure	ments (UM%):	5.00%
Overall	Mean (g/100c	c)	Low	High	5 9	% of Mean
	0.081			0.086		0.005
		Re	ported Res	sults		
		0.081				

Calibration and control data are stored centrally.



Sample Name

: 0.08 QA

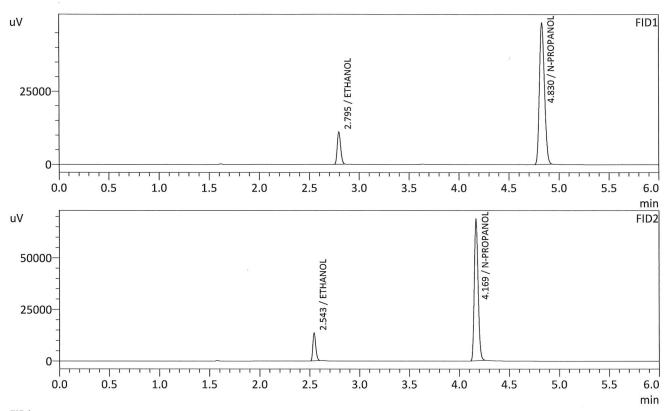
Vial #

Data Filename Method Filename : 0.08 QA \_4112023\_011.gcd : ALCOHOL\_041123\_TS.gcm : BATCH\_041123\_TS.gcb

Batch Filename

Date Acquired Date Processed

: 4/11/2023 2:28:52 PM : 4/11/2023 2:34:53 PM



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0811	g/100cc	25923	10993
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	169877	48266
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0811	g/100cc	27117	13414
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	182217	68427
DFE		g/100cc		
TFE		g/100cc		



: 0.08 QA - B

: 12

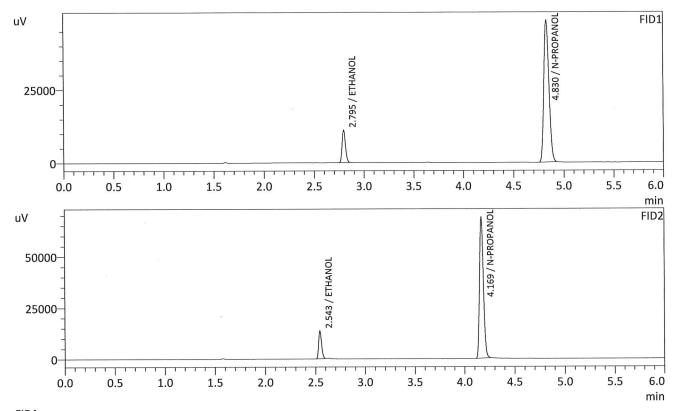
Sample Name Vial # Data Filename Method Filename

: 0.08 QA - B\_4112023\_012.gcd : ALCOHOL\_041123\_TS.gcm : BATCH\_041123\_TS.gcb

Batch Filename Date Acquired

**Date Processed** 

: 4/11/2023 2:38:09 PM : 4/11/2023 2:44:11 PM



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0812	g/100cc	26111	11060
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	170838	48460
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0813	g/100cc	27338	13499
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	183138	68594
DFE		g/100cc		
TFE		g/100cc		

### VOLATILES DETERMINATION CASEFILE WORKSHEET

### VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-1 Analysis Date(s): 4/11/2023						:13 PM(-06:00)	
	Column 1	Column 2	Column	Mean	Sample A-B	Over-all Mean	
	FID A	FID B	Precision	Value	Difference		
Sample Results	0.2124	0.2136	0.0012	0.2130	0.0005	0.0400	
(g/100cc)	0.2129	0.2142	0.0013	0.2135	0.0005	0.2132	
Analysis Method							
Refer to Blood Alcohol Method #1							
Instrument Information Instrument information is stored centrally.							
Refer To Instrument	Method:	ALCOHOL_0	41123_TS.gcr	n			
Reporting of Results	6		Uncertaint	y of Measure	ments (UM%):	5.00%	
Overall	Mean (g/100c	c)	Low	High	5 9	% of Mean	
0.213			0.202	0.224		0.011	
Rep			ported Res	sults			
		110	ported rice				

Calibration and control data are stored centrally.



Sample Name

: QC2-1

Vial # Data Filename : 31

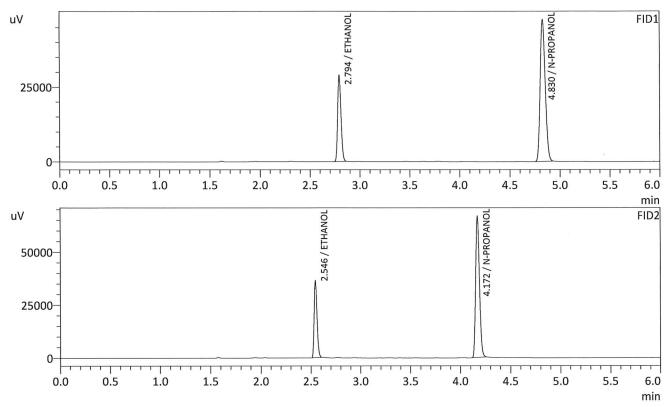
Method Filename

: QC2-1\_4112023\_031.gcd : ALCOHOL\_041123\_TS.gcm

Batch Filename Date Acquired

: BATCH\_041123\_TS.gcb : 4/11/2023 5:39:13 PM

Date Processed : 4/11/2023 5:45:14 PM
Default Project - G1KG333-Instrument1 - ALCOHOL\_041123\_TS.gcm



FID1				
Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.2124	g/100cc	67764	28893
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	166686	47471
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.2136	g/100cc	72297	36290
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	177265	66332
DFE		g/100cc		
TFE		g/100cc		



Sample Name

: QC2-1-B

Vial #

: 32

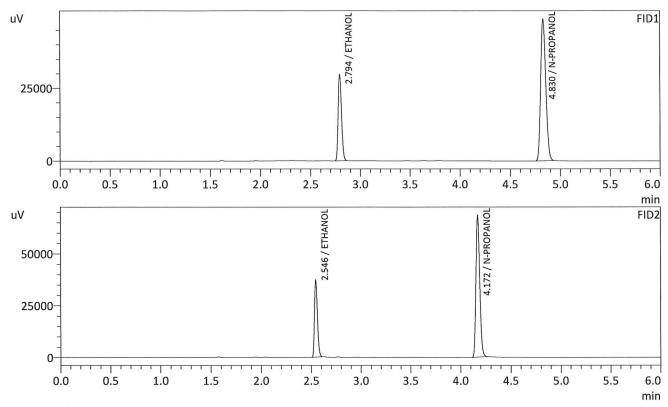
Data Filename Method Filename

: QC2-1-B\_4112023\_032.gcd : ALCOHOL\_041123\_TS.gcm

Batch Filename Date Acquired

: BATCH\_041123\_TS.gcb : 4/11/2023 5:48:45 PM

Date Processed : 4/11/2023 5:54:47 PM
Default Project - G1KG333-Instrument1 - ALCOHOL\_041123\_TS.gcm



Name	Conc.	· Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.2129	g/100cc	69505	29642
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc	,	
N-PROPANOL	0.0000	g/100cc	170531	48601
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.2142	g/100cc	74188	37174
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	181339	68055
DFE		g/100cc		
TFE		g/100cc		

### VOLATILES DETERMINATION CASEFILE WORKSHEET

### **VOLATILES DETERMINATION CASEFILE WORKSHEET**

Edbordtory 110.	QC1-2		Ana	ilysis Date(s):	4/11/2023 9:08	:43 PM(-06:00)
	Column 1	Column 2	Column	Mean	Sample A-B	Over-all Mean
	FID A	FID B	Precision	Value	Difference	Over-all Mean
Sample Results	0.0786	0.0794	0.0008	0.0790	0.0003	0.0791
(g/100cc)	0.0790	0.0796	0.0006	0.0793	0.0003	0.0791
Analysis Method			and and the commendation of the control of the cont			
Refer to Blood Alco	hol Method #1					
Instrument Informati	on					a stand a satually
mon annone mnonnau	OH			instrumen	it information is	s stored centrally.
Refer To Instrument		ALCOHOL_0	41123_TS.gcr		it information is	s stored centrally.
	Method:	ALCOHOL_0		m	ments (UM%):	
Refer To Instrument Reporting of Results	Method:	_		m	ments (UM%):	
Refer To Instrument Reporting of Results	Method:	_	Uncertaint	y of Measure	ments (UM%):	5.00%
Refer To Instrument Reporting of Results	Method:  Mean (g/100c	c)	Uncertaint	y of Measure High 0.083	ments (UM%):	5.00% % of Mean

Calibration and control data are stored centrally.



: QC1-2

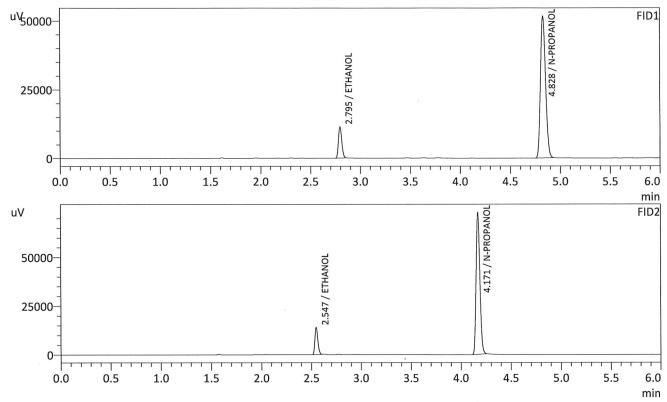
: 53

Data Filename Method Filename : QC1-2\_4112023\_053.gcd : ALCOHOL\_041123\_TS.gcm : BATCH\_041123\_TS.gcb

Batch Filename

: 4/11/2023 9:08:43 PM : 4/11/2023 9:14:45 PM

Date Acquired Date Processed



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0786	g/100cc	26704	11324
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	180532	51585
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0794	g/100cc	28021	13924
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	192450	72609
DFE		g/100cc		
TFE		g/100cc		



Sample Name Vial # : QC1-2-B

 Sample Name
 : QC1-2-B

 Vial #
 : 54

 Data Filename
 : QC1-2-B\_4112023\_054.gcd

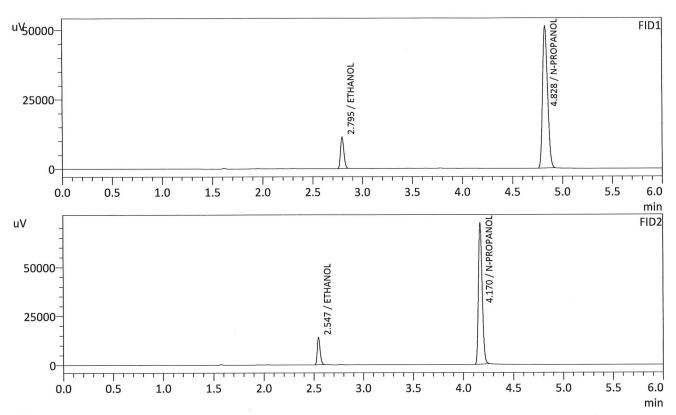
 Method Filename
 : ALCOHOL\_041123\_TS.gcm

 Batch Filename
 : BATCH\_041123\_TS.gcb

 Date Acquired
 : 4/11/2023 9:18:01 PM

 Date Processed
 : 4/11/2023 9:24:03 PM

 Default Project - G1KG333-Instrument1 - ALCOHOL\_041123\_TS.gcm



FID1 Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0790	g/100cc	26652	11302
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	179396	51206
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0796	g/100cc	27939	13882
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	191333	72218
DFE		g/100cc		
TFE		g/100cc		



### VOLATILES DETERMINATION CASEFILE WORKSHEET

### **VOLATILES DETERMINATION CASEFILE WORKSHEET**

Laboratory No: QC2-2 Analysis Date(s): 4/11/2023 11:40:43 PM(-06:00)						0:43 PM(-06:00)
	Column 1	Column 2	Column	Mean	Sample A-B	Over-all Mean
	FID A	FID B	Precision	Value	Difference	Over-all Mean
Sample Results	0.2228	0.2239	0.0011	0.2233	0.0006	0.2236
(g/100cc)	0.2235	0.2243	0.0008	0.2239	0.0000	0.2230
Analysis Method						
Refer to Blood Alco	hol Method #1	l				
Instrument Informati	on			Instrumen	t information is	s stored centrally.
Refer To Instrument	Method:	ALCOHOL_0	41123_TS.gcr	m		
Reporting of Results	3		Uncertaint	y of Measure	ments (UM%):	5.00%
Overall	Mean (g/100c	c)	Low	High	5 9	% of Mean
	0.223		0.211	0.235		0.012
		Rep	oorted Res	sults		
	4		0.223			

Calibration and control data are stored centrally.



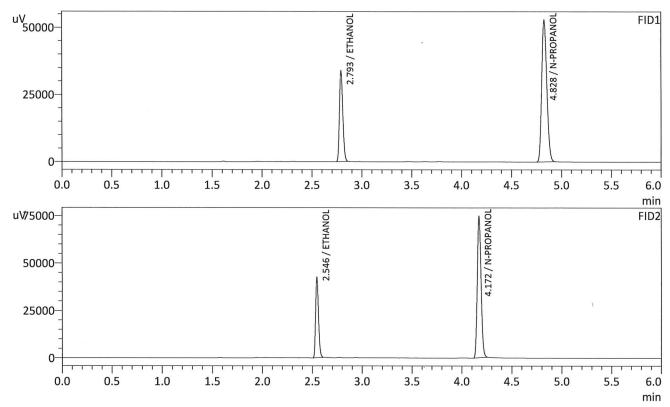
: QC2-2

Data Filename

: 69

Method Filename

: QC2-2\_4112023\_069.gcd : ALCOHOL\_041123\_TS.gcm



FID1				
Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.2228	g/100cc	78978	33751
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	185077	52859
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.2239	g/100cc	84297	42357
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	196989	74359
DFE		g/100cc		
TFE		g/100cc		

: QC2-2-B

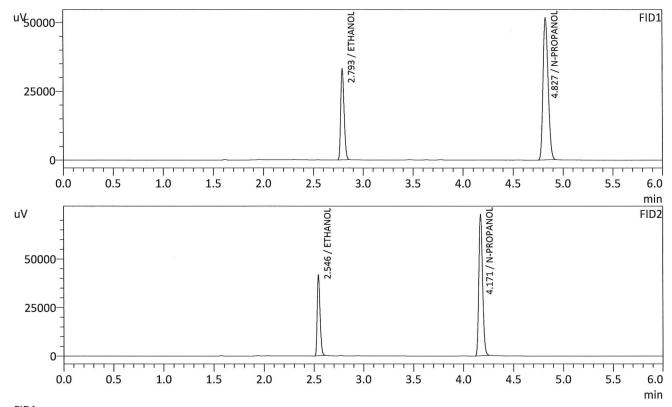
: 70

Data Filename Method Filename : QC2-2-B\_4112023\_070.gcd

Batch Filename

: ALCOHOL\_041123\_TS.gcm : BATCH\_041123\_TS.gcb

**Date Acquired** Date Processed : 4/11/2023 11:50:33 PM : 4/11/2023 11:56:34 PM



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.2235	g/100cc	77297	33062
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	180554	51639
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.2243	g/100cc	82510	41553
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	192460	72718
DFE		g/100cc		
TFE		g/100cc		



: INT STD BLK 3

:71

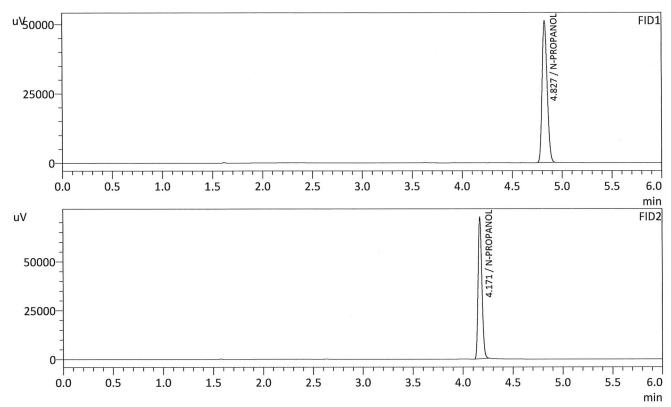
Data Filename

Method Filename

: INT STD BLK 3\_4112023\_071.gcd : ALCOHOL\_041123\_TS.gcm : BATCH\_041123\_TS.gcb

Batch Filename

**Date Acquired Date Processed**  : 4/11/2023 11:59:58 PM : 4/12/2023 12:06:00 AM



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	178620	51042
DFE		g/100cc		
TFE		g/100cc		

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	191089	72323
DFE		g/100cc		
TFE		g/100cc		



: DFE : 72

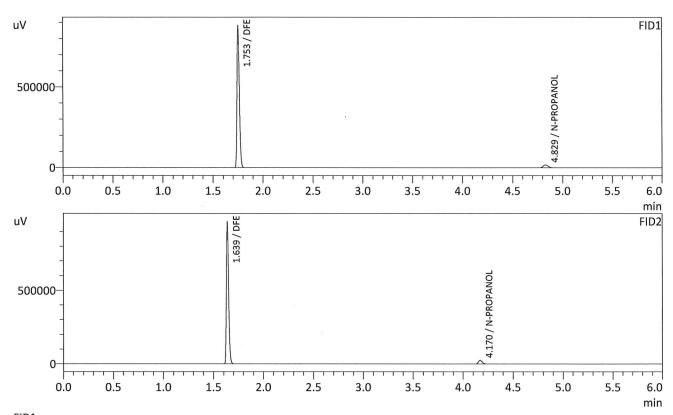
Data Filename Method Filename

: DFE\_4112023\_072.gcd : ALCOHOL\_041123\_TS.gcm : BATCH\_041123\_TS.gcb

Batch Filename Date Acquired Date Processed

: 4/12/2023 12:09:14 AM

Date Processed : 4/12/2023 12:15:16 AM
Default Project - G1KG333-Instrument1 - ALCOHOL\_041123\_TS.gcm



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	63229	18075
DFE	0.0000	g/100cc	1447977	875910
TFE		g/100cc		

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	66819	25219
DFE	0.0000	g/100cc	1500549	947015
TFE		g/100cc		



: INT STD BLK 4

: 73

: INT STD BLK 4\_4112023\_073.gcd : ALCOHOL\_041123\_TS.gcm

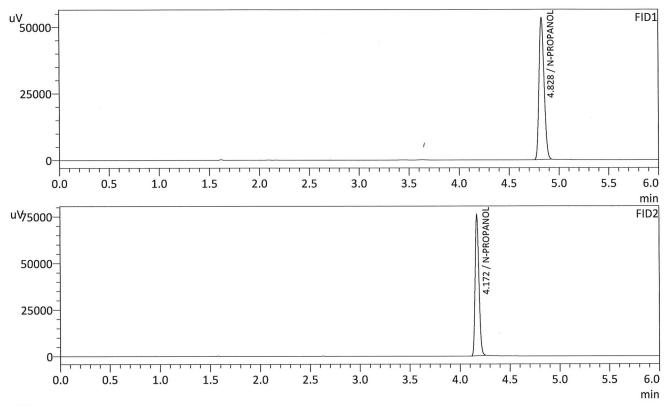
Data Filename Method Filename Batch Filename

**Date Acquired** 

: BATCH\_041123\_TS.gcb : 4/12/2023 12:19:05 AM

**Date Processed** 

: 4/12/2023 12:25:07 AM



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	186076	53313
DFE		g/100cc		
TFE		g/100cc		

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	199100	75443
DFE		g/100cc		
TFE		g/100cc		



## Region 5 Pocatello Blood Alcohol Analysis Batch Table

Shimadzu Nexis GC-2030 Serial Number: C12255850662 Shimadzu HS-20 Serial Number: C12595700014 LabSolutions Version 6.117 Copyright (C) 2008-2022 Shimadzu Corporation. All rights reserved.

2 0.100		1 2 3 4 5
3   0.200	00_4112023_003.gcd 00_4112023_004.gcd 00_4112023_005.gcd 1_4112023_006.gcd	3 4
4         0.300         1:Standard:(R)         ALCOHOL_041123_TS.gcm         1-263 - 0.30           5         0.500         1:Standard:(R)         ALCOHOL_041123_TS.gcm         1-264 - 0.50           6         INT STD BLK 1         0:Unknown         ALCOHOL_041123_TS.gcm         1-265 - INT STD BLK           7         MULTI-COMP MIX         0:Unknown         ALCOHOL_041123_TS.gcm         1-266 - MULTI-COMP MI           8         INT STD BLK 2         0:Unknown         ALCOHOL_041123_TS.gcm         1-268 - QC1-1           10         QC1-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-269 - QC1-1           11         0.08 QA         0:Unknown         ALCOHOL_041123_TS.gcm         1-270 - 0.08 QA           12         0.08 QA - B         0:Unknown         ALCOHOL_041123_TS.gcm         1-271 - 0.08 QA           13         P2023-0933-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-272 - P2023-0933-1           15         P2023-0934-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-274 - P2023-0934-1           16         P2023-0939-2         0:Unknown         ALCOHOL_041123_TS.gcm         1-275 - P2023-0934-1           17         P2023-0939-2-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-276 - P2023-0934-1           1	00_4112023_004.gcd 00_4112023_005.gcd 1_4112023_006.gcd	4
4         0.300         1:Standard:(R)         ALCOHOL_041123_TS.gcm         1-263 - 0.30           5         0.500         1:Standard:(R)         ALCOHOL_041123_TS.gcm         1-264 - 0.50           6         INT STD BLK 1         0:Unknown         ALCOHOL_041123_TS.gcm         1-265 - INT STD BLK           7         MULTI-COMP MIX         0:Unknown         ALCOHOL_041123_TS.gcm         1-266 - MULTI-COMP MI           8         INT STD BLK 2         0:Unknown         ALCOHOL_041123_TS.gcm         1-267 - INT STD BLK           9         QC1-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-269 - QC1-1           10         QC1-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-270 - 0.08 QA           12         0.08 QA         0:Unknown         ALCOHOL_041123_TS.gcm         1-271 - 0.08 QA           13         P2023-0933-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-272 - P2023-0933-1           15         P2023-0934-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-274 - P2023-0934-1           16         P2023-0939-2         0:Unknown         ALCOHOL_041123_TS.gcm         1-275 - P2023-0934-1           17         P2023-0939-2         0:Unknown         ALCOHOL_041123_TS.gcm         1-276 - P2023-0934-1           19 </td <td>00_4112023_005.gcd 1_4112023_006.gcd</td> <td></td>	00_4112023_005.gcd 1_4112023_006.gcd	
6 INT STD BLK 1         0:Unknown         ALCOHOL_041123_TS.gcm         1-265 - INT STD BLK           7 MULTI-COMP MIX         0:Unknown         ALCOHOL_041123_TS.gcm         266 - MULTI-COMP MI           8 INT STD BLK 2         0:Unknown         ALCOHOL_041123_TS.gcm         1-267 - INT STD BLK           9 QC1-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-269 - QC1-1           11 Q.08 QA         0:Unknown         ALCOHOL_041123_TS.gcm         1-270 - 0.08 QA           12 Q.08 QA - B         0:Unknown         ALCOHOL_041123_TS.gcm         1-271 - 0.08 QA -           13 P2023-0933-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-272 - P2023-0933-1           15 P2023-0934-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-273 - P2023-0933-1           16 P2023-0934-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-275 - P2023-0934-1           17 P2023-0939-2         0:Unknown         ALCOHOL_041123_TS.gcm         1-275 - P2023-0934-1           17 P2023-0939-2         0:Unknown         ALCOHOL_041123_TS.gcm         1-276 - P2023-0934-1           17 P2023-0939-2         0:Unknown         ALCOHOL_041123_TS.gcm         1-277 - P2023-0939-2-           19 P2023-0939-2-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-277 - P2023-0939-2-           20 P2023-0951-1	1_4112023_006.gcd	5
6 INT STD BLK 1         0:Unknown         ALCOHOL_041123_TS.gcm         1-265 - INT STD BLK           7 MULTI-COMP MIX         0:Unknown         ALCOHOL_041123_TS.gcm         266 - MULTI-COMP MI           8 INT STD BLK 2         0:Unknown         ALCOHOL_041123_TS.gcm         1-267 - INT STD BLK           9 QC1-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-269 - QC1-1           11 Q.08 QA         0:Unknown         ALCOHOL_041123_TS.gcm         1-270 - 0.08 QA           12 Q.08 QA - B         0:Unknown         ALCOHOL_041123_TS.gcm         1-271 - 0.08 QA -           13 P2023-0933-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-272 - P2023-0933-1           14 P2023-0933-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-273 - P2023-0933-1           15 P2023-0934-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-275 - P2023-0934-1           17 P2023-0939-2         0:Unknown         ALCOHOL_041123_TS.gcm         1-275 - P2023-0934-1           17 P2023-0939-2         0:Unknown         ALCOHOL_041123_TS.gcm         1-276 - P2023-0934-1           17 P2023-0939-2         0:Unknown         ALCOHOL_041123_TS.gcm         1-277 - P2023-0939-2-           19 P2023-0939-2-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-277 - P2023-0939-2-           20 P2023-0951-1	1_4112023_006.gcd	
7         MULTI-COMP MIX         0:Unknown         ALCOHOL_041123_TS.gcm         266 - MULTI-COMP MI           8         INT STD BLK 2         0:Unknown         ALCOHOL_041123_TS.gcm         1-267 - INT STD BLK           9         QC1-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-269 - QC1-1-10.00           10         QC1-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-270 - 0.08 Q.           12         0.08 QA - B         0:Unknown         ALCOHOL_041123_TS.gcm         1-271 - 0.08 QA - 1271 - 0.08 QA - 1272 - P2023-0933-1           15         P2023-0933-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-272 - P2023-0933-1           15         P2023-0934-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-274 - P2023-0933-1           16         P2023-0934-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-275 - P2023-0934-1           17         P2023-0939-2         0:Unknown         ALCOHOL_041123_TS.gcm         1-276 - P2023-0934-1           17         P2023-0939-2-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-277 - P2023-0939-2           19         P2023-0951-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-277 - P2023-0951-1           20         P2023-0951-1-B         0:Unknown         ALCOHOL_041123_TS.gcm<		0
8         INT STD BLK 2         0:Unknown         ALCOHOL_041123_TS.gcm         1-267 - INT STD BLK           9         QC1-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-268 - QC1-1-10           10         QC1-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-269 - QC1-1-10           11         0.08 QA         0:Unknown         ALCOHOL_041123_TS.gcm         1-270 - 0.08 QA-12-10-10           12         0.08 QA - B         0:Unknown         ALCOHOL_041123_TS.gcm         1-272 - P2023-0933-1-12-12-10-10           14         P2023-0933-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-273 - P2023-0933-1-15-12-12-12-12-12-12-12-12-12-12-12-12-12-	A 4112023 007.000	1
9 QC1-1 0:Unknown ALCOHOL_041123_TS.gcm 1-268 - QC1-1 10 QC1-1-B 0:Unknown ALCOHOL_041123_TS.gcm 1-269 - QC1-1-1 11 0.08 QA 0:Unknown ALCOHOL_041123_TS.gcm 1-270 - 0.08 QA-12 0.08 QA - B 0:Unknown ALCOHOL_041123_TS.gcm 1-271 - 0.08 QA-13 P2023-0933-1 0:Unknown ALCOHOL_041123_TS.gcm 1-272 - P2023-0933-1		0
10         QC1-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-269 - QC1-1-10.08 QA           11         0.08 QA         0:Unknown         ALCOHOL_041123_TS.gcm         1-270 - 0.08 QA           12         0.08 QA - B         0:Unknown         ALCOHOL_041123_TS.gcm         1-271 - 0.08 QA           13         P2023-0933-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-272 - P2023-0933-1-12.73 - P2023-0933-1-15.           15         P2023-0934-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-274 - P2023-0934-1-17.75 - P2023-0934-1-17.75 - P2023-0934-1-17.75 - P2023-0934-1-17.75 - P2023-0934-1-17.75 - P2023-0939-2-17.75 - P2023-0939-2-18.         1-276 - P2023-0934-1-17.75 - P2023-0934-1-17.75 - P2023-0939-2-19.75 - P202	-1_4112023_009.gcd	0
11         0.08 QA         0:Unknown         ALCOHOL_041123_TS.gcm         1-270 - 0.08 QA           12         0.08 QA - B         0:Unknown         ALCOHOL_041123_TS.gcm         1-271 - 0.08 QA -           13         P2023-0933-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-272 - P2023-0933-1           14         P2023-0933-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-273 - P2023-0933-1           15         P2023-0934-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-275 - P2023-0934-1           16         P2023-0939-2-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-276 - P2023-0934-1           17         P2023-0939-2-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-277 - P2023-0939-2-1           19         P2023-0951-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-278 - P2023-0951-1           20         P2023-0951-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-279 - P2023-0951-1           21         P2023-0952-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-280 - P2023-0952-1           22         P2023-0952-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-281 - P2023-0952-1           23         P2023-0954-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-28		0
12         0.08 QA - B         0:Unknown         ALCOHOL_041123_TS.gcm         1-271 - 0.08 QA - 13 P2023-0933-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-272 - P2023-0933-1           14         P2023-0933-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-273 - P2023-0933-1           15         P2023-0934-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-274 - P2023-0934-1           16         P2023-0934-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-275 - P2023-0934-1           17         P2023-0939-2         0:Unknown         ALCOHOL_041123_TS.gcm         1-276 - P2023-0939-2           19         P2023-0939-2-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-277 - P2023-0939-2           19         P2023-0951-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-279 - P2023-0951-1           20         P2023-0951-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-279 - P2023-0951-1           21         P2023-0952-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-280 - P2023-0952-1           22         P2023-0952-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-281 - P2023-0952-1           23         P2023-0954-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-282 - P2023-0954-1		0
13         P2023-0933-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-272 - P2023-0933-1           14         P2023-0933-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-273 - P2023-0933-1           15         P2023-0934-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-274 - P2023-0934-1           16         P2023-0934-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-275 - P2023-0934-1           17         P2023-0939-2         0:Unknown         ALCOHOL_041123_TS.gcm         1-276 - P2023-0939-2           19         P2023-0939-2-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-277 - P2023-0939-2           19         P2023-0951-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-278 - P2023-0939-2           20         P2023-0951-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-279 - P2023-0951-1           21         P2023-0952-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-280 - P2023-0952-1           22         P2023-0952-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-281 - P2023-0952-1           23         P2023-0954-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-282 - P2023-0954-1           25         P2023-0961-1         0:Unknown         ALCOHOL_041123_TS.gcm		0
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16         P2023-0934-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-275 - P2023-0934-1-           17         P2023-0939-2         0:Unknown         ALCOHOL_041123_TS.gcm         1-276 - P2023-0939-1-           18         P2023-0939-2-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-277 - P2023-0939-2-           19         P2023-0951-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-278 - P2023-0951-1-           20         P2023-0951-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-279 - P2023-0951-1-           21         P2023-0952-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-280 - P2023-0952-1-           22         P2023-0952-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-281 - P2023-0952-1-           23         P2023-0954-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-282 - P2023-0954-1-           24         P2023-0954-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-283 - P2023-0954-1-           25         P2023-0961-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-284 - P2023-0961-1-           26         P2023-0961-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-285 - P2023-0961-1-           27         P2023-0962-1         0:Unknown         ALCOHOL_041123_TS.gc		0
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18         P2023-0939-2-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-277 - P2023-0939-2-           19         P2023-0951-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-278 - P2023-0951-           20         P2023-0951-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-279 - P2023-0951-1-           21         P2023-0952-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-280 - P2023-0952-1-           22         P2023-0952-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-281 - P2023-0952-1-           23         P2023-0954-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-282 - P2023-0954-1-           24         P2023-0954-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-283 - P2023-0954-1-           25         P2023-0961-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-284 - P2023-0961-1-           26         P2023-0961-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-285 - P2023-0961-1-           27         P2023-0962-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-286 - P2023-0962-1           28         P2023-0962-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-287 - P2023-0962-1		0
19         P2023-0951-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-278 - P2023-0951-1           20         P2023-0951-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-279 - P2023-0951-1-           21         P2023-0952-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-280 - P2023-0952-1-           22         P2023-0952-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-281 - P2023-0952-1-           23         P2023-0954-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-282 - P2023-0954-1-           24         P2023-0954-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-283 - P2023-0954-1-           25         P2023-0961-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-284 - P2023-0961-1-           26         P2023-0961-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-285 - P2023-0961-1-           27         P2023-0962-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-286 - P2023-0962-1-           28         P2023-0962-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-287 - P2023-0962-1-		0
20         P2023-0951-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-279 - P2023-0951-1-           21         P2023-0952-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-280 - P2023-0952-1-           22         P2023-0952-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-281 - P2023-0952-1-           23         P2023-0954-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-282 - P2023-0954-1-           24         P2023-0954-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-283 - P2023-0954-1-           25         P2023-0961-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-284 - P2023-0961-           26         P2023-0961-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-285 - P2023-0961-1-           27         P2023-0962-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-286 - P2023-0962-1           28         P2023-0962-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-287 - P2023-0962-1		0
21         P2023-0952-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-280 - P2023-0952-1-8           22         P2023-0952-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-281 - P2023-0952-1-8           23         P2023-0954-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-282 - P2023-0954-1-8           24         P2023-0954-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-283 - P2023-0954-1-8           25         P2023-0961-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-284 - P2023-0961-1-8           26         P2023-0961-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-285 - P2023-0961-1-8           27         P2023-0962-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-286 - P2023-0962-1-8           28         P2023-0962-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-287 - P2023-0962-1-8		0
.22         P2023-0952-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-281 - P2023-0952-1-           23         P2023-0954-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-282 - P2023-0954-           24         P2023-0954-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-283 - P2023-0954-1-           25         P2023-0961-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-284 - P2023-0961-           26         P2023-0961-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-285 - P2023-0961-1-           27         P2023-0962-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-286 - P2023-0962-1-           28         P2023-0962-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-287 - P2023-0962-1-		0
23         P2023-0954-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-282 - P2023-0954-1           24         P2023-0954-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-283 - P2023-0954-1           25         P2023-0961-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-284 - P2023-0961-1           26         P2023-0961-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-285 - P2023-0961-1           27         P2023-0962-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-286 - P2023-0962-1           28         P2023-0962-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-287 - P2023-0962-1	-1_4112023_021.gcd	0
24         P2023-0954-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-283 - P2023-0954-1-           25         P2023-0961-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-284 - P2023-0961-           26         P2023-0961-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-285 - P2023-0961-1-           27         P2023-0962-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-286 - P2023-0962-           28         P2023-0962-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-287 - P2023-0962-1-	-B_4112023_022.gcd	0
25         P2023-0961-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-284 - P2023-0961           26         P2023-0961-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-285 - P2023-0961-1-           27         P2023-0962-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-286 - P2023-0962-           28         P2023-0962-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-287 - P2023-0962-1-	-1_4112023_023.gcd	0
26     P2023-0961-1-B     0:Unknown     ALCOHOL_041123_TS.gcm     1-285 - P2023-0961-1-       27     P2023-0962-1     0:Unknown     ALCOHOL_041123_TS.gcm     1-286 - P2023-0962-       28     P2023-0962-1-B     0:Unknown     ALCOHOL_041123_TS.gcm     1-287 - P2023-0962-1-	-B_4112023_024.gcd	0
27         P2023-0962-1         0:Unknown         ALCOHOL_041123_TS.gcm         1-286 - P2023-0962           28         P2023-0962-1-B         0:Unknown         ALCOHOL_041123_TS.gcm         1-287 - P2023-0962-1-	-1_4112023_025.gcd	0
28 P2023-0962-1-B 0:Unknown ALCOHOL_041123_TS.gcm 1-287 - P2023-0962-1-	-B_4112023_026.gcd	0
	-1_4112023_027.gcd	0
	-B 4112023 028.gcd	0
29 P2023-0963-1 0:Unknown ALCOHOL_041123_TS.gcm 1-288 - P2023-0963	-1_4112023_029.gcd	0
30 P2023-0963-1-B 0:Unknown ALCOHOL_041123_TS.gcm 1-289 - P2023-0963-1-		0
	-1_4112023_031.gcd	0
	-B_4112023_032.gcd	0
	-1 4112023 033.gcd	0
34 P2023-0980-1-B 0:Unknown ALCOHOL_041123_TS.gcm 1-293 - P2023-0980-1-		0
	-1 4112023 035.gcd	0
36 P2023-0989-1-B 0:Unknown ALCOHOL_041123_TS.gcm 1-295 - P2023-0989-1-		0
	-1_4112023_037.gcd	0
		0
	-1_4112023_039.gcd	0
40 P2023-1010-1-B 0:Unknown ALCOHOL_041123_TS.gcm 1-299 - P2023-1010-1-		0
41 P2023-1022-1 0:Unknown ALCOHOL_041123_TS.gcm 1-300 - P2023-1022		
42 P2023-1022-1-B 0:Unknown ALCOHOL_041123_TS.gcm 1-301 - P2023-1022-1-		0
	-1_4112023_043.gcd	0
44 P2023-1027-1-B 0:Unknown ALCOHOL_041123_TS.gcm 1-303 - P2023-1027-1-		0
	-1_4112023_045.gcd	0
46 P2023-1031-1-B 0:Unknown ALCOHOL_041123_TS.gcm 1-305 - P2023-1031-1-		0
	-1_4112023_047.gcd	0
48 P2023-1034-1-B 0:Unknown ALCOHOL_041123_TS.gcm 1-307 - P2023-1034-1-		0
	-1_4112023_049.gcd	0
50 P2023-1048-1-B 0:Unknown ALCOHOL_041123_TS.gcm 1-309 - P2023-1048-1-	-B_4112023_050.gcd	0
	-1_4112023_051.gcd	0
52 P2023-1049-1-B 0:Unknown ALCOHOL_041123_TS.gcm 1-311 - P2023-1049-1-	-B_4112023_052.gcd	0
53 QC1-2 0:Unknown ALCOHOL_041123_TS.gcm 1-312 - QC1	-2_4112023_053.gcd	0
54 QC1-2-B 0:Unknown ALCOHOL_041123_TS.gcm 1-313 - QC1-2-	-B_4112023_054.gcd	0
55 P2023-1052-1 0:Unknown ALCOHOL_041123_TS.gcm 1-314 - P2023-1052	-1_4112023_055.gcd	0
56 P2023-1052-1-B 0:Unknown ALCOHOL_041123_TS.gcm 1-315 - P2023-1052-1-		0
	-1_4112023_057.gcd	0
58 P2023-1053-1-B 0:Unknown ALCOHOL_041123_TS.gcm 1-317 - P2023-1053-1-		0

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1	
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Vial#	Sample Name	Sample Type	Method File	Data File	Level#
59	P2023-1054-1	0:Unknown	ALCOHOL_041123_TS.gcm	1-318 - P2023-1054-1_4112023_059.gcd	0
` 60	P2023-1054-1-B	0:Unknown	ALCOHOL_041123_TS.gcm	1-319 - P2023-1054-1-B_4112023_060.gcd	0
61	P2023-1055-1	0:Unknown	ALCOHOL_041123_TS.gcm	1-320 - P2023-1055-1_4112023_061.gcd	0
62	P2023-1055-1-B	0:Unknown	ALCOHOL_041123_TS.gcm	1-321 - P2023-1055-1-B_4112023_062.gcd	0
63	P2023-1078-1	0:Unknown	ALCOHOL_041123_TS.gcm	1-322 - P2023-1078-1_4112023_063.gcd	0
64	P2023-1078-1B	0:Unknown	ALCOHOL_041123_TS.gcm	1-323 - P2023-1078-1B_4112023_064.gcd	0
65	P2023-1085-1	0:Unknown	ALCOHOL_041123_TS.gcm	1-324 - P2023-1085-1_4112023_065.gcd	0
66	P2023-1085-1B	0:Unknown	ALCOHOL_041123_TS.gcm	1-325 - P2023-1085-1B_4112023_066.gcd	0
67	P2023-1087-1	0:Unknown	ALCOHOL_041123_TS.gcm	1-326 - P2023-1087-1_4112023_067.gcd	0
68	P2023-1087-1-B	0:Unknown	ALCOHOL_041123_TS.gcm	1-327 - P2023-1087-1-B_4112023_068.gcd	0
69	QC2-2	0:Unknown	ALCOHOL_041123_TS.gcm	1-328 - QC2-2_4112023_069.gcd	0
70	QC2-2-B	0:Unknown	ALCOHOL_041123_TS.gcm	1-329 - QC2-2-B_4112023_070.gcd	0
71	INT STD BLK 3	0:Unknown	ALCOHOL_041123_TS.gcm	1-330 - INT STD BLK 3_4112023_071.gcd	0
72	DFE	0:Unknown	ALCOHOL_041123_TS.gcm	1-331 - DFE_4112023_072.gcd	0
73	INT STD BLK 4	0:Unknown	ALCOHOL_041123_TS.gcm	1-332 - INT STD BLK 4_4112023_073.gcd	0