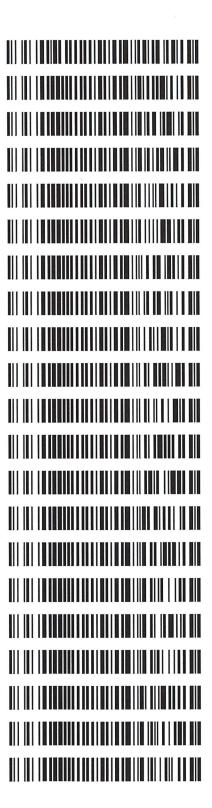
Wor	klist:	6672
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	LAB CASE	<u>ITEM</u>	ITEM TYPE	DESCRIPTION
	M2024-0215	1	COBCK	Alcohol Analysis
	P2024-0138	1	вск	Alcohol Analysis
	P2024-0141	1	вск	Alcohol Analysis
	P2024-0142	1	вск	Alcohol Analysis
	P2024-0156	1	вск	Alcohol Analysis
	P2024-0157	1	вск	Alcohol Analysis
	P2024-0170	1	вск	Alcohol Analysis
	P2024-0175	1	вск	Alcohol Analysis
	P2024-0184	1	вск	Alcohol Analysis
	P2024-0193	1	вск	Alcohol Analysis
	P2024-0195	1	вск	Alcohol Analysis
	P2024-0198	1	вск	Alcohol Analysis
	P2024-0247	1	BCK	Alcohol Analysis
	P2024-0250	1	BCK	Alcohol Analysis
×	P2024-0255	1	BCK	Alcohol Analysis Sample rerun at Alcohol Analysis a later date.
	P2024-0257	1	BLOOD	Alcohol Analysis
	P2024-0258	1	BLOOD	Alcohol Analysis
	P2024-0259	1	BLOOD	Alcohol Analysis
	P2024-0350	1	вск	BATS Proficiency Test
	P2024-0350	2	вск	BATS Proficiency Test
	P2024-0350	3	вск	BATS Proficiency Test



Worklist: 6672

LAB CASE ITEM ITEM TYPE DESCRIPTION

P2024-0350 4 BCK BATS Proficiency Test

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

P

REVIEWED

By Rachel Cutler at 2:00 pm, Feb 07, 2024

ML600GB9897 Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: Analytical Method(s): 1.0

02/06/2024 Run Date(s): Volatiles Quality Assurance Controls

Calibration Date: (if different)
Worklist #: 6672

	E	By I	Ra	che	e/ (Cu	tlei	r at	2:	(
7/00	Overall Results	0.0835 g/100cc	0.0901 g/100cc	g/100cc	0.2128 g/100cc	0.2189 g/100cc	g/100cc		0.99984	
	Acceptable Range		0.0789-0.0964			0.1827-0.2233		FN06041902	Column2	
WOI KIISU #.	Acceptab		0.0789			0.1827		EN060	0.6666.0	
AA OI	Target Value		7.0877			0.2030		Lot#	0.0	
	Targe		0.0			0.2		31-0ct	Column 1	
	Lot#		2209047			2110181		31-		
	r		220			211		Exp:		
	Expiration		Oct-26			Mar-26		Multi-Component mixture:	Curve Fit:	
	Control level		Level 1			Level 2		Multi-Compo		

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	0.0513	0.0521	0.0008	0.0517
100	0.100	0.090 - 0.110	0.1004	0.1001	0.0003	0.1002
200	0.200	0.180 - 0.220	0.1988	0.1985	0.0003	0.1986
300	0.300	0.270 - 0.330	0.2976	0.2970	0.0006	0.2973
400	0.400	0.360 - 0.440			0	#DIV/0!
500	0.500	0.450 - 0.550	0.5016	0.5020	0.0004	0.5018

Aqueous Controls

Control level Target Value		
	Acceptable Range	Overall Results
0.080	0.076 - 0.084	0.082 g/100cc

Revision: 5 Issue Date: 07/05/2022 Issuing Authority: Quality Manager

Internal Standard Monitoring Worksheet

02/06/2024	
Run Date(s):	
6672	
Worklist #:	

rnal Standard Solution:	ep Date:	2/5/2024	Exp Date:	8/5/2024
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, , , ,	Column 2 Value	206686	206691	210780	211104	220214	219996			209580	207298	225093	234354		
	Column 1 Value	202028	202260	205964	205889	214131	214157			204405	202294	219037	228056		
	Sample Name	0.080	0.080	QC1	QC1	QC1	QC1	QC1	QC1	QC2	QC2	QC2	QC2	QC2	QC2

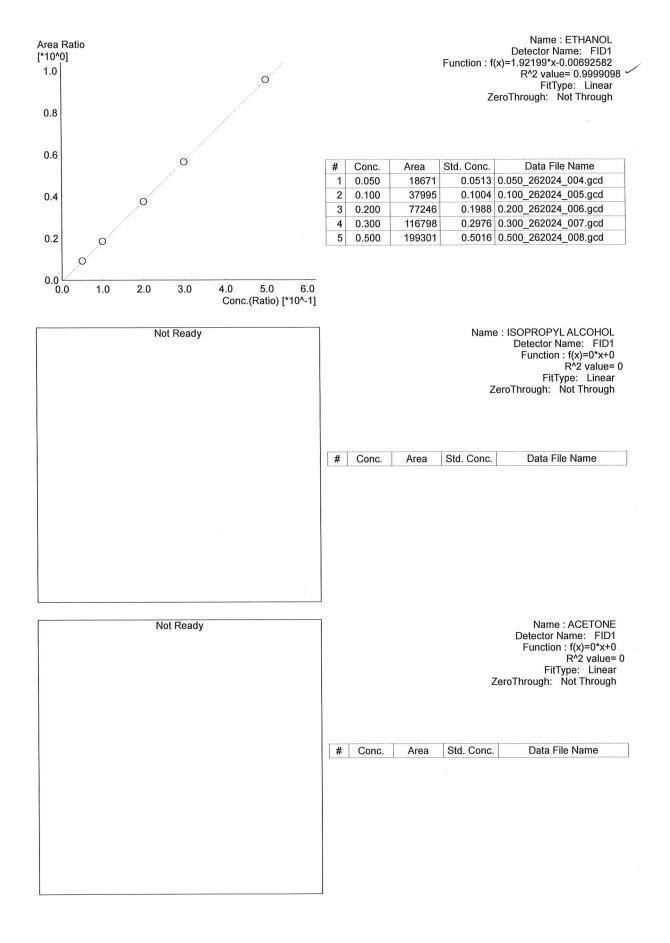
	Average	(-)20%	(+)20%
Column 1	209822.1	167857.7	251786.5
Column 2	215179.6	172143.7	258215.5

Revision: 5 Issue Date: 07/05/2022 Issuing Authority: Quality Manager

15

	•				
		====== tion Table	====		
	:=========		-====	=====	
Laboratory: Pocatello Instrument Name : G1KG3	333-Instrument1				
< <data file="">> Method File Batch File Date Acquired Date Created Date Modified</data>	:Default Project - ALCOHOL_020624 :Default Project - BATCH_020624_T :2/6/2024 11:12:40 AM :2/6/2024 11:09:11 AM :2/6/2024 11:18:42 AM	4_TS.gcm S.gcb			
	Not Ready			Ze	Name : METHANOL Detector Name: FID1 Function : f(x)=0*x+0 R^2 value= 0 FitType: Linear eroThrough: Not Through
		# Conc.	Area	Std. Conc.	Data File Name
	Not Ready			z	Name : ACETALDEHYDE Detector Name: FID1 Function : f(x)=0*x+0 R^2 value= 0 FitType: Linear eroThrough: Not Through
		# Conc.	Area	Std. Conc.	Data File Name
1		1			

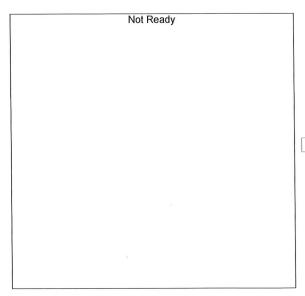






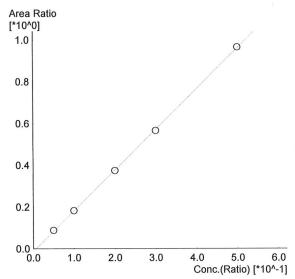
Not Ready	Name: DFE Detector Name: FID1 Function: f(x)=0*x+0 R^2 value= 0 FitType: Linear ZeroThrough: Not Through
	# Conc. Area Std. Conc. Data File Name
Not Ready	Name: TFE Detector Name: FID1 Function: f(x)=0*x+0 R^2 value= 0 FitType: Linear ZeroThrough: Not Through
	# Conc. Area Std. Conc. Data File 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)=1.94996*x-0.0135049
R^2 value= 0.9998463
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	17985	0.0521	0.050_262024_004.gcd
2	0.100	37344	0.1001	0.100_262024_005.gcd
3	0.200	77490	0.1985	0.200_262024_006.gcd
4	0.300	118075	0.2970	0.300_262024_007.gcd
5	0.500	203152	0.5020	0.500_262024_008.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

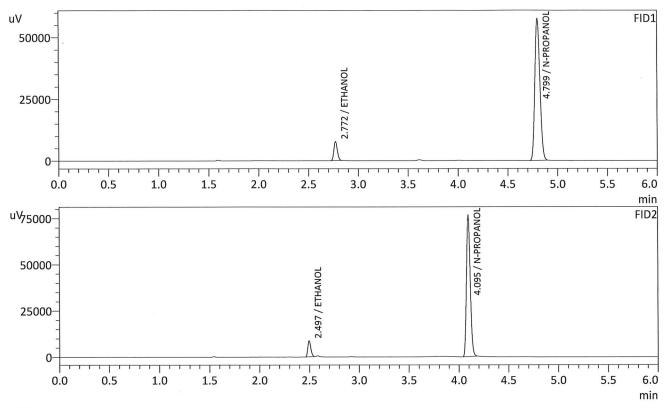
: 0.050

: 1

Sample Name Vial # Data Filename Method Filename Batch Filename

: 0.050_262024_004.gcd : ALCOHOL_020624_TS.gcm : BATCH_020624_TS.gcb

Date Acquired : 2/6/2024 10:34:54 AM
Date Processed : 2/7/2024 7:15:11 AM
Default Project - G1KG333-Instrument1 - ALCOHOL_020624_TS.gcm



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0513	g/100cc	18671	7710
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	203315	57473
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0521	g/100cc	17985	8580
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	204053	76509
DFE		g/100cc		
TFE		g/100cc		



: 0.100

Sample Name Vial # Data Filename

: 2

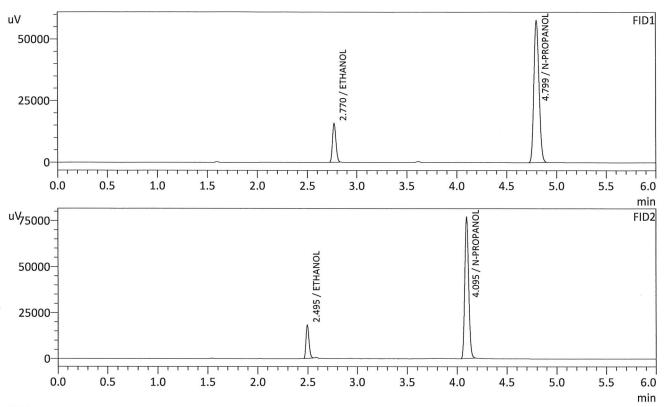
Method Filename Batch Filename

: 0.100_262024_005.gcd : ALCOHOL_020624_TS.gcm : BATCH_020624_TS.gcb

Date Acquired

: 2/6/2024 10:44:29 AM

Date Processed : 2/7/2024 7:15:14 AM
Default Project - G1KG333-Instrument1 - ALCOHOL_020624_TS.gcm



FID1				
Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.1004	g/100cc	37995	15775
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	204110	57568
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.1001	g/100cc	37344	18169
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	205392	76843
DFE		g/100cc		
TFE		g/100cc		

: 0.200

: 3

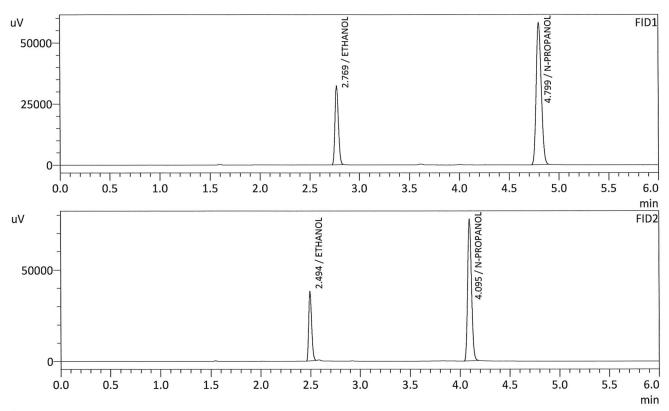
Sample Name Vial # Data Filename Method Filename

: 0.200_262024_006.gcd : ALCOHOL_020624_TS.gcm : BATCH_020624_TS.gcb

Batch Filename Date Acquired Date Processed

: 2/6/2024 10:53:23 AM

: 2/7/2024 7:15:17 AM



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.1988	g/100cc	77246	32175
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	205806	57958
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.1985	g/100cc	77490	37959
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	207389	77433
DFE		g/100cc		
TFE		g/100cc		

: 0.300

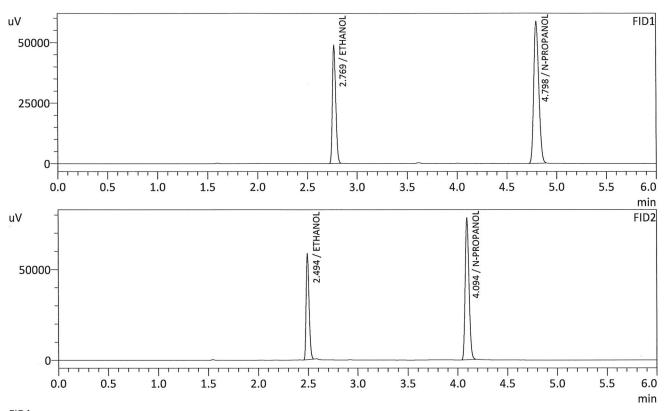
Data Filename Method Filename

: 0.300_262024_007.gcd : ALCOHOL_020624_TS.gcm : BATCH_020624_TS.gcb

Batch Filename Date Acquired

: 2/6/2024 11:03:08 AM : 2/7/2024 7:15:21 AM

Date Processed



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.2976	g/100cc	116798	48544
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	206667	58246
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.2970	g/100cc	118075	57923
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	208699	77954
DFE		g/100cc		
TFE		g/100cc		



: 0.500

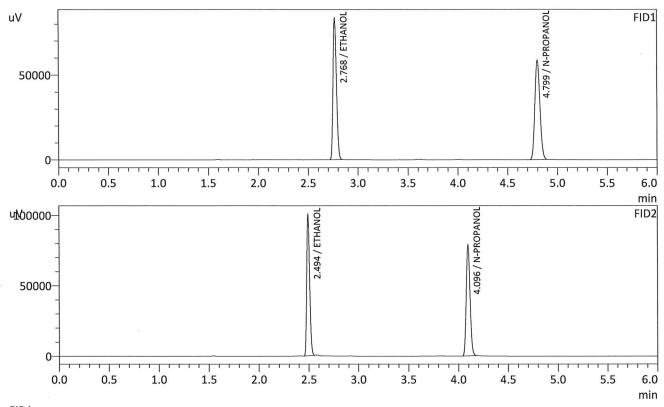
: 5

Data Filename Method Filename

: 0.500_262024_008.gcd : ALCOHOL_020624_TS.gcm : BATCH_020624_TS.gcb : 2/6/2024 11:12:40 AM : 2/7/2024 7:15:24 AM

Batch Filename

Date Acquired Date Processed



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.5016	g/100cc	199301	82897
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	208213	58596
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.5020	g/100cc	203152	99920
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	210397	78758
DFE		g/100cc		
TFE		g/100cc		



Sample Name

: INT STD BLK 1

Vial #

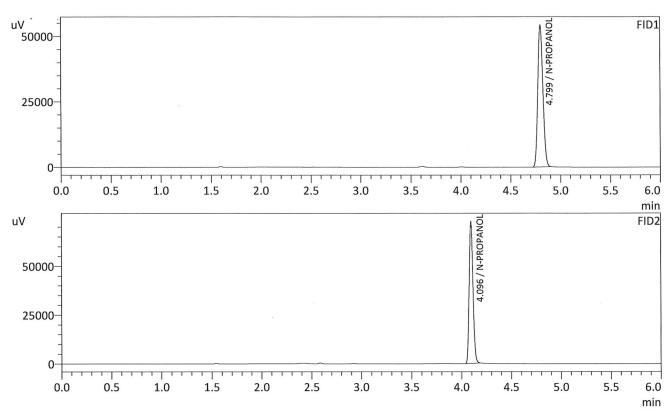
Data Filename Method Filename : INT STD BLK 1_262024_009.gcd

Batch Filename Date Acquired

: ALCOHOL_020624_TS.gcm : BATCH_020624_TS.gcb : 2/6/2024 11:21:58 AM

Date Processed

Date Processed : 2/6/2024 11:28:00 AM
Default Project - G1KG333-Instrument1 - ALCOHOL_020624_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	191640	54136
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	193627	72587
DFE		g/100cc		
TFE		g/100cc		



Sample Name

: MULTI-COMP MIX

Vial # Data Filename Method Filename

: MULTI-COMP MIX_262024_010.gcd

Batch Filename

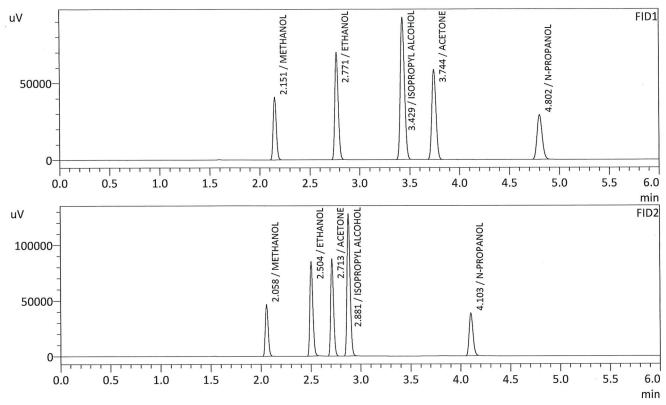
: ALCOHOL_020624_TS.gcm : BATCH_020624_TS.gcb

Date Acquired

: 2/6/2024 11:31:43 AM

Date Processed

: 2/6/2024 11:37:45 AM



Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	89149	40366
ACETALDEHYDE		g/100cc		
ETHANOL	0.8523	g/100cc	167841	69688
ISOPROPYL ALCOHOL	0.0000	g/100cc	262856	92285
ACETONE	0.0000	g/100cc	170543	58398
N-PROPANOL	0.0000	g/100cc	102890	28950
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL	0.0000	g/100cc	93550	45645
ETHANOL	0.8774	g/100cc	173751	84493
ACETONE	0.0000	g/100cc	178681	86724
ISOPROPYL ALCOHOL	0.0000	g/100cc	272465	126538
N-PROPANOL	0.0000	g/100cc	102358	38145
DFE		g/100cc		
TFE		g/100cc		



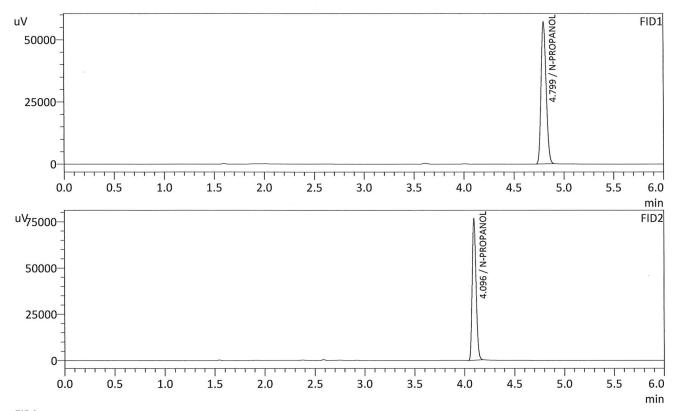
: INT STD BLK 2

Data Filename Method Filename : INT STD BLK 2_262024_011.gcd

Batch Filename

: ALCOHOL_020624_TS.gcm : BATCH_020624_TS.gcb

Date Acquired : 2/6/2024 11:41:13 AM
Date Processed : 2/6/2024 11:47:15 AM
Default Project - G1KG333-Instrument1 - ALCOHOL_020624_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	201544	57113
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	204054	76396
DFE		g/100cc		
TFE		g/100cc		



VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No:	Laboratory No: QC1-1 Analysis Date(s): 2/6/2024 11:50:31 AM(-07:00)								
	Column 1	Column 2	Column	Mean	Sample A-B				
	FID A	FID B	Precision	Value	Difference	Over-all Mean			
Sample Results	0.0834	0.0835	0.0001	0.0834	0.000	0.0005			
(g/100cc)	0.0835	0.0837	0.0002	0.0836	0.0002	0.0835			
Analysis Method	Analysis Method								
Refer to Blood Alcohol Method #1									
Instrument Informati	Instrument Information Instrument information is stored centrally.								
Refer To Instrument	Method:	ALCOHOL_0	20624_TS.gcr	m					
Reporting of Results	6		Uncertaint	ty of Measurer	ments (UM%):	5.00%			
Overall	Mean (g/100c	c)	Low	High	5 9	% of Mean			
	0.083					0.005			
		Rep	ported Res	sults					
			0.083						

Calibration and control data are stored centrally.

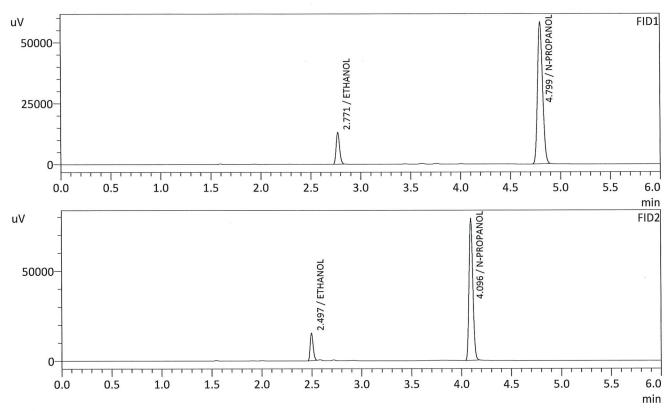


: QC1-1

Data Filename Method Filename : QC1-1_262024_012.gcd : ALCOHOL_020624_TS.gcm : BATCH_020624_TS.gcb

Batch Filename

Date Acquired : 2/6/2024 11:50:31 AM
Date Processed : 2/6/2024 11:56:33 AM
Default Project - G1KG333-Instrument1 - ALCOHOL_020624_TS.gcm



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0834	g/100cc	31599	13052
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	205964	58141
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0835	g/100cc	31479	15077
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	210780	78826
DFE		g/100cc		
TFE		g/100cc		



: QC1-1-B

: 10

Data Filename

: QC1-1-B_262024_013.gcd

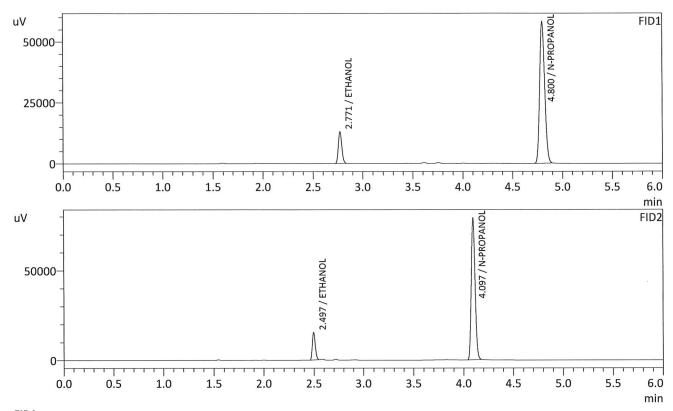
Method Filename : ALCOHOL_020624_TS.gcm

Batch Filename : BATCH_020624_TS.gcb

Date Acquired : 2/6/2024 12:00:16 PM

Date Processed : 2/6/2024 12:06:18 PM

Default Project - G1KG333-Instrument1 - ALCOHOL_020624_TS.gcm



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0835	g/100cc	31629	13033
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc	=-	
N-PROPANOL	0.0000	g/100cc	205889	58186
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0837	g/100cc	31621	15192
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	211104	78772
DFE		g/100cc		
TFE		g/100cc		

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: 0.08 QA Analysis Date(s): 2/6/2024 12:09:48 PM(-07:00)							
	Column 1	Column 2	Column	Mean	Sample A-B		
	FID A	FID B	Precision	Value	Difference	Over-all Mean	
Sample Results	0.0824	0.0828	0.0004	0.0826		0.000	
(g/100cc)	0.0825	0.0828	0.0003	0.0826	0.0000	0.0826	
Analysis Method							
Refer to Blood Alcohol Method #1							
Instrument Information Instrument information is stored centrally.							
Refer To Instrument Method: ALCOHOL_020624_TS.gcm							
Refer To Instrument	Method:	ALCOHOL_0	20624_TS.gcr	n			
Refer To Instrument Reporting of Results		ALCOHOL_0	_ 0		ments (UM%):	5.00%	
Reporting of Results			_ 0			5.00% % of Mean	
Reporting of Results	6		Uncertaint	y of Measurer			
Reporting of Results	s Mean (g/100c	c)	Uncertaint	y of Measurer High 0.087		% of Mean	

Calibration and control data are stored centrally.



Sample Name

: 0.08 QA

Vial #

: 11

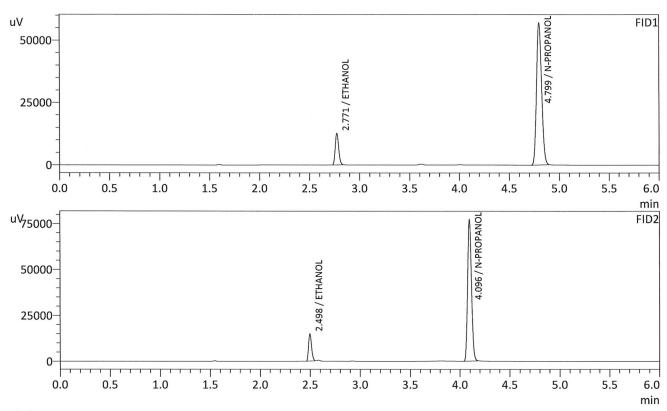
Data Filename

: 0.08 QA _262024_014.gcd : ALCOHOL_020624_TS.gcm : BATCH_020624_TS.gcb

Method Filename Batch Filename

Date Acquired Date Processed

: 2/6/2024 12:09:48 PM : 2/6/2024 12:15:48 PM



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0824	g/100cc	30632	12613
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	202028	56912
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0828	g/100cc	30593	14756
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	206686	76994
DFE		g/100cc		
TFE		g/100cc		

Sample Name

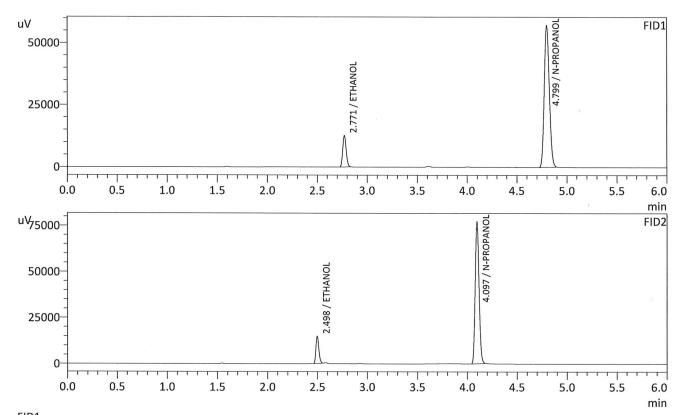
: 0.08 QA - B

: 12

Vial # Data Filename Method Filename Batch Filename

: 0.08 QA - B_262024_015.gcd : ALCOHOL_020624_TS.gcm : BATCH_020624_TS.gcb

Date Acquired Date Processed : 2/6/2024 12:19:05 PM : 2/6/2024 12:25:07 PM



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0825	g/100cc	30697	12634
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	202260	57159
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0828	g/100cc	30600	14781
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	206691	76769
DFE		g/100cc		
TFE		g/100cc		



VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No:	Laboratory No: QC2-1 Analysis Date(s): 2/6/2024 3:20:12 PM(-07:00)						
	Column 1	Column 2	Column	Mean	Sample A-B		
	FID A	FID B	Precision	Value	Difference	Over-all Mean	
Sample Results	0.2134	0.2128	0.0006	0.2131	0.000=	0.0400	
(g/100cc)	0.2128	0.2124	0.0004	0.2126	0.0005	0.2128	
Analysis Method							
Refer to Blood Alco	Refer to Blood Alcohol Method #1						
Instrument Information	on			Instrumen	t information is	s stored centrally.	
Refer To Instrument	Method:	ALCOHOL_0	20624_TS.gcr	n			
Reporting of Results	3		Uncertaint	y of Measurer	ments (UM%):	5.00%	
Overall	Mean (g/100c	c)	Low	High	5 % of Mean		
	0.212			0.223	0.011		
		Rep	oorted Res	sults			
			0.212				

Calibration and control data are stored centrally.

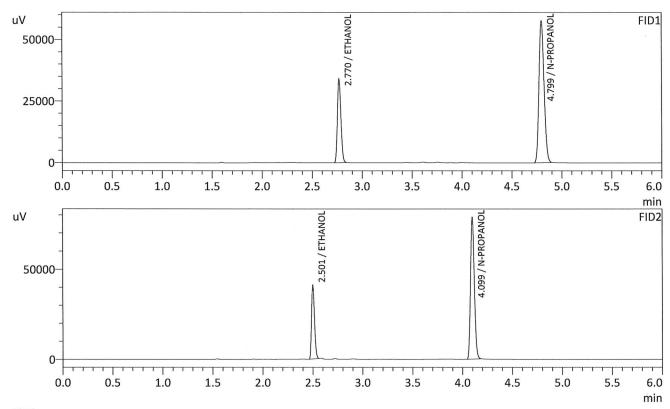


: QC2-1

: 31

Data Filename Method Filename

: QC2-1_262024_034.gcd : ALCOHOL 020624 TS.gcm



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.2134	g/100cc	82429	34031
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	204405	57559
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.2128	g/100cc	84166	40788
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	209580	78344
DFE		g/100cc		
TFE		g/100cc		



Sample Name

: QC2-1-B

Vial #

: 32

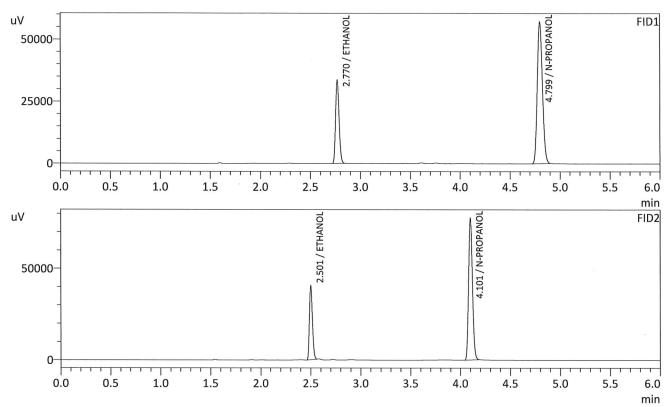
Data Filename Method Filename Batch Filename

: QC2-1-B_262024_035.gcd : ALCOHOL_020624_TS.gcm : BATCH_020624_TS.gcb : 2/6/2024 3:29:45 PM

Date Acquired

: 2/6/2024 3:35:47 PM

Date Processed



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.2128	g/100cc	81375	33589
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	202294	57090
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.2124	g/100cc	83086	40110
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	207298	77486
DFE		g/100cc		
TFE		g/100cc		

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC1-2 Analysis Date(s): 2/6/2024 6:49:40 PM(-07:00)						40 PM(-07:00)
	Column 1	Column 2	Column	Mean	Sample A-B	
	FID A	FID B	Precision	Value	Difference	Over-all Mean
Sample Results	0.0900	0.0900	0.0000	0.0900		0.0004
(g/100cc)	0.0902	0.0903	0.0001	0.0902	0.0002	0.0901
Analysis Method						
Refer to Blood Alcohol Method #1						
Instrument Information Instrumen					t information is	s stored centrally.
Refer To Instrument	Method:	ALCOHOL_0	20624_TS.gcr	n		
Reporting of Results	6		Uncertaint	y of Measurer	ments (UM%):	5.00%
Overall	Mean (g/100c	c)	Low	High	5 %	% of Mean
	0.085	0.095	0.005			
		Rep	orted Res	sults		enest fat Kill Edd Falls Alexander (in
					1	

Calibration and control data are stored centrally.



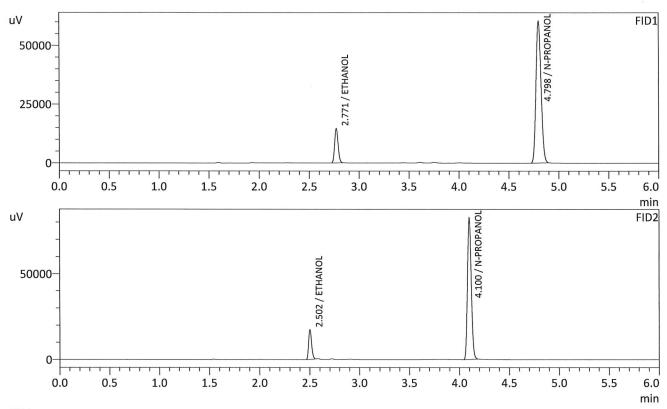
: QC1-2

: 53

Data Filename

: QC1-2_262024_056.gcd

Method Filename : ALCOHOL_020624_TS.gcm
Batch Filename : BATCH_020624_TS.gcb
Date Acquired : 2/6/2024 6:49:40 PM
Date Processed : 2/6/2024 6:55:41 PM
Default Project - G1KG333-Instrument1 - ALCOHOL_020624_TS.gcm



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0900	g/100cc	35594	14632
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	214131	60258
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0900	g/100cc	35678	17076
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	220214	82565
DFE		g/100cc		
TFE		g/100cc		



Sample Name : QC1-2-B Vial # : 54

 Vial #
 : 54

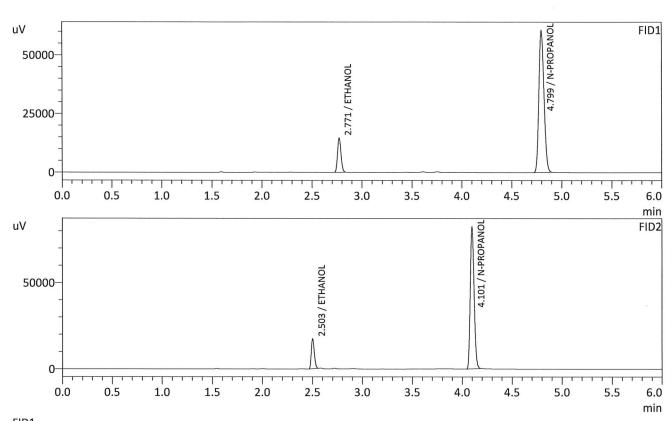
 Data Filename
 : QC1-2-B_262024_057.gcd

 Method Filename
 : ALCOHOL_020624_TS.gcm

 Batch Filename
 : BATCH_020624_TS.gcb

 Date Acquired
 : 2/6/2024 6:58:57 PM

 Date Processed
 : 2/6/2024 7:04:59 PM



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0902	g/100cc	35672	14643
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	214157	60496
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0903	g/100cc	35775	17234
ACETONE		g/100cc	'	
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	219996	82280
DFE		g/100cc		
TFE		g/100cc		



VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No:	QC2-2		Ana	alysis Date(s):	2/6/2024 8:05:	54 PM(-07:00)			
	Column 1	Column 2	Column	Mean	Sample A-B				
	FID A	FID B	Precision	Value	Difference	Over-all Mean			
Sample Results	0.2196	0.2189	0.0007	0.2192					
(g/100cc)	0.2191	0.2181	0.0010	0.2186	0.0006	0.2189			
Analysis Method									
Refer to Blood Alco	Refer to Blood Alcohol Method #1								
Instrument Informati	Instrument Information Instrument information is stored centrally.								
Refer To Instrument	Method:	ALCOHOL_0	20624_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			
	0.207	0.229	0.011						
		Rep	oorted Res	sults					
			0.218						

Calibration and control data are stored centrally.

: QC2-2

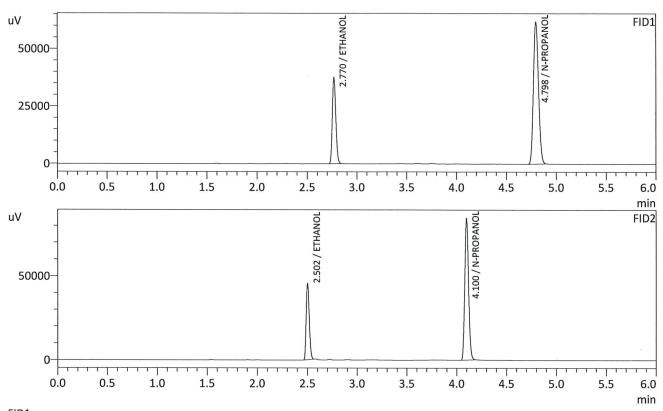
: 61

Data Filename Method Filename : QC2-2_262024_064.gcd

Batch Filename Date Acquired

: ALCOHOL_020624_TS.gcm : BATCH_020624_TS.gcb : 2/6/2024 8:05:54 PM

Date Processed : 2/6/2024 8:11:56 PM
Default Project - G1KG333-Instrument1 - ALCOHOL_020624_TS.gcm



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.2196	g/100cc	90972	37538
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	219037	61612
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.2189	g/100cc	93082	44709
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	225093	84375
DFE		g/100cc		
TFE		g/100cc		



: QC2-2-B

: 62

 Vial #
 : 62

 Data Filename
 : QC2-2-B_262024_065.gcd

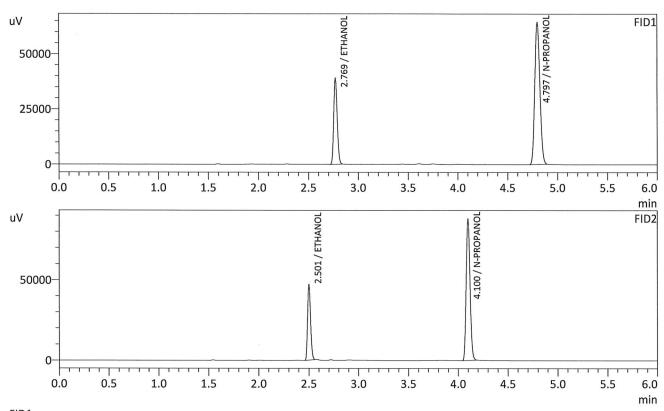
 Method Filename
 : ALCOHOL_020624_TS.gcm

 Batch Filename
 : BATCH_020624_TS.gcb

 Date Acquired
 : 2/6/2024 8:15:18 PM

 Date Processed
 : 2/6/2024 8:21:20 PM

 Default Project - G1KG333-Instrument1 - ALCOHOL_020624_TS.gcm



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.2191	g/100cc	94468	38909
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	228056	64237
DFE		g/100cc		
TFE		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.2181	g/100cc	96527	46661
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	234354	87875
DFE		g/100cc		
TFE		g/100cc		

: INT STD BLK 3

: 63

Data Filename

: INT STD BLK 3_262024_066.gcd

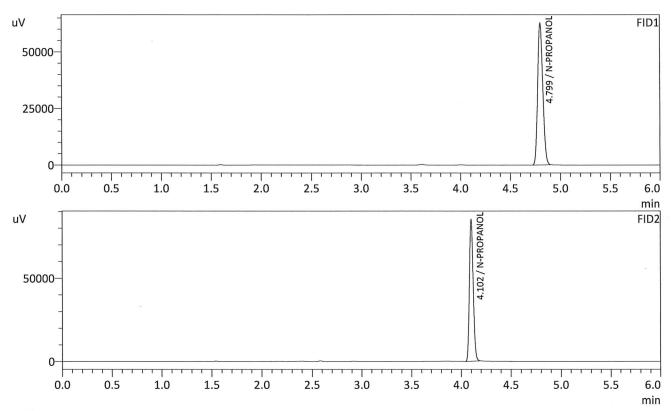
Method Filename Batch Filename

: ALCOHOL_020624_TS.gcm : BATCH_020624_TS.gcb

Date Acquired

: 2/6/2024 8:24:35 PM

Date Processed : 2/6/2024 8:30:36 PM
Default Project - G1KG333-Instrument1 - ALCOHOL_020624_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	221456	62662
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	226805	84607
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.

al#	Sample Name	Sample Type	Method File	Data File	Level
	INT STD BLK 4_PRE	The same of the sa		NT STD BLK 4_PRERUN_262024_001.gcd	
83	INT STD BLK 5_PRE	0:Unknown	ALCOHOL_020624_TS.gcm	NT STD BLK 5_PRERUN_262024_002.gcd	
84	INT STD BLK 6_PRE	0:Unknown	ALCOHOL_020624_TS.gcm	NT STD BLK 6_PRERUN_262024_003.gcd	
1	0.050	1:Standard:(I)	ALCOHOL_020624_TS.gcm	1-1963 - 0.050_262024_004.gcd	
2	0.100	1:Standard:(R)	ALCOHOL_020624_TS.gcm	1-1964 - 0.100_262024_005.gcd	
3	0.200	1:Standard:(R)	ALCOHOL_020624_TS.gcm	1-1965 - 0.200_262024_006.gcd	
4	0.300	1:Standard:(R)	ALCOHOL_020624_TS.gcm	1-1966 - 0.300_262024_007.gcd	
5	0.500	1:Standard:(R)	ALCOHOL 020624_TS.gcm	1-1967 - 0.500 262024_008.gcd	
6	INT STD BLK 1	0:Unknown	ALCOHOL_020624_TS.gcm	1-1968 - INT STD BLK 1 262024 009.gcd	
7	MULTI-COMP MIX	0:Unknown		1969 - MULTI-COMP MIX 262024 010.gcd	
8	INT STD BLK 2	0:Unknown	ALCOHOL_020624_TS.gcm	1-1970 - INT STD BLK 2_262024_011.gcd	
	QC1-1	0:Unknown	ALCOHOL 020624 TS.gcm	1-1971 - QC1-1_262024_012.gcd	
	QC1-1-B	0:Unknown	ALCOHOL_020624_TS.gcm	1-1972 - QC1-1-B_262024_013.gcd	
	0.08 QA	0:Unknown	ALCOHOL_020624_TS.gcm	1-1973 - 0.08 QA _262024_014.gcd	
	0.08 QA - B	0:Unknown	ALCOHOL_020624_TS.gcm	1-1974 - 0.08 QA - B_262024_015.gcd	-
	P2024-0350-1	0:Unknown	ALCOHOL_020624_To.gcm	1-1975 - P2024-0350-1 262024 016.gcd	
_					
	P2024-0350-1-B	0:Unknown		1-1976 - P2024-0350-1-B_262024_017.gcd	
	P2024-0350-2	0:Unknown	ALCOHOL_020624_TS.gcm	1-1977 - P2024-0350-2_262024_018.gcd	
	P2024-0350-2-B	0:Unknown		1-1978 - P2024-0350-2-B_262024_019.gcd	
	P2024-0350-3	0:Unknown	ALCOHOL_020624_TS.gcm	1-1979 - P2024-0350-3_262024_020.gcd	
	P2024-0350-3-B	0:Unknown		1-1980 - P2024-0350-3-B_262024_021.gcd	
19	P2024-0350-4	0:Unknown	ALCOHOL_020624_TS.gcm	1-1981 - P2024-0350-4_262024_022.gcd	
20	P2024-0350-4-B	0:Unknown		1-1982 - P2024-0350-4-B_262024_023.gcd	
21	M2024-0215-1	0:Unknown	ALCOHOL_020624_TS.gcm	1-1983 - M2024-0215-1_262024_024.gcd	
22	M2024-0215-1-B	0:Unknown	ALCOHOL_020624_TS.gcm	1-1984 - M2024-0215-1-B_262024_025.gcd	
23	P2024-0138-1	0:Unknown	ALCOHOL_020624_TS.gcm	1-1985 - P2024-0138-1_262024_026.gcd	
24	P2024-0138-1-B	0:Unknown	ALCOHOL_020624_TS.gcm	1-1986 - P2024-0138-1-B_262024_027.gcd	
25	P2024-0141-1	0:Unknown	ALCOHOL_020624_TS.gcm	1-1987 - P2024-0141-1_262024_028.gcd	
26	P2024-0141-1-B	0:Unknown	ALCOHOL_020624_TS.gcm	1-1988 - P2024-0141-1-B_262024_029.gcd	
27	P2024-0142-1	0:Unknown	ALCOHOL_020624_TS.gcm	1-1989 - P2024-0142-1_262024_030.gcd	
28	P2024-0142-1-B	0:Unknown	ALCOHOL 020624 TS.gcm	1-1990 - P2024-0142-1-B_262024_031.gcd	
29	P2024-0156-1	0:Unknown	ALCOHOL_020624_TS.gcm	1-1991 - P2024-0156-1_262024_032.gcd	
	P2024-0156-1-B	0:Unknown		1-1992 - P2024-0156-1-B_262024_033.gcd	
	QC2-1	0:Unknown	ALCOHOL_020624_TS.gcm	1-1993 - QC2-1_262024_034.gcd	-
	QC2-1-B	0:Unknown	ALCOHOL_020624_TS.gcm	1-1994 - QC2-1-B_262024_035.gcd	
	P2024-0157-1	0:Unknown	ALCOHOL_020624_TS.gcm	1-1995 - P2024-0157-1_262024_036.gcd	
	P2024-0157-1-B	0:Unknown		1-1996 - P2024-0157-1-B_262024_037.gcd	-
	P2024-0170-1	0:Unknown		1-1997 - P2024-0170-1 262024 038.gcd	_
	P2024-0170-1-B	0:Unknown	ALCOHOL_020624_TS.gcm	1-1998 - P2024-0170-1-B 262024 039.gcd	
	P2024-0170-1-B			1-1999 - P2024-0170-1-B_202024_039.gcd	-
		0:Unknown	ALCOHOL_020624_TS.gcm		-
	P2024-0175-1-B	0:Unknown		1-2000 - P2024-0175-1-B_262024_041.gcd	-
	P2024-0184-1	0:Unknown	ALCOHOL_020624_TS.gcm	1-2001 - P2024-0184-1_262024_042.gcd	
	P2024-0184-1-B	0:Unknown		1-2002 - P2024-0184-1-B_262024_043.gcd	_
	P2024-0193-1	0:Unknown	ALCOHOL_020624_TS.gcm	1-2003 - P2024-0193-1_262024_044.gcd	+
_	P2024-0193-1-B	0:Unknown		1-2004 - P2024-0193-1-B_262024_045.gcd	+
	P2024-0195-1	0:Unknown	ALCOHOL_020624_TS.gcm	1-2005 - P2024-0195-1_262024_046.gcd	-
44	P2024-0195-1-B	0:Unknown	ALCOHOL_020624_TS.gcm	1-2006 - P2024-0195-1-B_262024_047.gcd	
45	P2024-0198-1	0:Unknown	ALCOHOL_020624_TS.gcm	1-2007 - P2024-0198-1_262024_048.gcd	
46	P2024-0198-1-B	0:Unknown	ALCOHOL_020624_TS.gcm	1-2008 - P2024-0198-1-B_262024_049.gcd	
47	P2024-0247-1	0:Unknown	ALCOHOL_020624_TS.gcm	1-2009 - P2024-0247-1_262024_050.gcd	
48	P2024-0247-1-B	0:Unknown	ALCOHOL_020624_TS.gcm	1-2010 - P2024-0247-1-B_262024_051.gcd	
49	P2024-0250-1	0:Unknown	ALCOHOL_020624_TS.gcm	1-2011 - P2024-0250-1_262024_052.gcd	
50	P2024-0250-1-B	0:Unknown	ALCOHOL_020624_TS.gcm	1-2012 - P2024-0250-1-B_262024_053.gcd	
	P2024-0255-1	0:Unknown	ALCOHOL_020624_TS.gcm	1-2013 - P2024-0255-1_262024_054.gcd	
	P2024-0255-1-B	0:Unknown	ALCOHOL_020624 TS.gcm		-
	QC1-2	0:Unknown	ALCOHOL_020624_TS.gcm	1-2015 - QC1-2_262024_056.gcd	_
	QC1-2-B	0:Unknown	ALCOHOL_020624_TS.gcm	1-2016 - QC1-2-B_262024_057.gcd	
	P2024-0257-1	0:Unknown	ALCOHOL_020624_TS.gcm		-

,	
0	
	1
	1
	10

Vial#	Sample Name	Sample Type	Method File	Data File	Level#
56	P2024-0257-1-B	0:Unknown	ALCOHOL_020624_TS.gcm	1-2018 - P2024-0257-1-B_262024_059.gcd	0
57	P2024-0258-1	0:Unknown	ALCOHOL_020624_TS.gcm	1-2019 - P2024-0258-1_262024_060.gcd	0
58	P2024-0258-1-B	0:Unknown	ALCOHOL_020624_TS.gcm	1-2020 - P2024-0258-1-B_262024_061.gcd	0
59	P2024-0259-1	0:Unknown	ALCOHOL_020624_TS.gcm	1-2021 - P2024-0259-1_262024_062.gcd	0
60	P2024-0259-1-B	0:Unknown	ALCOHOL_020624_TS.gcm	1-2022 - P2024-0259-1-B_262024_063.gcd	0
61	QC2-2	0:Unknown	ALCOHOL_020624_TS.gcm	1-2023 - QC2-2_262024_064.gcd	0
62	QC2-2-B	0:Unknown	ALCOHOL_020624_TS.gcm	1-2024 - QC2-2-B_262024_065.gcd	0
63	INT STD BLK 3	0:Unknown	ALCOHOL_020624_TS.gcm	1-2025 - INT STD BLK 3 262024 066.gcd	0