

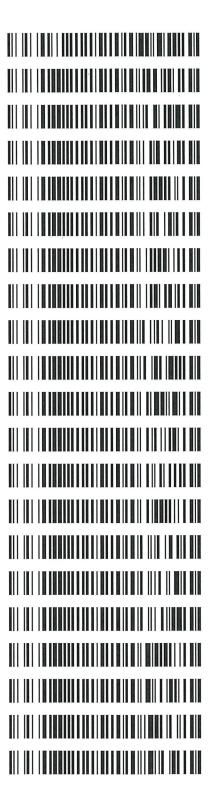
REVIEWED

By Galina Giso at 3:00 pm, Oct 15, 2024

10/15/2024

Worklist: 6951

	TTOTALIOU OU	0.		
	LAB CASE	<u>ITEM</u>	ITEM TYPE	DESCRIPTION
	C2024-1668	4	BCK	Alcohol Analysis
	P2024-3029	1	ВСК	Alcohol Analysis
	P2024-3036	1	ВСК	Alcohol Analysis
*	P2024-3043	1	ВСК	Alcohol Analysis
	P2024-3044	1	ВСК	Alcohol Analysis
	P2024-3050	1	вск	Alcohol Analysis
	P2024-3055	1	ВСК	Alcohol Analysis
	P2024-3056	1	вск	Alcohol Analysis
	P2024-3080	1	ВСК	Alcohol Analysis
	P2024-3094	1	вск	Alcohol Analysis
	P2024-3097	1	вск	Alcohol Analysis
	P2024-3099	1	BCK	Alcohol Analysis
	P2024-3100	1	BCK	Alcohol Analysis
	P2024-3101	1	UCK	Alcohol Analysis
	P2024-3136	1	вск	Alcohol Analysis
	P2024-3137	1	вск	Alcohol Analysis
	P2024-3138	1	вск	Alcohol Analysis
	P2024-3142	1	вск	Alcohol Analysis
	P2024-3144	1	вск	Alcohol Analysis
	P2024-3157	1	BCK	Alcohol Analysis
	P2024-3158	1	вск	Alcohol Analysis







Worklist: 6951

LAB CASE	<u>ITEM</u>	ITEM TYPE	DESCRIPTION
P2024-3161	1	вск	Alcohol Analysis
P2024-3162	1	BCK	Alcohol Analysis



Revision: 5

1

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number:

ML600GB9897

10/10/24 Calibration Date: (if different) Run Date(s): Volatiles Quality Assurance Controls

g/100cc g/100cc g/100cc g/100cc 0.0822 g/100cc 0.0876 g/100cc Overall Results 0.99987 0.2080 0.2125 6951 Column2 Acceptable Range FN06041902 - OK 0.1827-0.2233 0.0789-0.0964 Worklist #: 0.99992 Lot# Target Value 0.2030 0.0877 Column 1 2024 October 2209047 2110181 Lot# Exp: Expiration Curve Fit: Oct-26 Mar-26 Multi-Component mixture: Control level Level 1 Level 2

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Column 1 Column 2 Precision	Mean
50	0.050	0.045 - 0.055	0.0513	0.0518	0.0518 0.0005	0.0515
100	0.100	0.090 - 0.110	0.1005	0.1005	0	0.1005
200	0.200	0.180 - 0.220	0.1983	0.1979	0.1979 0.0004	0.1981
300	0.300	0.270 - 0.330	0.2983	0.2978	0.2978 0.0005	0.298
400	0.400	0.360 - 0.440	1	1	########	#DIV/0!
500	0.500	0.450 - 0.550	0.5013	0.5018	0.5013 0.5018 0.0005 0.5015	0.5015

Aqueous Controls

	tay and company			
Control level	Target Value	Acceptable Range	Overall Result	lts
08	0.080	0.076 - 0.084	0.081 g/10	g/100cc

Issuing Authority: Quality Manager

Revision: 5 Issue Date: 07/05/2022

Issuing Authority: Quality Manager

Internal Standard Monitoring Worksheet

10/10/24	
Run Date(s):	
6951	
Worklist #:	

dard Solution: Prep Date: 10/9/2024 Exp Date: 4

Column 2 Value	202797	203799	205640	205171	202503	201394			202183	198574	192134	210717		
Column 1 Value	204396	205187	207117	206590	204119	203039			203504	200079	193692	212015		
Sample Name	0.080	0.080	QC1	QC1	QC1	QC1	QC1	QC1	QC2	QC2	QC2	QC2	QC2	QC2

	Average	(-)20%	(+)20%
Column 1	203973.8	163179.0	244768.6
Column 2	202491.2	161993.0	242989.4

Calibration Table



Laboratory: Pocatello Instrument Name :: GC SN- C12255850662 / HS SN- C12595700014

<<Data File>> Method File Batch File Date Acquired Date Created Date Modified

:Default Project - ALCOHOL_101024_TS.gcm :Default Project - BATCH_101024_TS.gcb :10/10/2024 11:46:44 AM :10/10/2024 11:43:15 AM :10/15/2024 7:30:23 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

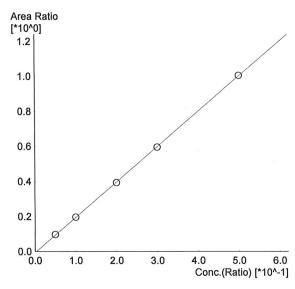
Not Ready

Name: ACETALDEHYDE Detector Name: FID1 Function: f(x)=0*x+0R^2 value= 0
FitType: Linear

ZeroThrough: Not Through

Data File Name Std. Conc. Conc. Area





Name: ETHANOL
Detector Name: FID1
Function: f(x)=2.01447*x-0.00672411
R^2 value= 0.9999284
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	19762	0.0513	0.050_10102024_001.gcd
2	0.100	40316	0.1005	0.100_10102024_002.gcd
3	0.200	81764	0.1983	0.200_10102024_003.gcd
4	0.300	123542	0.2983	0.300_10102024_004.gcd
5	0.500	208797	0.5013	0.500_10102024_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



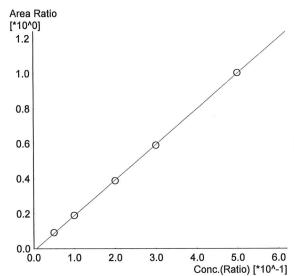
Not Ready	Name : DFE/TFE Detector Name: FID1 Function : f(x)=0*x+0 R^2 value= 0 FitType: Linear ZeroThrough: Not Through
	# Conc. Area Std. Conc. Data File Name
•	*
	÷
Not Ready	Name : DME Detector Name : FID1 Function : f(x)=0*x+0 R^2 value= 0 FitType: Linear ZeroThrough: Not Through
	7
	# Conc. Area 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)=2.02583*x-0.0127475
R^2 value= 0.9998754
FitType: Linear
ZeroThrough: Not Through

#	Conc.	Area	Std. Conc.	Data File Name
1	0.050	18718	0.0518	0.050_10102024_001.gcd
2	0.100	38999	0.1005	0.100_10102024_002.gcd
3	0.200	80231	0.1979	0.200_10102024_003.gcd
4	0.300	122149	0.2978	0.300_10102024_004.gcd
5	0.500	208201	0.5018	0.500 10102024 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



Name: ISOPROPYL ALCOHOL Not Ready 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 : DFE Detector Name: FID2 Not Ready Function: f(x)=0*x+0R*2 value= 0
FitType: Linear
ZeroThrough: Not Through Data File Name # Conc. Area Std. Conc. Not Ready Name: TFE Detector Name: FID2 Function: f(x)=0*x+0
R*2 value= 0
FitType: Linear
ZeroThrough: Not Through Data File Name Conc. Area Std. Conc.

: 0.050

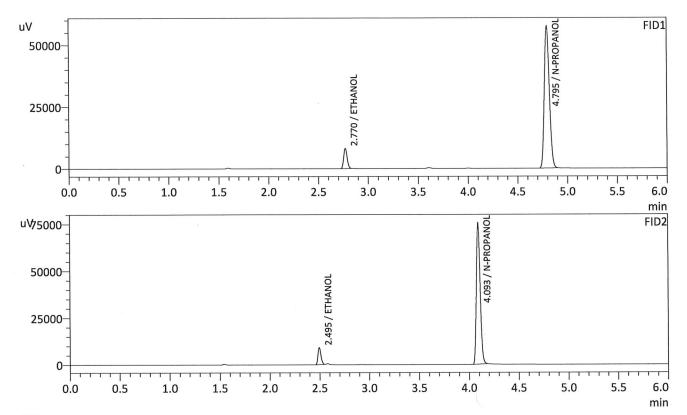
: 1

Data Filename Method Filename **Batch Filename**

: 1 : 0.050_10102024_001.gcd : ALCOHOL_101024_TS.gcm : BATCH_101024_TS.gcb : 10/10/2024 11:08:37 AM : 10/15/2024 7:30:08 AM : GC SN- C12255850662 / HS SN- C12595700014

Date Acquired Date Processed

Instrument



FID1				
Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0513	g/100cc	19762	8170
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	204397	57503
DFE/TFE		g/100cc		
DME		g/100cc		

FID2	C	11!	A	Uninh
Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0518	g/100cc	18718	9038
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	202709	74877
DFE		g/100cc		
TFE		g/100cc		



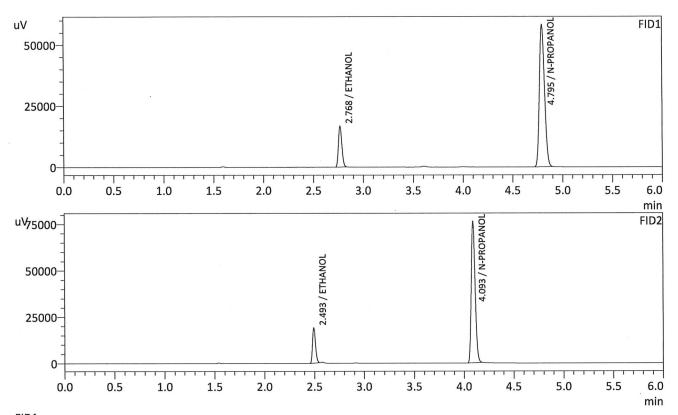
: 0.100

Data Filename Method Filename : 0.100_10102024_002.gcd : ALCOHOL_101024_TS.gcm

Batch Filename **Date Acquired Date Processed**

: BATCH_101024_TS.gcb : 10/10/2024 11:18:07 AM : 10/15/2024 7:30:12 AM

Instrument



-ID1 Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		'
ACETALDEHYDE		g/100cc		
ETHANOL	0.1005	g/100cc	40316	16531
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	205949	58115
DFE/TFE		g/100cc		
DME		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.1005	g/100cc	38999	18864
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	204299	75695
DFE		g/100cc		
TFE		g/100cc		

: 0.200

Data Filename

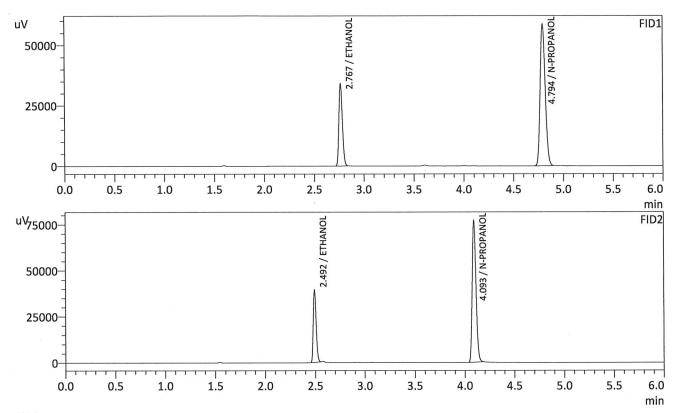
: 3

Method Filename Batch Filename **Date Acquired**

: 0.200_10102024_003.gcd : ALCOHOL_101024_TS.gcm : BATCH_101024_TS.gcb : 10/10/2024_11:27:28 AM

Date Processed Instrument

: 10/15/2024 7:30:16 AM : GC SN- C12255850662 / HS SN- C12595700014



FID1				
Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.1983	g/100cc	81764	33905
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	208080	58550
DFE/TFE		g/100cc		
DME		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.1979	g/100cc	80231	38723
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	206686	76531
DFE		g/100cc		
TFE		g/100cc		



: 0.300

Data Filename

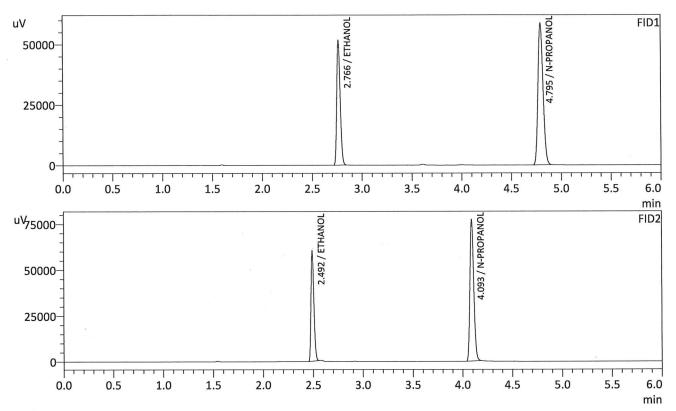
. 4

Method Filename Batch Filename : 0.300_10102024_004.gcd : ALCOHOL_101024_TS.gcm : BATCH_101024_TS.gcb : 10/10/2024_11:37:11 AM

Date Acquired Date Processed

: 10/15/2024 7:30:20 AM

Instrument



FID1				
Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.2983	g/100cc	123542	51492
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	207865	58610
DFE/TFE		g/100cc		
DME		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.2978	g/100cc	122149	59601
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	206784	76651
DFE	7	g/100cc		
TFE		g/100cc		



: 0.500

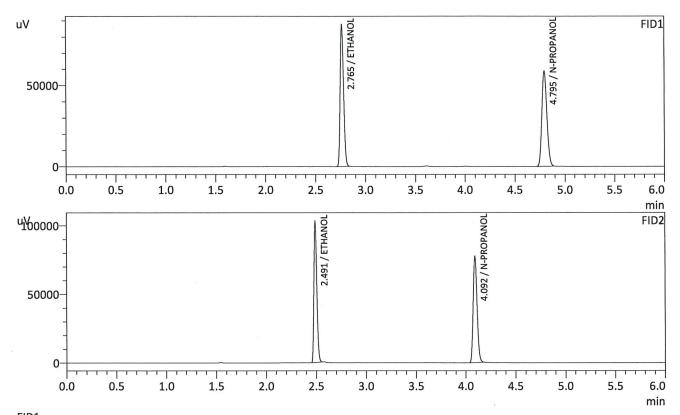
: 5

Data Filename Method Filename Batch Filename

: 0.500_10102024_005.gcd : ALCOHOL_101024_TS.gcm : BATCH_101024_TS.gcb : 10/10/2024 11:46:44 AM : 10/15/2024 7:30:23 AM

Date Acquired Date Processed

Instrument



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.5013	g/100cc	208797	87451
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	208112	58790
DFE/TFE		g/100cc		
DME		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.5018	g/100cc	208201	102530
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	207403	77048
DFE		g/100cc		
TFE		g/100cc		



Sample Name

: INT STD BLK 1

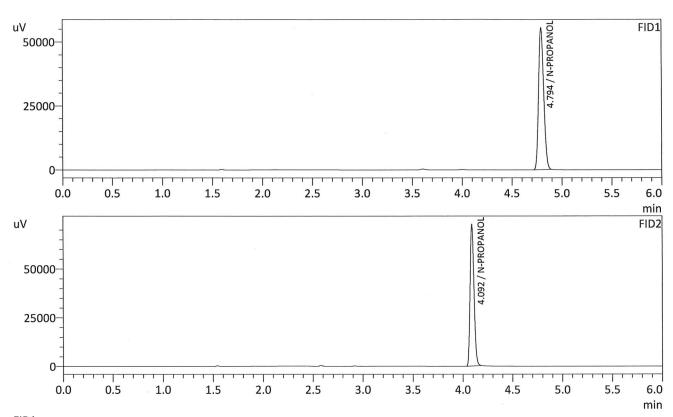
Vial #

Data Filename

: 6 : INT STD BLK 1_10102024_006.gcd

Method Filename Batch Filename Date Acquired Date Processed : ALCOHOL_101024_TS.gcm : BATCH_101024_TS.gcb : 10/10/2024 11:56:03 AM : 10/10/2024 12:02:04 PM

Instrument



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	196427	55450
DFE/TFE		g/100cc		
DME		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	194558	72414
DFE		g/100cc		
TFE		g/100cc		



: MULTI-COMP MIX

Sample Name Vial # Data Filename

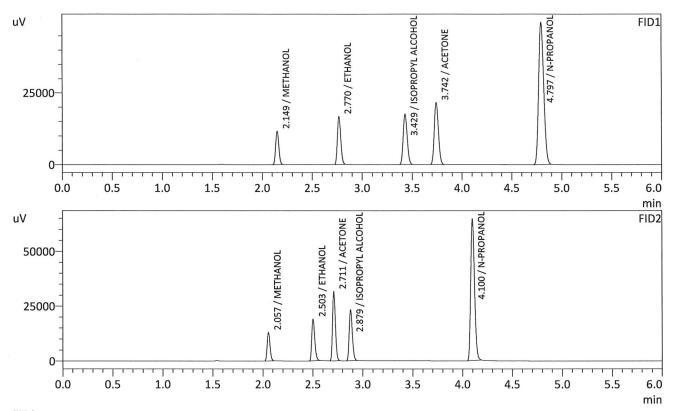
Method Filename

Batch Filename **Date Acquired**

: MULTI-COMP MIX_10102024_007.gcd : ALCOHOL_101024_TS.gcm : BATCH_101024_TS.gcb

: 10/10/2024 12:05:47 PM : 10/10/2024 12:11:49 PM

Date Processed Instrument



Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	25247	11613
ACETALDEHYDE		g/100cc		
ETHANOL	0.1176	g/100cc	40179	16754
ISOPROPYL ALCOHOL	0.0000	g/100cc	49783	17541
ACETONE	0.0000	g/100cc	62671	21541
N-PROPANOL	0.0000	g/100cc	174454	49590
DFE/TFE		g/100cc		
DME		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL	0.0000	g/100cc	25919	12888
ETHANOL	0.1190	g/100cc	39197	18928
ACETONE	0.0000	g/100cc	64545	31341
ISOPROPYL ALCOHOL	0.0000	g/100cc	49913	22856
N-PROPANOL	0.0000	g/100cc	171583	64480
DFE		g/100cc		
TFE		g/100cc		

: INT STD BLK 2

Sample Name Vial # Data Filename

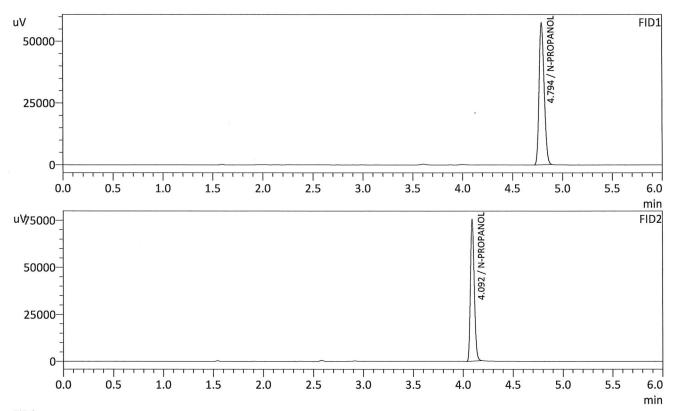
: 8

: INT STD BLK 2_10102024_008.gcd : ALCOHOL_101024_TS.gcm

Method Filename **Batch Filename** Date Acquired **Date Processed**

: BATCH_101024_TS.gcb : 10/10/2024 12:15:19 PM : 10/10/2024 12:21:21 PM

Instrument



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	203180	57342
DFE/TFE		g/100cc		
DME		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	201164	74990
DFE		g/100cc		
TFE		g/100cc		



VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No:	Laboratory No: 0.08 QA Analysis Date(s): 10/10/2024 12:43:53 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	0.0810	0.0812	0.0002	0.0811	0.0001	0.0014	
(g/100cc)	0.0812	0.0812	0.0000	0.0812	0.0001	0.0811	
Analysis Method							
Refer to Blood Alcohol Method #1							
Instrument Informati	on			Instrumen	t information is	s stored centrally.	
Refer To Instrument	Method:	ALCOHOL_1	01024_TS.gcr	m			
Reporting of Results	3		Uncertain	ty of Measurer	ments (UM%):	5.00%	
Overall	Mean (g/100c	c)	Low	High	5 9	% of Mean	
	0.081			0.086		0.005	
	Rep			sults			
			0.081				

Calibration and control data are stored centrally.

: 0.08 QA

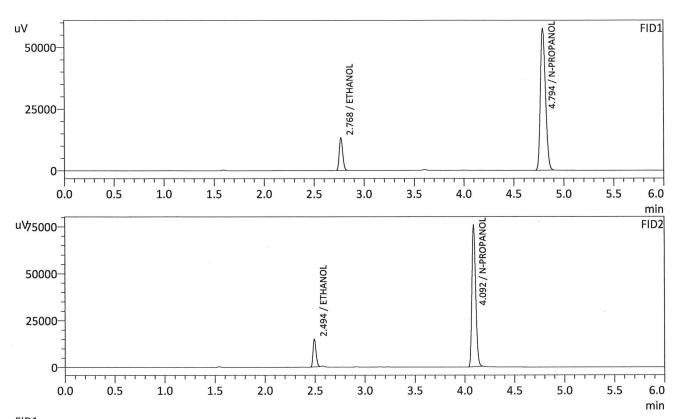
Data Filename Method Filename

 $: 0.08 \; QA \; _10102024 _011.gcd$: ALCOHOL_101024_TS.gcm : BATCH_101024_TS.gcb : 10/10/2024 12:43:53 PM

Batch Filename **Date Acquired Date Processed**

: 10/10/2024 12:49:55 PM

Instrument



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0810	g/100cc	32007	13142
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	204396	57364
DFE/TFE		g/100cc		
DME		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0812	g/100cc	30782	14901
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	202797	75370
DFE		g/100cc		
TFE		g/100cc		



Sample Name

: 0.08 QA - B

Vial #

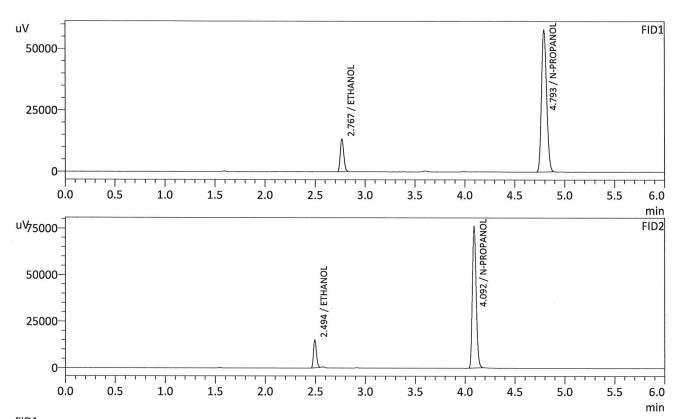
Data Filename

: 12 : 0.08 QA - B_10102024_012.gcd : ALCOHOL_101024_TS.gcm

Method Filename Batch Filename Date Acquired Date Processed

: BATCH_101024_TS.gcb : 10/10/2024 12:53:11 PM : 10/10/2024 12:59:13 PM

Instrument



FID1				
Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0812	g/100cc	32188	13216
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	205187	57679
DFE/TFE		g/100cc		
DME		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0812	g/100cc	30933	14959
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	203799	75912
DFE		g/100cc		
TFE		g/100cc		



VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No:	Laboratory No: QC1-1 Analysis Date(s): 10/10/2024 12:24:37 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	0.0821	0.0822	0.0001	0.0821	0.0003	0.0000
(g/100cc)	0.0825	0.0823	0.0002	0.0824	0.0003	0.0822
Analysis Method						
Refer to Blood Alcohol Method #1						
Instrument Informati	Instrument Information Instrument information is stored centrally.					
Refer To Instrument	Method:	ALCOHOL_1	01024_TS.gcr	m		
Reporting of Results	8		Uncertaint	y of Measurer	ments (UM%):	5.00%
Overall	Mean (g/100c	c)	Low	High	5 9	% of Mean
	0.082			0.087		0.005
	Rep			sults		
			0.082			

Calibration and control data are stored centrally.



Sample Name

: QC1-1

Vial #

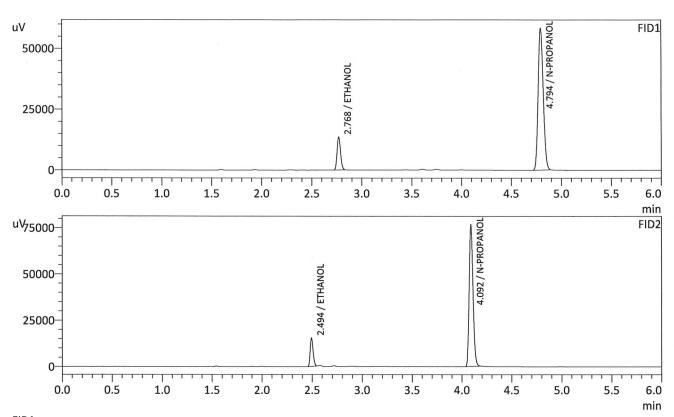
Data Filename Method Filename Batch Filename

: QC1-1_10102024_009.gcd : ALCOHOL_101024_TS.gcm : BATCH_101024_TS.gcb : 10/10/2024 12:24:37 PM

Date Acquired Date Processed

: 10/10/2024 12:30:40 PM

Instrument



<u>FID1</u>				
Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0821	g/100cc	32879	13514
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	207117	58260
DFE/TFE		g/100cc		
DME		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0822	g/100cc	31626	15272
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	205640	76424
DFE		g/100cc		
TFE		g/100cc		



: QC1-1-B

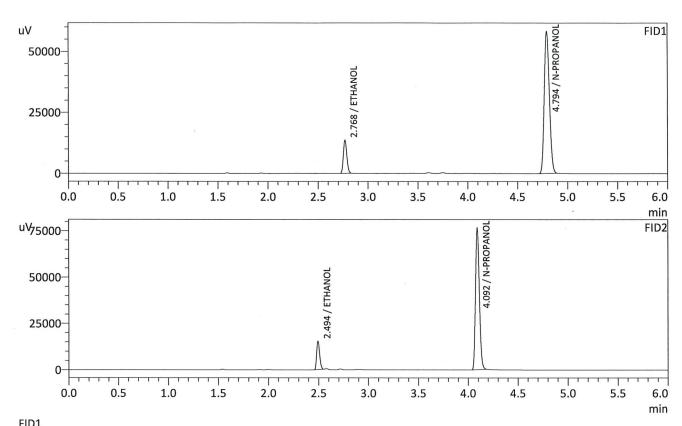
Data Filename Method Filename Batch Filename

: QC1-1-B_10102024_010.gcd : ALCOHOL_101024_TS.gcm : BATCH_101024_TS.gcb

Date Acquired Date Processed

: 10/10/2024 12:34:22 PM : 10/10/2024 12:40:24 PM

Instrument



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0825	g/100cc	32983	13513
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	206590	58118
DFE/TFE		g/100cc		
DME		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0823	g/100cc	31595	15291
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	205171	76131
DFE		g/100cc		
TFE		g/100cc		



VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No:	Laboratory No: QC1-2 Analysis Date(s): 10/10/2024 7:23:44 PM(-06:00)						
	Column 1	Column 2	Column	Mean	Sample A-B		
	FID A	FID B	Precision	Value	Difference	Over-all Mean	
Sample Results	0.0881	0.0875	0.0006	0.0878	0.0004	0.0070	
(g/100cc)	0.0876	0.0872	0.0004	0.0874	0.0004	0.0876	
Analysis Method							
Refer to Blood Alcohol Method #1							
Instrument Informati	on			Instrumen	t information is	s stored centrally.	
Refer To Instrument	Method:	ALCOHOL_1	01024_TS.gcr	n			
Reporting of Results	3		Uncertaint	ty of Measurer	ments (UM%):	5.00%	
Overall	Mean (g/100c	c)	Low	High	5 %	% of Mean	
	0.087		0.082	0.092		0.005	
		Rep	ported Res	sults			
			0.087		0		

Calibration and control data are stored centrally.

15

Sample Name Vial # : QC1-2

Data Filename

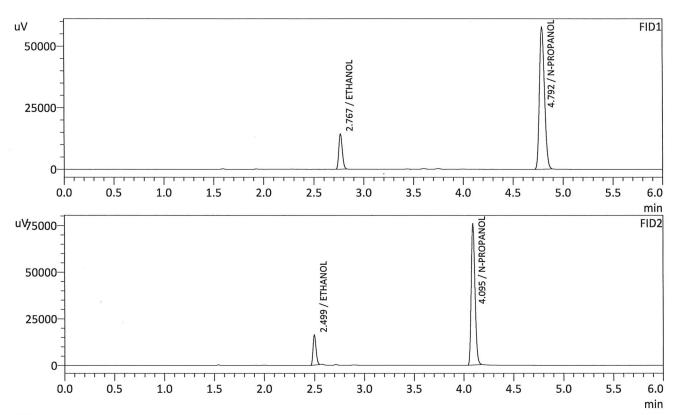
: 53

Method Filename Batch Filename : QC1-2_10102024_053.gcd : ALCOHOL_101024_TS.gcm : BATCH_101024_TS.gcb : 10/10/2024 7:23:44 PM

Date Acquired Date Processed

: 10/10/2024 7:29:46 PM

Instrument



FID1				
Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0881	g/100cc	34855	14223
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	204119	57647
DFE/TFE		g/100cc		
DME		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0875	g/100cc	33316	16112
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	202503	75641
DFE		g/100cc		
TFE		g/100cc		



Sample Name Vial # Data Filename

: QC1-2-B

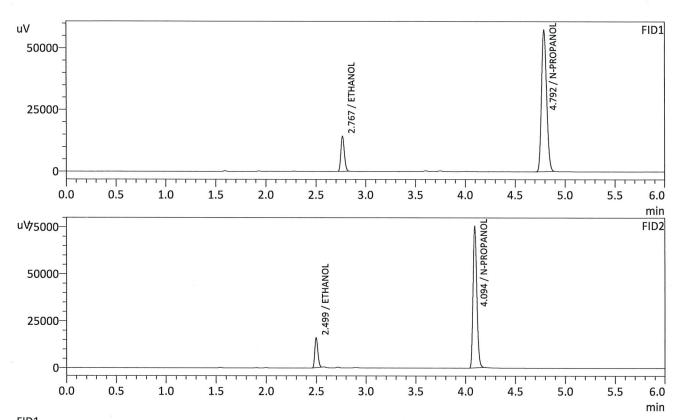
: 54

Method Filename Batch Filename

: QC1-2-B_10102024_054.gcd : ALCOHOL_101024_TS.gcm : BATCH_101024_TS.gcb

Date Acquired **Date Processed** : 10/10/2024 7:33:01 PM : 10/10/2024 7:39:03 PM

Instrument



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0876	g/100cc	34504	14112
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	203039	57390
DFE/TFE		g/100cc		
DME		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0872	g/100cc	33017	15961
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	201394	75195
DFE		g/100cc		
TFE		g/100cc		

VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No: QC2-1 Analysis Date(s): 10/10						4:18 PM(-06:00)		
	Column 1	Column 2	Column	Mean	Sample A-B			
	FID A	FID B	Precision	Value	Difference	Over-all Mean		
Sample Results	0.2081	0.2072	0.0009	0.2076		0.0000		
(g/100cc)	0.2088	0.2079	0.0009	0.2083	0.0007	0.2080		
Analysis Method	Analysis Method							
Refer to Blood Alcohol Method #1								
Instrument Informati	on			Instrumen	t information is	s stored centrally.		
Refer To Instrument	Method:	ALCOHOL_1	01024_TS.gcr	n				
Reporting of Results			Uncertaint	y of Measurer	ments (UM%):	5.00%		
Overall	Mean (g/100c	c)	Low	High	5 9	% of Mean		
0.208			0.197	0.219		0.011		
		Rep	oorted Res	sults				
,		j.	0.208					

Calibration and control data are stored centrally.



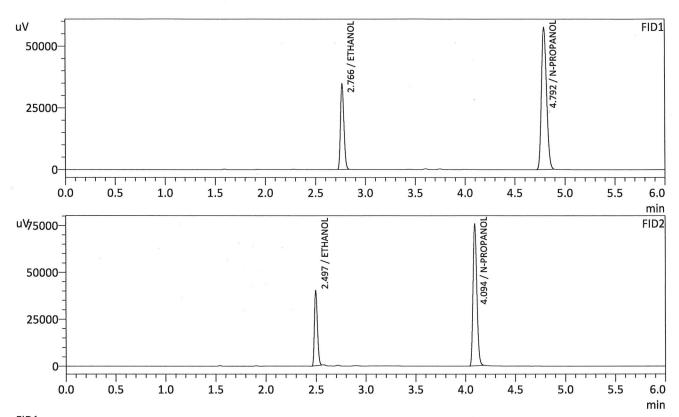
: QC2-1

Data Filename

: 31 : QC2-1_10102024_031.gcd

Method Filename Batch Filename Date Acquired Date Processed : ALCOHOL_101024_TS.gcm : BATCH_101024_TS.gcb : 10/10/2024 3:54:18 PM : 10/10/2024 4:00:21 PM

Instrument



FID1				
Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.2081	g/100cc	83981	34614
SOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	203504	57349
DFE/TFE		g/100cc		
DME		g/100cc		

FID2				
Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.2072	g/100cc	82314	39592
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	202183	75425
DFE		g/100cc		
TFE		g/100cc		

15

Sample Name

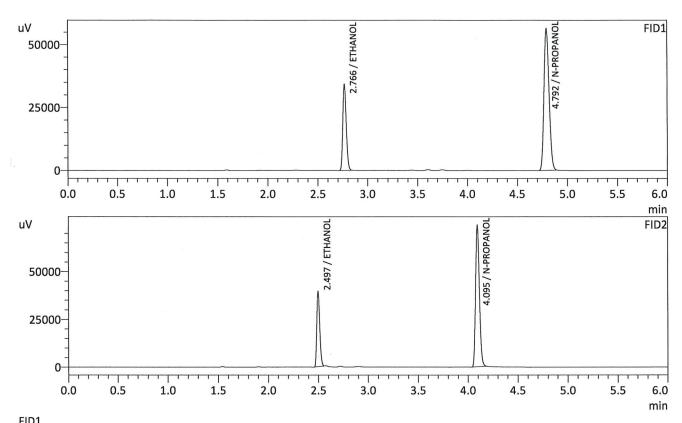
: QC2-1-B

Vial # Data Filename

: 32

Method Filename Batch Filename Date Acquired Date Processed : QC2-1-B_10102024_032.gcd : ALCOHOL_101024_TS.gcm : BATCH_101024_TS.gcb : 10/10/2024 4:03:51 PM : 10/10/2024 4:09:53 PM

Instrument



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc	/	
ACETALDEHYDE		g/100cc		
ETHANOL	0.2088	g/100cc	82819	34173
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	200079	56308
DFE/TFE		g/100cc		
DME		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.2079	g/100cc	81114	38919
ACETONE	'	g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	198574	74103
DFE		g/100cc		
TFE		g/100cc		



VOLATILES DETERMINATION CASEFILE WORKSHEET

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No:	QC2-2		Ana	alysis Date(s):	10/10/2024 8:5	8:40 PM(-06:00)
	Column 1	Column 2	Column	Mean	Sample A-B	
	FID A	FID B	Precision	Value	Difference	Over-all Mean
Sample Results	0.2115	0.2110	0.0005	0.2112	0.0006	0.0105
(g/100cc)	0.2141	0.2136	0.0005	0.2138	0.0026	0.2125
Analysis Method						
Refer to Blood Alco	hol Method #1					
Instrument Informati	on			Instrumen	t information is	s stored centrally.
Refer To Instrument	Method:	ALCOHOL_1	01024_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
	0.212		0.201	0.223		0.011
		Rep	oorted Res	sults		
	¥		0.212			

Calibration and control data are stored centrally.

15

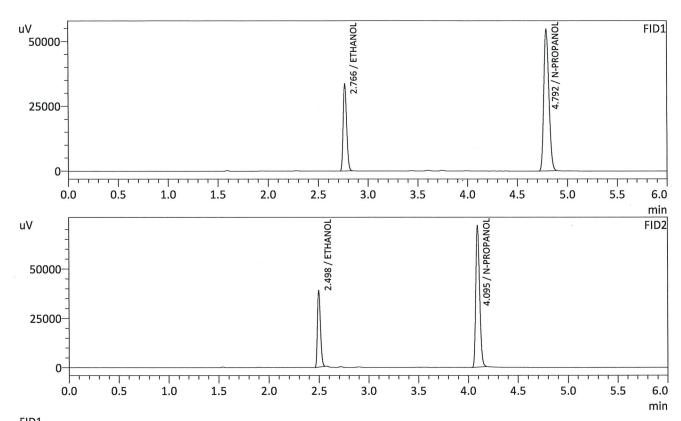
Sample Name

: QC2-2

Vial # Data Filename Method Filename : 63 : QC2-2_10102024_063.gcd : ALCOHOL_101024_TS.gcm

Batch Filename Date Acquired Date Processed : BATCH_101024_TS.gcb : 10/10/2024 8:58:40 PM : 10/10/2024 9:04:42 PM

Instrument



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.2115	g/100cc	81227	33506
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	193692	54668
DFE/TFE		g/100cc		
DME		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.2110	g/100cc	79706	38533
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	192134	71577
DFE		g/100cc		
TFE		g/100cc		



: QC2-2-B

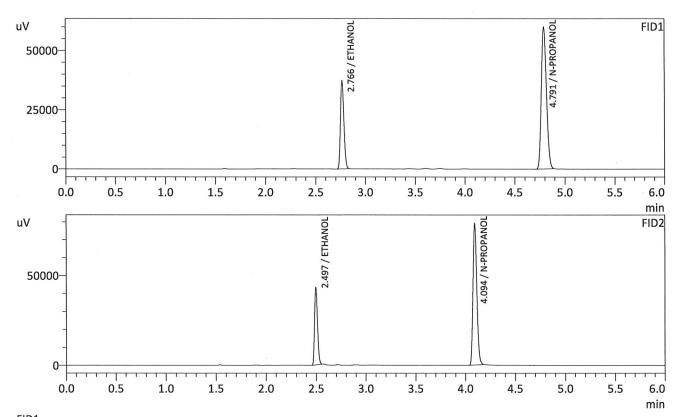
: 64

Data Filename Method Filename : QC2-2-B_10102024_064.gcd : ALCOHOL_101024_TS.gcm : BATCH_101024_TS.gcb

Batch Filename Date Acquired Date Processed

: 10/10/2024 9:08:30 PM : 10/10/2024 9:14:33 PM

Instrument



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.2141	g/100cc	90022	37201
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		==
N-PROPANOL	0.0000	g/100cc	212015	59902
DFE/TFE		g/100cc		
DME		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.2136	g/100cc	88498	42419
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	210717	78695
DFE		g/100cc		
TFE		g/100cc		

: INT STD BLK 3

Data Filename

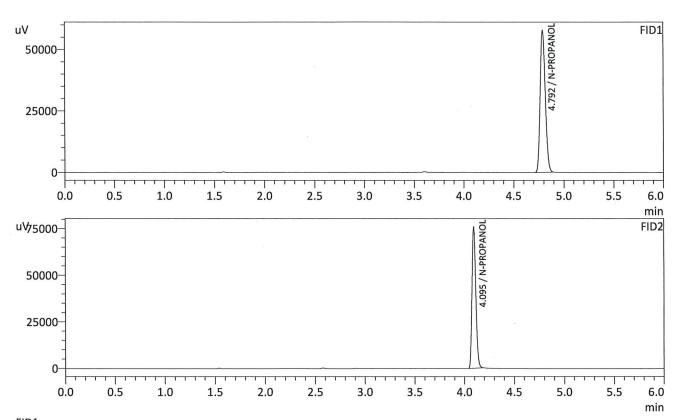
: 65 : INT STD BLK 3_10102024_065.gcd

Method Filename

: ALCOHOL_101024_TS.gcm

Batch Filename Date Acquired Date Processed : BATCH_101024_TS.gcb : 10/10/2024 9:17:55 PM : 10/10/2024 9:23:57 PM

Instrument



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	203913	57712
DFE/TFE		g/100cc		
DME		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	202012	75721
DFE		g/100cc		
TFE		g/100cc		

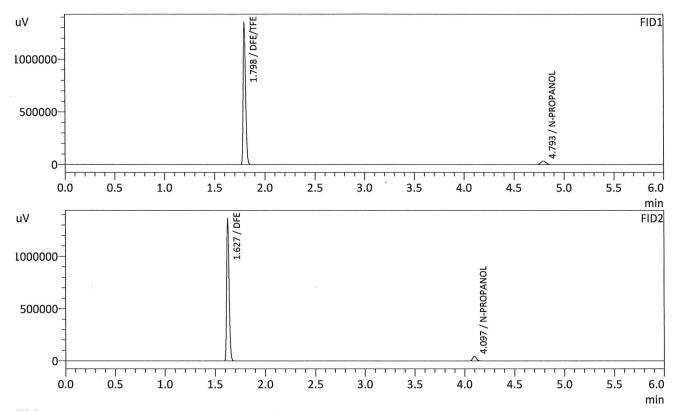


: DFE : 66

Data Filename Method Filename Batch Filename : 06 : DFE_10102024_066.gcd : ALCOHOL_101024_TS.gcm : BATCH_101024_TS.gcb

Date Acquired Date Processed : 10/10/2024 9:27:11 PM : 10/10/2024 9:33:13 PM

Instrument



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	121097	34269
DFE/TFE	0.0000	g/100cc	2241920	1331512
DME		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	118782	44196
DFE	0.0000	g/100cc	2245905	1354070
TFE		g/100cc		



Sample Name

: INT STD BLK 4

Vial #

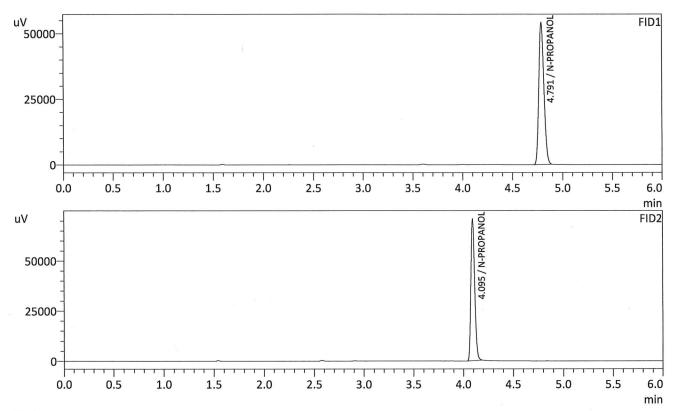
: 67

Data Filename Method Filename : INT STD BLK 4_10102024_067.gcd

Batch Filename
Date Acquired
Date Processed

: ALCOHOL_101024_TS.gcm : BATCH_101024_TS.gcb : 10/10/2024 9:37:01 PM : 10/10/2024 9:43:04 PM

Instrument



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	190988	54130
DFE/TFE		g/100cc		
DME		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	188945	70682
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.

Vial#	Sample Name	Sample Type	Method File	Data File	Level#
	0.050	1:Standard:(R)	ALCOHOL 101024 TS.gcm	1-3301 - 0.050_10102024_001.gcd	1
	0.100	1:Standard:(R)	ALCOHOL_101024_TS.gcm	1-3302 - 0.100_10102024_002.gcd	2
	0.200	1:Standard:(R)	ALCOHOL_101024_TS.gcm	1-3303 - 0.200_10102024_003.gcd	3
	0.300	1:Standard:(R)	ALCOHOL_101024_TS.gcm		4
	0.500	1:Standard:(R)	ALCOHOL_101024_TS.gcm		5
	INT STD BLK 1	0:Unknown		-3306 - INT STD BLK 1_10102024_006.gcd	0
	MULTI-COMP MIX	0:Unknown		07 - MULTI-COMP MIX 10102024 007.gcd	1
	INT STD BLK 2	0:Unknown		-3308 - INT STD BLK 2_10102024_008.gcd	0
	QC1-1		ALCOHOL_101024_TS.gcm		0
	QC1-1-B	0:Unknown		1-3309 - QC1-1_10102024_009.gcd	
		0:Unknown	ALCOHOL_101024_TS.gcm		0
	0.08 QA	0:Unknown	ALCOHOL_101024_TS.gcm		0
	0.08 QA - B	0:Unknown	ALCOHOL_101024_TS.gcm		0
	C2024-1668-4	0:Unknown		1-3313 - C2024-1668-4_10102024_013.gcd	0
	C2024-1668-4-B	0:Unknown		3314 - C2024-1668-4-B_10102024_014.gcd	0
	P2024-3029-1	0:Unknown		1-3315 - P2024-3029-1_10102024_015.gcd	0
	P2024-3029-1-B	0:Unknown		3316 - P2024-3029-1-B_10102024_016.gcd	0
	P2024-3036-1	0:Unknown		1-3317 - P2024-3036-1_10102024_017.gcd	0
	P2024-3036-1-B	0:Unknown		3318 - P2024-3036-1-B_10102024_018.gcd	0
	P2024-3043-1	0:Unknown		1-3319 - P2024-3043-1_10102024_019.gcd	0
	P2024-3043-1-B	0:Unknown		3320 - P2024-3043-1-B_10102024_020.gcd	0
21	P2024-3044-1	0:Unknown	ALCOHOL_101024_TS.gcm	1-3321 - P2024-3044-1_10102024_021.gcd	0
22	P2024-3044-1-B	0:Unknown		3322 - P2024-3044-1-B_10102024_022.gcd	0
23	P2024-3050-1	0:Unknown	ALCOHOL_101024_TS.gcm	1-3323 - P2024-3050-1_10102024_023.gcd	0
24	P2024-3050-1-B	0:Unknown	ALCOHOL_101024_TS.gcm	3324 - P2024-3050-1-B_10102024_024.gcd	0
25	P2024-3055-1	0:Unknown	ALCOHOL_101024_TS.gcm	1-3325 - P2024-3055-1_10102024_025.gcd	0
26	P2024-3055-1-B	0:Unknown	ALCOHOL_101024_TS.gcm	3326 - P2024-3055-1-B_10102024_026.gcd	0
27	P2024-3056-1	0:Unknown	ALCOHOL_101024_TS.gcm	1-3327 - P2024-3056-1_10102024_027.gcd	0
28	P2024-3056-1-B	0:Unknown	ALCOHOL_101024_TS.gcm	3328 - P2024-3056-1-B_10102024_028.gcd	0
29	P2024-3080-1	0:Unknown	ALCOHOL_101024_TS.gcm	1-3329 - P2024-3080-1_10102024_029.gcd	0
30	P2024-3080-1-B	0:Unknown	ALCOHOL_101024_TS.gcm	3330 - P2024-3080-1-B_10102024_030.gcd	0
31	QC2-1	0:Unknown	ALCOHOL_101024_TS.gcm	1-3331 - QC2-1 10102024 031.gcd	0
32	QC2-1-B	0:Unknown	ALCOHOL_101024_TS.gcm		0
33	P2024-3094-1	0:Unknown		1-3333 - P2024-3094-1_10102024_033.gcd	0
	P2024-3094-1-B	0:Unknown		3334 - P2024-3094-1-B_10102024_034.gcd	
	P2024-3097-1	0:Unknown		1-3335 - P2024-3097-1_10102024_035.gcd	
	P2024-3097-1-B	0:Unknown		3336 - P2024-3097-1-B 10102024 036.gcd	
	P2024-3099-1	0:Unknown		1-3337 - P2024-3099-1_10102024_037.gcd	-
	P2024-3099-1-B	0:Unknown		3338 - P2024-3099-1-B_10102024_038.gcd	
	P2024-3100-1	0:Unknown		1-3339 - P2024-3100-1_10102024_039.gcd	
	P2024-3100-1-B	0:Unknown		3340 - P2024-3100-1-B_10102024_040.gcd	
	P2024-3101-1	0:Unknown		1-3341 - P2024-3101-1_10102024_041.gcd	-
	P2024-3101-1-B	0:Unknown		3342 - P2024-3101-1-B_10102024_042.gcd	
	P2024-3101-1-B	0:Unknown		1-3343 - P2024-3136-1_10102024_042.gcd	
	P2024-3136-1-B	0:Unknown		3344 - P2024-3136-1-B 10102024 044.gcd	
	P2024-3130-1-B	0:Unknown		1-3345 - P2024-3137-1_10102024_045.gcd	-
				3346 - P2024-3137-1-B_10102024_045.gcd	-
	P2024-3137-1-B	0:Unknown			
	P2024-3138-1	0:Unknown		1-3347 - P2024-3138-1_10102024_047.gcd	
	P2024-3138-1-B	0:Unknown		3348 - P2024-3138-1-B_10102024_048.gcd	
	P2024-3142-1	0:Unknown		1-3349 - P2024-3142-1_10102024_049.gcd	-
	P2024-3142-1-B	0:Unknown		3350 - P2024-3142-1-B_10102024_050.gcd	-
	P2024-3144-1	0:Unknown		1-3351 - P2024-3144-1_10102024_051.gcd	
	P2024-3144-1-B	0:Unknown		3352 - P2024-3144-1-B_10102024_052.gcd	
	QC1-2	0:Unknown	ALCOHOL_101024_TS.gcm		-
	QC1-2-B	0:Unknown	ALCOHOL_101024_TS.gcm		
	P2024-3157-1	0:Unknown		1-3355 - P2024-3157-1_10102024_055.gcd	-
56	P2024-3157-1-B	0:Unknown		3356 - P2024-3157-1-B_10102024_056.gcd	
57	P2024-3158-1	0:Unknown	ALCOHOL 101024 TS.gcm	1-3357 - P2024-3158-1_10102024_057.gcd	0
	P2024-3158-1-B	0:Unknown		3358 - P2024-3158-1-B_10102024_058.gcd	_

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Vial#	Sample Name	Sample Type	Method File	Data File	Level#
59	P2024-3161-1	0:Unknown	ALCOHOL_101024_TS.gcm	1-3359 - P2024-3161-1_10102024_059.gcd	0
60	P2024-3161-1-B	0:Unknown	ALCOHOL_101024_TS.gcm	3360 - P2024-3161-1-B_10102024_060.gcd	0
61	P2024-3162-1	0:Unknown	ALCOHOL_101024_TS.gcm	1-3361 - P2024-3162-1_10102024_061.gcd	0
62	P2024-3162-1-B	0:Unknown	ALCOHOL_101024_TS.gcm	3362 - P2024-3162-1-B_10102024_062.gcd	0
63	QC2-2	0:Unknown	ALCOHOL_101024_TS.gcm	1-3363 - QC2-2_10102024_063.gcd	0
64	QC2-2-B	0:Unknown	ALCOHOL_101024_TS.gcm	1-3364 - QC2-2-B_10102024_064.gcd	0
65	INT STD BLK 3	0:Unknown	ALCOHOL_101024_TS.gcm	-3365 - INT STD BLK 3_10102024_065.gcd	0
66	DFE	0:Unknown	ALCOHOL_101024_TS.gcm	1-3366 - DFE_10102024_066.gcd	0
67	INT STD BLK 4	0:Unknown	ALCOHOL_101024_TS.gcm	-3367 - INT STD BLK 4_10102024_067.gcd	0