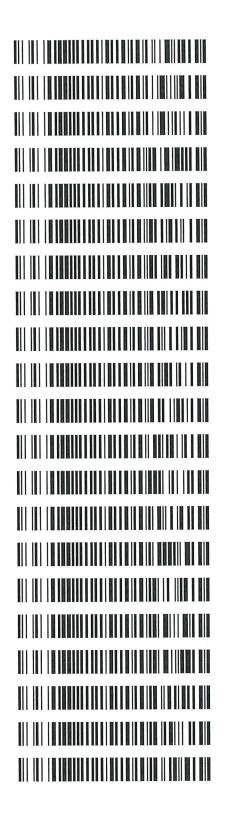
9/25/2024

Worklist: 6935

LAB CASE	ITEM	ITEM TYPE	DESCRIPTION
P2024-2868	1	BCK	Alcohol Analysis
P2024-2890	1	BCK	Alcohol Analysis
P2024-2891	1	BCK	Alcohol Analysis
P2024-2911	1	BCK	Alcohol Analysis
P2024-2913	1	BCK	Alcohol Analysis
P2024-2934	1	BCK	Alcohol Analysis
P2024-2939	1	BCK	Alcohol Analysis
P2024-2949	1	ВСК	Alcohol Analysis
P2024-2950	1	ВСК	Alcohol Analysis
P2024-2952	1	BCK	Alcohol Analysis
P2024-2958	1	BCK	Alcohol Analysis
P2024-2960	1	ВСК	Alcohol Analysis
P2024-2966	1	ВСК	Alcohol Analysis
P2024-2976	1	BCK	Alcohol Analysis
P2024-2979	1	BCK	Alcohol Analysis
P2024-2985	1	BCK	Alcohol Analysis
P2024-2986	1	BCK	Alcohol Analysis
P2024-2987	1	BCK	Alcohol Analysis
P2024-2989	1	BCK	Alcohol Analysis
P2024-2990	1	BCK	Alcohol Analysis
P2024-2997	1	BCK	Alcohol Analysis





Worklist: 6935

LAB CASE	ITEM	ITEM TYPE	DESCRIPTION
P2024-3003	1	ВСК	Alcohol Analysis
P2024-3008	1	ВСК	Alcohol Analysis
P2024-3009	1	BCK	Alcohol Analysis
P2024-3027	1	ВСК	Alcohol Analysis

 BLALC Volatiles QA_QC Data Spreadsheet-v5.xls

[Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number:	CROLAB Liquid Proc	cessor/Dilute	or Serial	Number:	IW	ML600GB9897
Vola	Volatiles Quality Assurance Controls	nce Controls		Run D	Run Date(s):		09/24/24
				Calibratio	Calibration Date: (if different)	(ferent)	
			1	Work	Worklist #:		6935
Control level	Expiration	Lot #	Target Value	Value	Acceptable Range	Range	Overall Results
							0.0817 g/100cc
Level 1	Oct-26	2209047	0.0877	77	0.0789-0.0964	964	0.0872 g/100cc
							g/100cc
							0.2035 g/100cc
Level 2	Mar-26	2110181	0.2030	30	0.1827-0.2233	2233	0.2096 g/100cc
							g/100cc
-Compo	Multi-Component mixture:	Exp: 2024 O	2024 October	Lot #	FN06041902 - OK	2 - OK	
	Curve Fit:		Column 1	0.99	0.99994 C	Column2	06666.0

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

. N.V. 4 F • 1:12 ć , 17-11

Ethanol C	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	0.0508	0.0513	0.0005	0.051
100	0.100	0.090 - 0.110	0.1009	0.1008	0.0001	0.1008
200	0.200	0.180 - 0.220	0.1983	0.1979	0.0004	0.1981
300	0.300	0.270 - 0.330	0.2987	0.2982	0.0005	0.2984
400	0.400	0.360 - 0.440	I	I	#########	#DIV/0!
500	0.500	0.450 - 0.550	0.5011	0.5015	0.5015 0.0004	0.5013

	Target Value Acceptable Ra	Control level T
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	and anone among her			
Control level	Target Value	Acceptable Range	Overall Resul	Resul
80	0.080	0.076 - 0.084	0.081	g/10(

REVIEWED

BLALC Volatiles QA_QC Data Spreadsheet-v5.xls

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

By Rachel Cutler at 2:30 pm, Sep 25, 2024

Page: 1 of 2

BLALC Volatiles QA_QC Data Spreadsheet-v5.xls

Run Date(s): 09/24

,	Vorksheet
	[onitoring W
1	tandard M
	Internal S

Sample Name Column 1 Value Column 2 Value 0.080 171131 170277 0.080 175348 174820 0.080 175348 177362 0.080 175348 177362 0.080 175348 177362 0.080 177809 177362 0.175068 177362 177362 0C1 172068 177484 0C1 172068 171484 0C1 172068 171484 0C1 172068 171484 0C1 173658 174809 0C2 173658 174809 0C2 175641 174809 0C2 186239 186041 0C2 197814 197614 0C2 197814 197614	Internal Standard Solution:	ion:	Prep Date:	8/15/2024	Exp Date:	2/15/2025
Column 1 Value 171131 171131 175348 175348 175348 177809 177809 177809 177809 177809 177809 177809 177809 1778068 177809 172068 176044 172068 177806 172068 177806 1778068 177806 1778068 177806 1778068 177806 1778068 177806 1778068 177806 1778068 177806 1778068 177806 1778068 177806 1778068 177806 1778068 177806 1778068 177806 1778068 177806						
171131 175348 175348 175348 177809 177809 177809 177809 177809 177809 177809 177809 177809 177809 177809 177809 177809 177809 177809 177809 177809 177809 177809 1786239 197814	Sample Name	Column	1 Value	Column 2	Value	
175348 175348 177809 177809 177809 177809 176944 172068 172068 172068 172068 172068 172068 172068 172068 172068 172068 173658 173658 173658 175641 175641 175641 175641 197814 197814	0.080	171	131	1702	77	
177809 176944 176944 176944 176949 177068 177068 177068 177068 177068 177068 177068 177068 177068 177068 177068 177068 177068 177068 177069 177069 177069 177069 197814 197814	0.080	175	348	17482	20	
176944 172068 172068 172068 172068 160198 160198 175641 175641 186239 197814	QCI	177	809	1773(52	
172068 160198 160198 173658 173658 175641 175641 186239 197814	QCI	176	944	1765	17	
160198 160198 173658 173658 175641 175641 186239 197814	QCI	172	068	17148	84	
173658 173658 175641 175641 186239 197814	QC1	160	198	1595(07	
173658 173658 175641 175641 186239 197814	QC1					
173658 173658 175641 175641 186239 186239 197814 197814	QCI					
175641 186239 197814	QC2	173	658	17292	24	
186239 197814 197814	QC2	175	641	1748(00	
197814	QC2	186	239	1860-	41	
	QC2	197	814	1976	14	
	QC2					
	QC2					

	Average	(-)20%	(+)20%
Column 1	176685.0	141348.0	212022.0
Column 2	176135.5	140908.4	211362.6

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

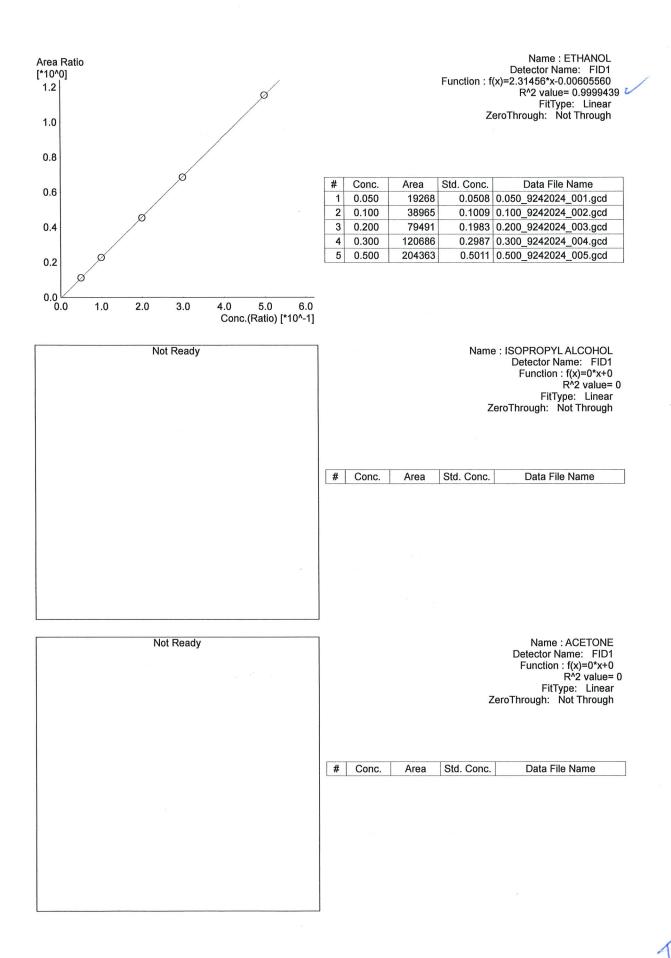
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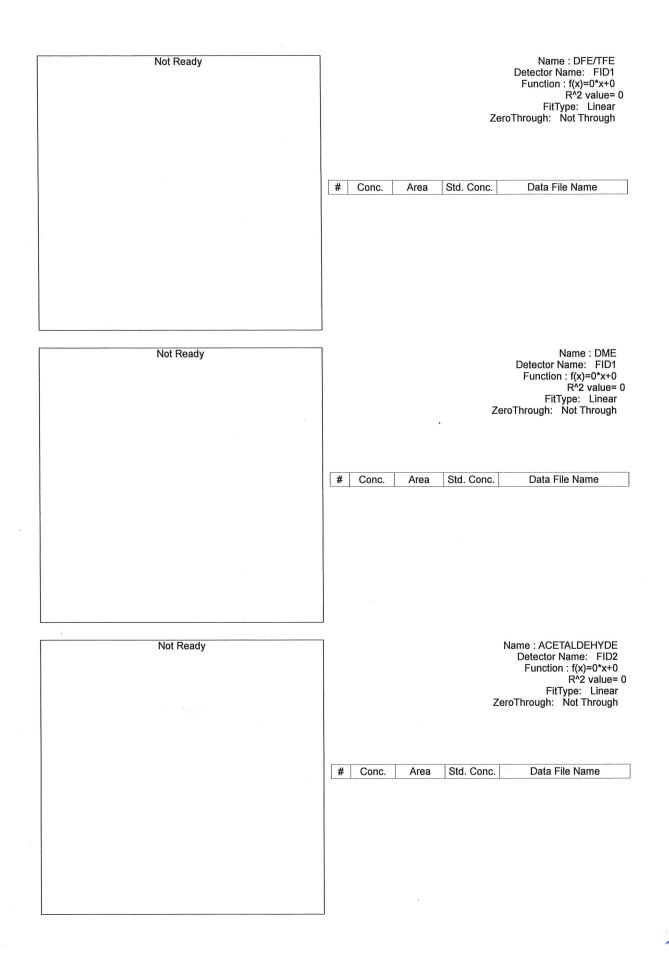
BLALC Volatiles QA_QC Data Spreadsheet-v5.xls

Page: 2 of 2

					======	
	Calibra	tion ⁻	Table			
		====	:===:		======	
Laboratory: Pocatello Instrument Name : : GC SN- C1	2255850662 / HS SN- C125957	00014				
Date Created :9/2	fault Project - ALCOHOL_09242 fault Project - BATCH_92424_T 4/2024 1:54:50 PM 4/2024 1:51:21 PM 5/2024 6:39:00 AM	24_TS.go S.gcb	cm			
Not F	Ready				Z	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 F	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

15

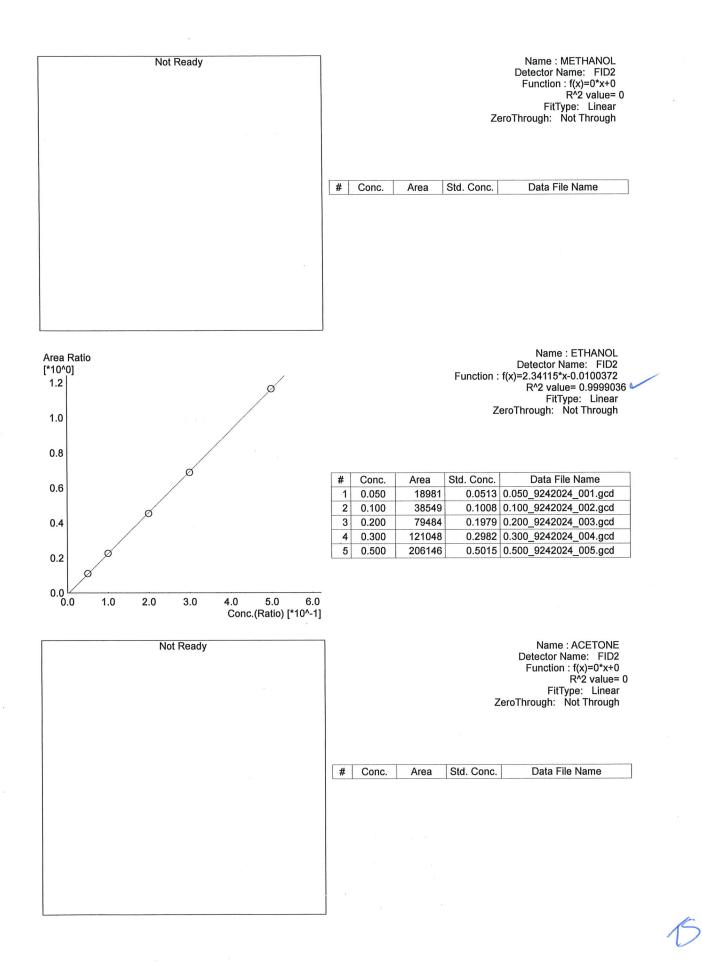


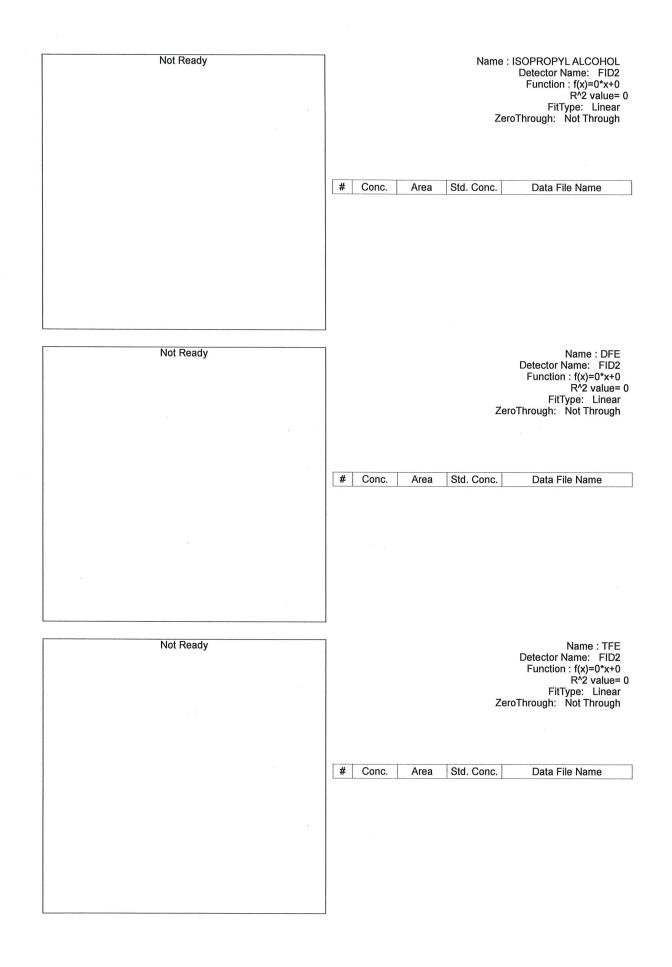


Default Project - 1-164/1-3234 - 0.500_9242024_005.gcd

9/25/2024 6:39:01 AM Page 3 / 5

15

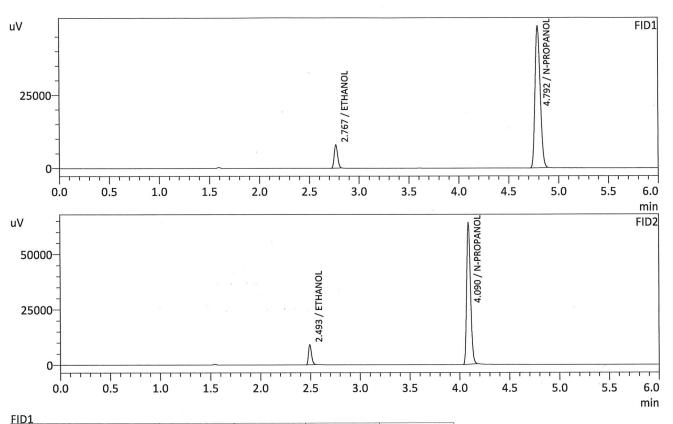




Default Project - 1-164/1-3234 - 0.500_9242024_005.gcd

9/25/2024 6:39:01 AM Page 5 / 5

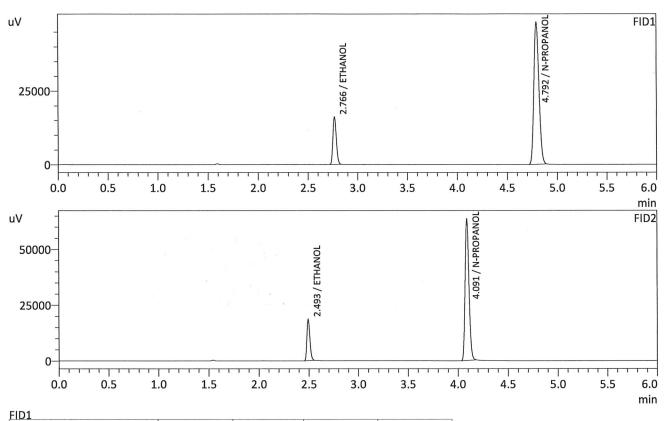
Sample Name	: 0.050
Vial #	:1
Data Filename	: 0.050_9242024_001.gcd
Method Filename	: ALCOHOL_092424_TS.gcm
Batch Filename	
Date Acquired	: 9/24/2024 1:16:43 PM
Date Processed	
Instrument	: GC SN- C12255850662 / HS SN- C12595700014
Vial # Data Filename Method Filename Batch Filename Date Acquired Date Processed	: 1 : 0.050_9242024_001.gcd



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0508	g/100cc	19268	7916
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	172572	48475
DFE/TFE		g/100cc		
DME		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0513	g/100cc	18981	9028
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	172183	63896
DFE		g/100cc		
TFE		g/100cc		

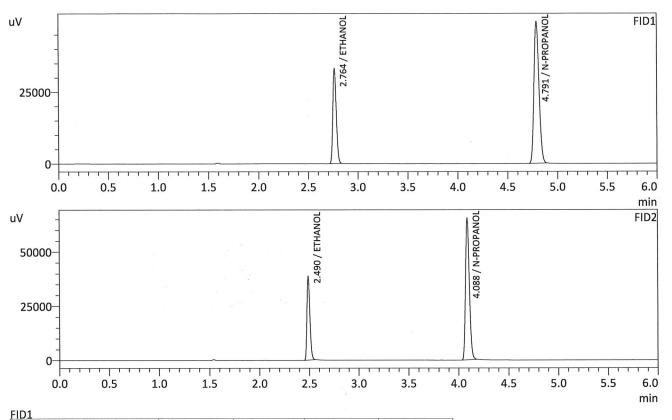
Date Acquired : 9/24/2024 1:26:13 PM Date Processed : 9/25/2024 6:38:49 AM
Date Processed : 9/25/2024 6:38:49 AM
Instrument : GC SN- C12255850662 / HS SN- C12595700014



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.1009	g/100cc	38965	16096
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	171284	48143
DFE/TFE		g/100cc		
DME		g/100cc		

FID2			1.	
Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.1008	g/100cc	38549	18407
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	170509	63458
DFE		g/100cc		
TFE		g/100cc		

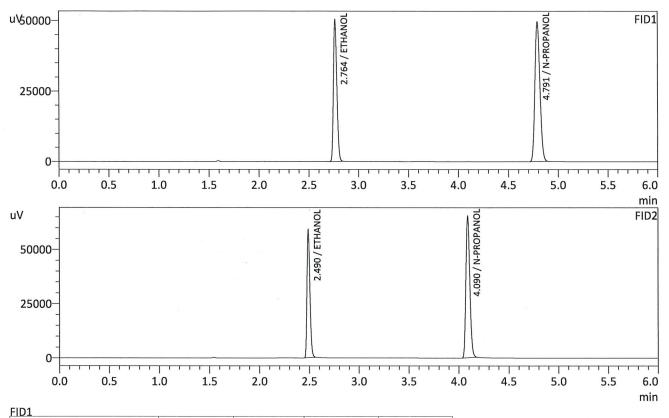
Sample Name	: 0.200
Vial #	: 3
Data Filename	: 0.200_9242024_003.gcd
Method Filename	: ALCOHOL_092424_TS.gcm
Batch Filename	: BATCH_92424_TS.gcb
Date Acquired	: 9/24/2024 1:35:33 PM
Date Processed	: 9/25/2024 6:38:53 AM
Instrument	: GC SN- C12255850662 / HS SN- C12595700014



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.1983	g/100cc	79491	33056
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	175440	49467
DFE/TFE		g/100cc		
DME		g/100cc		

FID2			15	
Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.1979	g/100cc	79484	38609
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	175265	64752
DFE		g/100cc		
TFE		g/100cc		

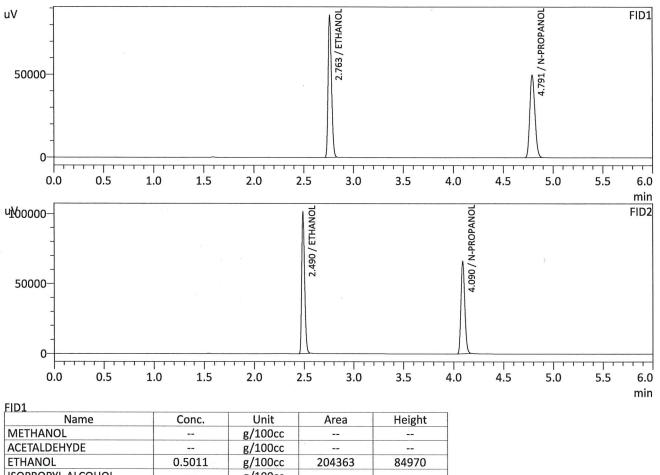
Sample Name	: 0.300
Vial #	: 4
Data Filename	: 0.300_9242024_004.gcd
Method Filename	: ALCOHOL_092424_TS.gcm
Batch Filename	: BATCH_92424_TS.gcb
Date Acquired	: 9/24/2024 1:45:18 PM
Date Processed	: 9/25/2024 6:38:57 AM
Instrument	: GC SN- C12255850662 / HS SN- C12595700014



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.2987	g/100cc	120686	50062
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	176100	49561
DFE/TFE		g/100cc		
DME		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.2982	g/100cc	121048	59009
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	175917	65242
DFE		g/100cc		
TFE		g/100cc		

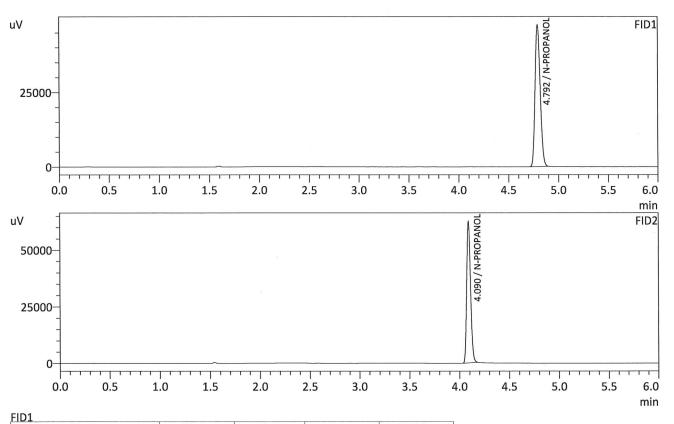
Sample Name	: 0.500
Vial #	:5
Data Filename	: 0.500_9242024_005.gcd
Method Filename	: ALCOHOL_092424_TS.gcm
Batch Filename	: BATCH_92424_TS.gcb
Date Acquired	: 9/24/2024 1:54:50 PM
Date Processed	: 9/25/2024 6:39:00 AM
Instrument	: GC SN- C12255850662 / HS SN- C12595700014



ETHANOL	0.5011	g/100cc	204363	84970
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	177106	49827
DFE/TFE		g/100cc		
DME		g/100cc		

	2		
Conc.	Unit	Area	Height
	g/100cc		
	g/100cc		
0.5015	g/100cc	206146	101066
	g/100cc	·	
	g/100cc		
0.0000	g/100cc	177068	66030
	g/100cc		
	g/100cc		
	 0.5015 0.0000 	g/100cc g/100cc 0.5015 g/100cc g/100cc g/100cc 0.0000 g/100cc g/100cc 0.0000 g/100cc g/100cc	g/100cc g/100cc 0.5015 g/100cc 206146 g/100cc g/100cc 0.0000 g/100cc 177068 g/100cc

: INT STD BLK 1
: 6
: INT STD BLK 1_9242024_006.gcd
: ALCOHOL_092424_TS.gcm
: BATCH_92424_TS.gcb
: 9/24/2024 2:04:07 PM
: 9/24/2024 2:10:09 PM
: GC SN- C12255850662 / HS SN- C12595700014

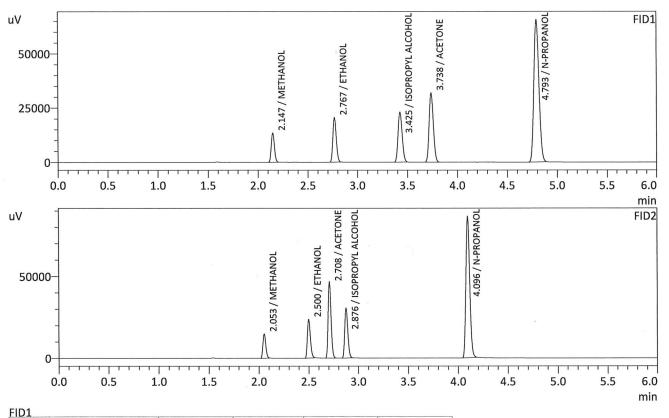


Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	168276	47499
DFE/TFE		g/100cc		
DME		g/100cc		

FID2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL		g/100cc		
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	167707	62470
DFE		g/100cc		
TFE		g/100cc		

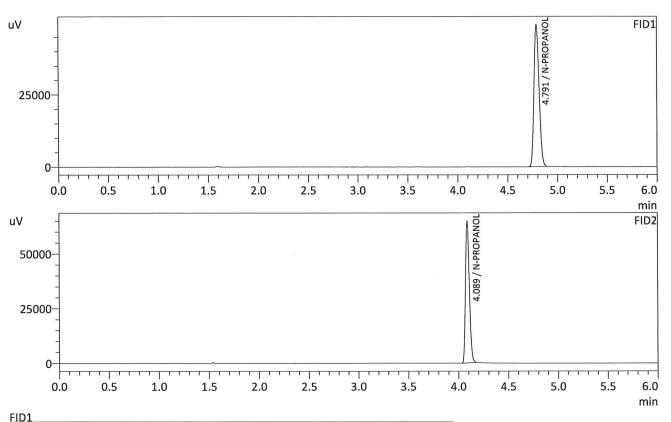
Sample Name	: MULTI-COMP MIX
Vial #	:7
Data Filename	: MULTI-COMP MIX_9242024_007.gcd
Method Filename	: ALCOHOL_092424_TS.gcm
Batch Filename	: BATCH_92424_TS.gcb
Date Acquired	: 9/24/2024 2:13:50 PM
Date Processed	: 9/24/2024 2:19:52 PM
Instrument	: GC SN- C12255850662 / HS SN- C12595700014



Name	Conc.	Unit	Area	Height
METHANOL	0.0000	g/100cc	29321	13247
ACETALDEHYDE		g/100cc		
ETHANOL	0.0952	g/100cc	49498	20420
ISOPROPYL ALCOHOL	0.0000	g/100cc	65350	22865
ACETONE	0.0000	g/100cc	92943	31700
N-PROPANOL	0.0000	g/100cc	230782	65298
DFE/TFE		g/100cc		
DME		g/100cc		

FID2				
Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL	0.0000	g/100cc	29927	14748
ETHANOL	0.0952	g/100cc	49009	23600
ACETONE	0.0000	g/100cc	95817	46203
ISOPROPYL ALCOHOL	0.0000	g/100cc	65993	30207
N-PROPANOL	0.0000	g/100cc	230120	86237
DFE		g/100cc		
TFE		g/100cc		

Sample Name	: INT STD BLK 2
Vial #	: 8
Data Filename	: INT STD BLK 2_9242024_008.gcd
Method Filename	: ALCOHOL_092424_TS.gcm
Batch Filename	: BATCH_92424_TS.gcb
Date Acquired	: 9/24/2024 2:23:23 PM
Date Processed	: 9/24/2024 2:29:26 PM
Instrument	: GC SN- C12255850662 / HS SN- C12595700014



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	174320	49143
DFE/TFE		g/100cc		
DME		g/100cc		

FID2				
Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL		g/100cc		
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	173752	64336
DFE		g/100cc		
TFE		g/100cc		

VOLATILES DETERMINATION CASEFILE WORKSHEET

			CONTRACTOR OF A DESCRIPTION OF A DESCRIP	Laboratory No: 0.08 QA Analysis Date(s): 9/24/2024 2:51:58 PM(-06:00)							
1	Column 1	Column 2	Column	Mean	Sample A-B	Over-all Mean					
	FID A	FID B	Precision	Value	Difference	Over-all wear					
Sample Results	0.0816	0.0813	0.0003	0.0814	0.0005	0.0911					
(g/100cc)	0.0810	0.0808	0.0002	0.0809	0.0005	0.0811					

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

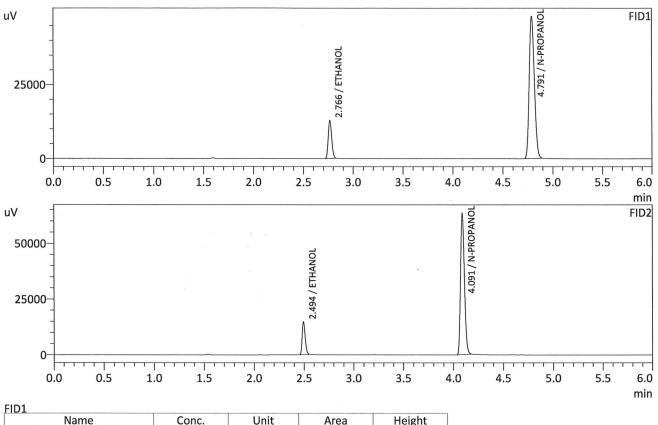
Instrument information is stored centrally.

Refer To Instrument Method:

od: ALCOHOL_092424_TS.gcm

Reporting of Results	Uncertaint	y of Measurer	nents (UM%): 5.00%	
Overall Mean (g/100cc)		Low	High	5 % of Mean
0.081		0.076	0.086	0.005
	Rep	ported Res	ults	
· · · · ·	0.081			

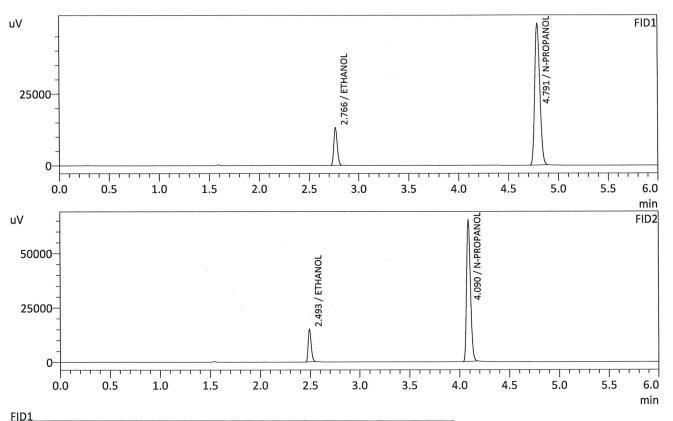
Sample Name	: 0.08 QA
Vial #	: 11
Data Filename	: 0.08 QA _9242024_011.gcd
Method Filename	: ALCOHOL_092424_TS.gcm
Batch Filename	: BATCH_92424_TS.gcb
Date Acquired	: 9/24/2024 2:51:58 PM
Date Processed	: 9/24/2024 2:57:59 PM
Instrument	: GC SN- C12255850662 / HS SN- C12595700014



Name Conc.		Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0816	g/100cc	31318	12910
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	171131	48136
DFE/TFE		g/100cc		
DME		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0813	g/100cc	30723	14671
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc	·	
N-PROPANOL	0.0000	g/100cc	170277	63351
DFE		g/100cc		
TFE		g/100cc	·	

Sample Name	: 0.08 QA - B
Vial #	: 12
Data Filename	: 0.08 QA - B_9242024_012.gcd
Method Filename	: ALCOHOL_092424_TS.gcm
Batch Filename	: BATCH_92424_TS.gcb
Date Acquired	: 9/24/2024 3:01:15 PM
Date Processed	: 9/24/2024 3:07:17 PM
Instrument	: GC SN- C12255850662 / HS SN- C12595700014



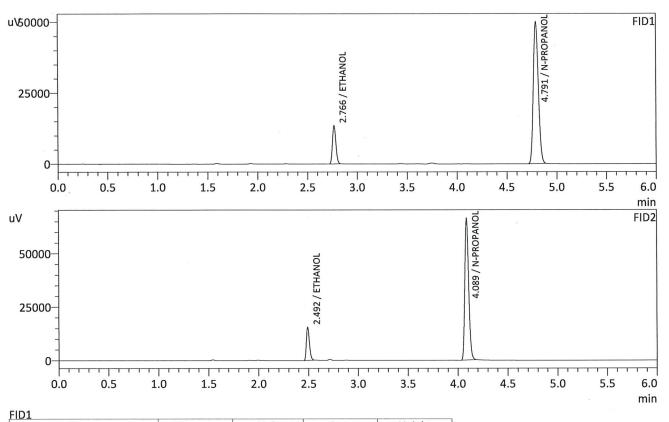
Name	Conc.	Unit	Area	Height
METHANOL	ETHANOL			
ACETALDEHYDE		g/100cc		
ETHANOL	0.0810	g/100cc	31818	13184
ISOPROPYL ALCOHOL ACETONE		g/100cc		
		g/100cc		
N-PROPANOL 0.0000		g/100cc	175348	49366
DFE/TFE		g/100cc		
DME		g/100cc		

-ID2 Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0808	g/100cc	31325	14843
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	174820	65094
DFE		g/100cc		
TFE		g/100cc		

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No:	QC1-1		Ana	lysis Date(s):	9/24/2024 2:32	:43 PM(-06:00)	
	Column 1	Column 2	Column	Mean	Sample A-B	A	
	FID A	FID B	Precision	Value	Difference	Over-all Mean	
Sample Results	0.0818	0.0817	0.0001	0.0817	0.0000		
(g/100cc)	0.0818	0.0816	0.0002	0.0817	0.0000	0.0817	
Analysis Method							
Refer to Blood Alcol	hol Method #1	I					
Instrument Information	on			Instrumen	t information is	s stored centrally.	
Refer To Instrument	Method:	ALCOHOL_0	92424_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		
	0.081	۱ _{۰.}	0.076	0.086	0.005		
1		Rej	ported Res	ults			
			0.081				

Sample Name Vial #	: QC1-1 : 9
Data Filename	:QC1-1 9242024 009.gcd
Method Filename	: ALCOHOL_092424_TS.gcm
Batch Filename	: BATCH_92424_TS.gcb
Date Acquired	: 9/24/2024 2:32:43 PM
Date Processed	: 9/24/2024 2:38:44 PM
Instrument	: GC SN- C12255850662 / HS SN- C12595700014

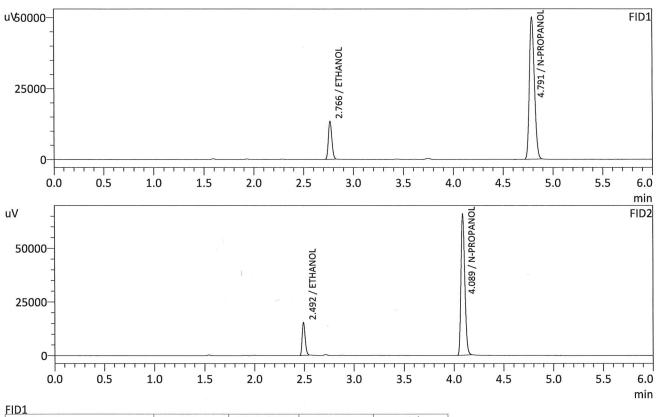


Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0818	g/100cc	32600	13516
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	177809	49962
DFE/TFE		g/100cc		
DME		g/100cc		

F	ID2	
r		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0817	g/100cc	32155	15337
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	177362	66010
DFE		g/100cc		
TFE		g/100cc		

Sample Name	: QC1-1-B
Vial #	: 10
Data Filename	: QC1-1-B_9242024_010.gcd
Method Filename	: ALCOHOL_092424_TS.gcm
Batch Filename	: BATCH_92424_TS.gcb
Date Acquired	: 9/24/2024 2:42:28 PM
Date Processed	: 9/24/2024 2:48:28 PM
Instrument	: GC SN- C12255850662 / HS SN- C12595700014



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0818	g/100cc	32448	13433
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	176944	50049
DFE/TFE		g/100cc		
DME		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0816	g/100cc	31988	15245
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	176517	65595
DFE		g/100cc		
TFE		g/100cc	·	

Laboratory No: QC1-2 Analysis Date(s): 9/24/2024 9:31:52 PM(-06:00) Column 1 Column 2 Column Mean Sample A-B Over-all Mean FID A FID B Difference Precision Value Sample Results 0.0882 0.0875 0.0007 0.0878 0.0011 0.0872 (g/100cc) 0.0870 0.0864 0.0006 0.0867

VOLATILES DETERMINATION CASEFILE WORKSHEET

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information

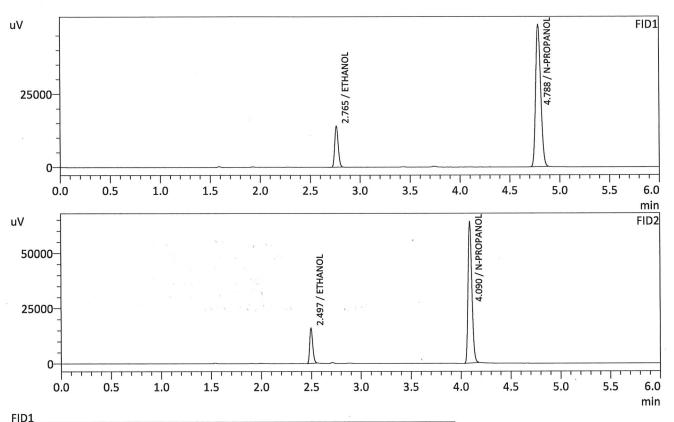
Instrument information is stored centrally.

Refer To Instrument Method:

od: ALCOHOL_092424_TS.gcm

eporting of Results Uncertainty of Measuren			nents (UM%):	5.00%	
Overall Mean (g/100c	c)	Low	High	5 %	6 of Mean
0.087	. < • (*	0.082	0.092	- 8-3-	0.005
	Reported Results				
ang pr	алан (т. 1917) 1917 г. – 1917 1917 г. – 1917 г. – 1	0.087		4 - 3 4 -	

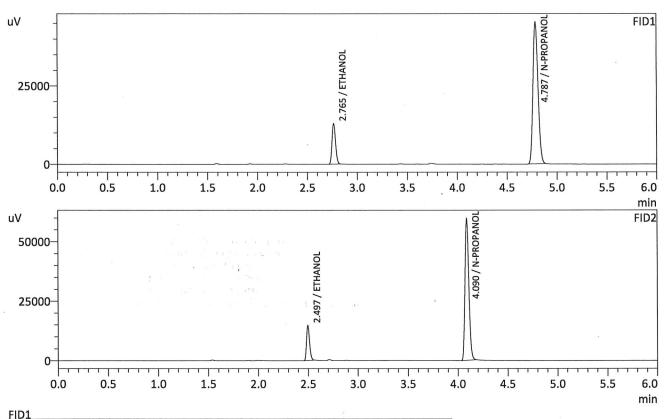
Sample Name	: QC1-2
Vial #	: 53
Data Filename	: QC1-2_9242024_053.gcd
Method Filename	: ALCOHOL_092424_TS.gcm
Batch Filename	: BATCH_92424_TS.gcb
Date Acquired	: 9/24/2024 9:31:52 PM
Date Processed	: 9/24/2024 9:37:53 PM
Date Processed	: 9/24/2024 9:37:53 PM
Instrument	: GC SN- C12255850662 / HS SN- C12595700014



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0882	g/100cc	34088	14021
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	172068	48512
DFE/TFE		g/100cc		
DME		g/100cc		

FID2				
Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0875	g/100cc	33435	15769
ACETONE	· · · · ·	g/100cc	·	
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	171484	64009
DFE		g/100cc		
TFE		g/100cc	e	

Sample Name Vial #	: QC1-2-B : 54
Data Filename	: QC1-2-B_9242024_054.gcd
Method Filename	: ALCOHOL_092424_TS.gcm
Batch Filename	: BATCH_92424_TS.gcb
Date Acquired	: 9/24/2024 9:41:09 PM
Date Processed	: 9/24/2024 9:47:11 PM
Instrument	: GC SN- C12255850662 / HS SN- C12595700014



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.0870	g/100cc	31308	12913
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	160198	45245
DFE/TFE		g/100cc		
DME		g/100cc	· · · ·	

FID2				
Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.0864	g/100cc	30684	14445
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	159507	59523
DFE		g/100cc		
TFE		g/100cc		

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No:	QC2-1	Analysis Date(s): 9/24/2024 6:02:25 PM(-06:00)				
	Column 1	Column 2	Column	Mean	Sample A-B	0
	FID A	FID B	Precision			Over-all Mean
Sample Results	0.2032	0.2028	0.0004	0.2030	0.0011	0.0005
(g/100cc)	0.2042	0.2040	0.0002	0.2041	0.0011	0.2035
Analysis Method						

Refer to Blood Alcohol Method #1

Instrument Information

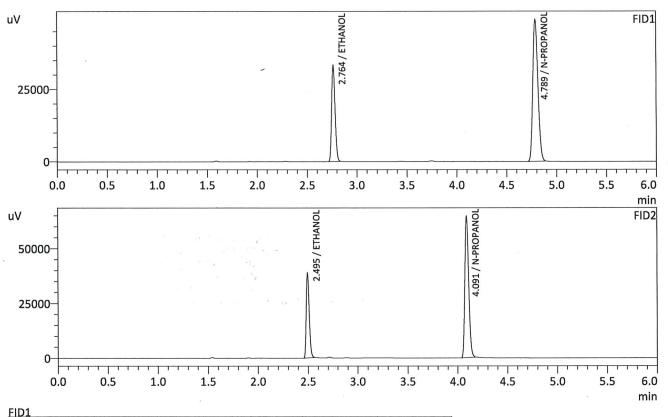
Instrument information is stored centrally.

Refer To Instrument Method:

ALCOHOL_092424_TS.gcm

Reporting of Results Uncertainty of Measurem			nents (UM%): 5.00%	
Overall Mean (g/100cc)		Low	High	5 % of Mean
0.203	1	0.192	0.214	0.011
	Reported Results			
	1. 1. 1. 1. A.	2 m 14	6	

Sample Name Vial #	: QC2-1 : 31
Data Filename	: QC2-1_9242024_031.gcd
Method Filename	: ALCOHOL_092424_TS.gcm
Batch Filename	: BATCH_92424_TS.gcb
Date Acquired	: 9/24/2024 6:02:25 PM
Date Processed	: 9/24/2024 6:08:27 PM
Instrument	: GC SN- C12255850662 / HS SN- C12595700014



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL	0.2032	g/100cc	80637	33223
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc	·	
N-PROPANOL	0.0000	g/100cc	173658	48973
DFE/TFE		g/100cc		
DME		g/100cc		

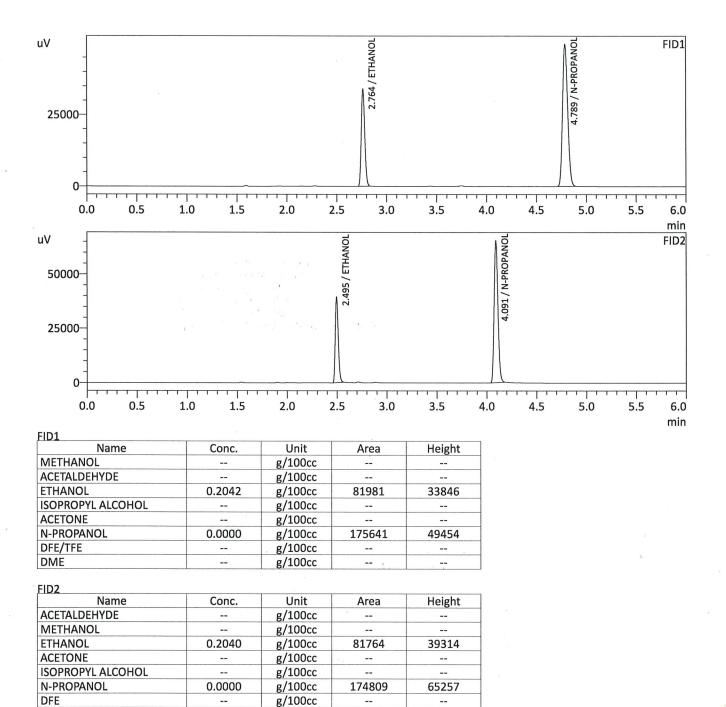
FI	D2

Name	Conc.	Unit	Area	Height
ACETALDEHYDE	`	g/100cc		
METHANOL		g/100cc		
ETHANOL	0.2028	g/100cc	80396	38712
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	172924	64520
DFE		g/100cc		
TFE		g/100cc		

Sample Name Vial # Data Filename Method Filename Batch Filename Date Acquired Date Processed	: QC2-1-B : 32 : QC2-1-B_9242024_032.gcd : ALCOHOL_092424_TS.gcm : BATCH_92424_TS.gcb : 9/24/2024 6:11:57 PM : 9/24/2024 6:17:59 PM
	: 9/24/2024 6:17:59 PM : GC SN- C12255850662 / HS SN- C12595700014

g/100cc

TFE



VOLATILES DETERMINATION CASEFILE WORKSHEET

	QC2-2 Analysis Date(s): 9				9/24/2024 11:45:09 PM(-06:00)		
	Column 1	Column 2	Column	Mean	Sample A-B	o "M	
	FID A	FID B	Precision	Value	Difference	Over-all Mean	
Sample Results	0.2108	0.2104	0.0004	0.2106	0.0010	0.0000	
(g/100cc)	0.2090	0.2085	0.0005	0.2087	0.0019	0.2096	

Refer to Blood Alcohol Method #1

Instrument Information

Instrument information is stored centrally.

Refer To Instrument Method:

nod: ALCOHOL_092424_TS.gcm

Reporting of Results	Uncertainty of Measurements (UM%):			5.00%	
Overall Mean (g/100cc	:)	Low	High	5 9	% of Mean
0.209	Ca Frides	0.198	0.220	e Meri I	0.011
	Reported Results				
n in star an	n (P), e d e Nj	0.209	· · · · · · · · · · · · · · · · · · ·	en Boo Bu	

Calibration and control data are stored centrally.

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 $\mathcal{F}^{(1)}$ is a state of the state of the state of $\mathcal{F}^{(1)}$

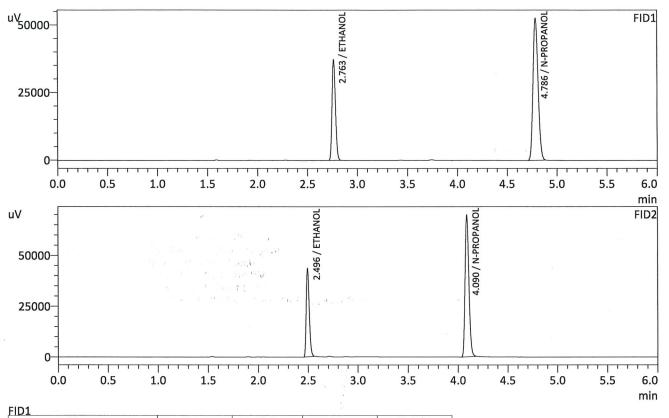
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Appendix for a present.

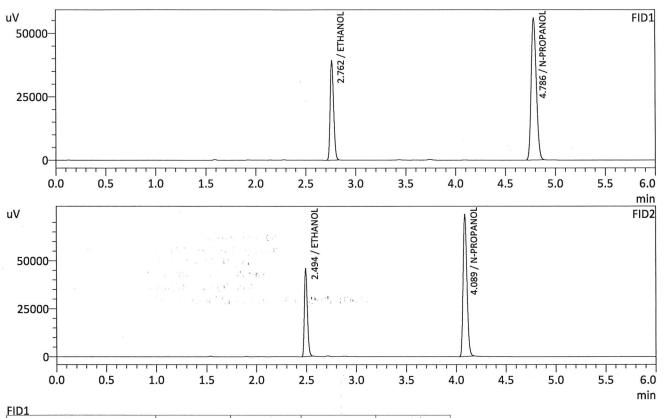
Sample Name	: QC2-2
Vial #	: 67
Data Filename	: QC2-2_9242024_067.gcd
Method Filename	: ALCOHOL_092424_TS.gcm
Batch Filename	: BATCH_92424_TS.gcb
Date Acquired	: 9/24/2024 11:45:09 PM
Date Processed	: 9/24/2024 11:51:11 PM
	: 9/24/2024 11:51:11 PM : GC SN- C12255850662 / HS SN- C12595700014



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc	l	
ETHANOL	0.2108	g/100cc	89757	36825
ISOPROPYL ALCOHOL	,	g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	186239	52530
DFE/TFE		g/100cc		
DME		g/100cc		

Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc		
METHANOL		g/100cc		
ETHANOL	0.2104	g/100cc	89784	43252
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	186041	69490
DFE		g/100cc		
TFE		g/100cc		

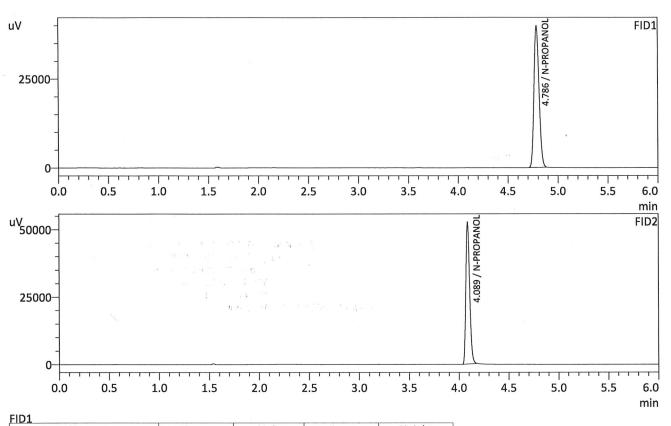
Sample Name : QC2-2-B Vial # : 68	
Data Filename : QC2-2-B 9242024 068.gcd	
Method Filename : ALCOHOL_092424_TS.gcm	
Batch Filename : BATCH_92424_TS.gcb	
Date Acquired : 9/24/2024 11:54:35 PM	
Date Processed : 9/25/2024 12:00:36 AM	
Instrument : GC SN- C12255850662 / HS SN- C	12595700014



Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc	.'	
ETHANOL	0.2090	g/100cc	94524	38861
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	197814	55937
DFE/TFE		g/100cc		
DME		g/100cc		

FID2 Name	Conc.	Unit	Area	Height
ACETALDEHYDE		g/100cc	;	
METHANOL		g/100cc		
ETHANOL	0.2085	g/100cc	94499	45612
ACETONE		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	197614	73333
DFE		g/100cc		
TFE		g/100cc		

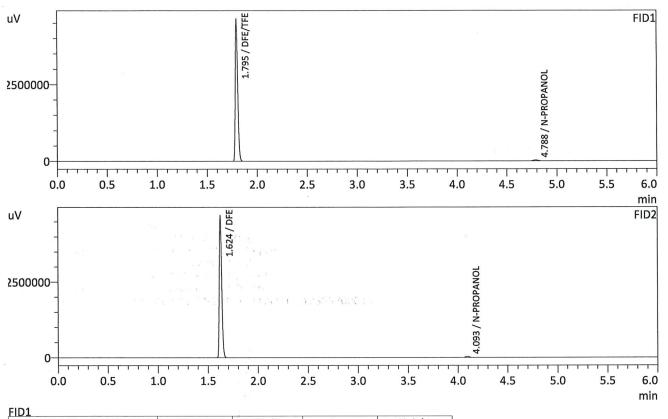
Sample Name	: INT STD BLK 3
Vial #	: 69
Data Filename	: INT STD BLK 3_9242024_069.gcd
Method Filename	: ALCOHOL_092424_TS.gcm
Batch Filename	: BATCH_92424_TS.gcb
Date Acquired	: 9/25/2024 12:03:52 AM
Date Processed	: 9/25/2024 12:09:53 AM
Instrument	: GC SN- C12255850662 / HS SN- C12595700014



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	141209	39853
DFE/TFE		g/100cc		
DME		g/100cc		

FID2				2
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	140256	52087
DFE		g/100cc		
TFE		g/100cc		

Sample Name	: DFE
Vial #	: 70
Data Filename	: DFE_9242024_070.gcd
Method Filename	: ALCOHOL_092424_TS.gcm
Batch Filename	: BATCH_92424_TS.gcb
Date Acquired	: 9/25/2024 12:13:38 AM
Date Processed	: 9/25/2024 12:19:40 AM
Instrument	: GC SN- C12255850662 / HS SN- C12595700014

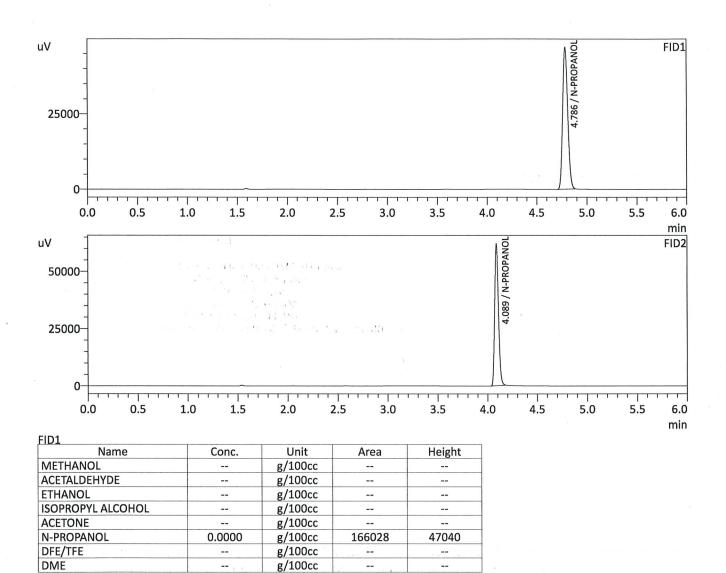


Name	Conc.	Unit	Area	Height
METHANOL		g/100cc		
ACETALDEHYDE		g/100cc		
ETHANOL		g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
ACETONE		g/100cc		
N-PROPANOL	0.0000	g/100cc	108026	30556
DFE/TFE	0.0000	g/100cc	7798833	4614305
DME		g/100cc		

FID2				
Name	Conc.	Unit	Area	Height
ACETALDEHYDE	1	g/100cc		
METHANOL		g/100cc		
ETHANOL		g/100cc		
ACETONE	1	g/100cc		
ISOPROPYL ALCOHOL		g/100cc		
N-PROPANOL	0.0000	g/100cc	106827	39647
DFE	0.0000	g/100cc	7817204	4586207
TFE		g/100cc		

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Sample Name	: INT STD BLK 4
Vial #	: 71
Data Filename	: INT STD BLK 4_9242024_071.gcd
Method Filename	: ALCOHOL_092424_TS.gcm
Batch Filename	: BATCH_92424_TS.gcb
Date Acquired	: 9/25/2024 12:23:06 AM
Date Processed	: 9/25/2024 12:29:09 AM
Instrument	: GC SN- C12255850662 / HS SN- C12595700014



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	165364	61720
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

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ial#	Sample Name	Sample Type	Method File	Data File	Level#
	0.050	1:Standard:(I)	ALCOHOL_092424_TS.gcm	1-3230 - 0.050_9242024_001.gcd	1
	0.100	1:Standard:(R)	ALCOHOL_092424_TS.gcm	1-3231 - 0.100_9242024_002.gcd	2
	0.200	1:Standard:(R)	ALCOHOL_092424_TS.gcm	1-3232 - 0.200_9242024_003.gcd	:
	0.300	1:Standard:(R)	ALCOHOL_092424_TS.gcm	1-3233 - 0.300_9242024_004.gcd	
	0.500	1:Standard:(R)	ALCOHOL_092424_TS.gcm	1-3234 - 0.500_9242024_005.gcd	
	INT STD BLK 1	0:Unknown	ALCOHOL_092424_TS.gcm	1-3235 - INT STD BLK 1_9242024_006.gcd	
7	MULTI-COMP MIX	0:Unknown	ALCOHOL_092424_TS.gcm	236 - MULTI-COMP MIX_9242024_007.gcd	
8	INT STD BLK 2	0:Unknown	ALCOHOL_092424_TS.gcm	1-3237 - INT STD BLK 2_9242024_008.gcd	(
9	QC1-1	0:Unknown	ALCOHOL_092424_TS.gcm	1-3238 - QC1-1_9242024_009.gcd	(
10	QC1-1-B	0:Unknown	ALCOHOL_092424_TS.gcm	1-3239 - QC1-1-B 9242024 010.gcd	(
11	0.08 QA	0:Unknown	ALCOHOL_092424_TS.gcm	1-3240 - 0.08 QA 9242024 011.gcd	
12	0.08 QA - B	0:Unknown	ALCOHOL_092424_TS.gcm		
13	P2024-2868-1	0:Unknown	ALCOHOL_092424_TS.gcm		
	P2024-2868-1-B	0:Unknown	ALCOHOL_092424_TS.gcm	0	
	P2024-2890-1	0:Unknown	ALCOHOL_092424_TS.gcm	1-3244 - P2024-2890-1_9242024_015.gcd	
	P2024-2890-1-B	0:Unknown	ALCOHOL_092424_TS.gcm	-3245 - P2024-2890-1-B_9242024_016.gcd	
	P2024-2891-1				
		0:Unknown	ALCOHOL_092424_TS.gcm	1-3246 - P2024-2891-1_9242024_017.gcd	(
	P2024-2891-1-B	0:Unknown	ALCOHOL_092424_TS.gcm		
	P2024-2911-1	0:Unknown	ALCOHOL_092424_TS.gcm	1-3248 - P2024-2911-1_9242024_019.gcd	
	P2024-2911-1-B	0:Unknown	ALCOHOL_092424_TS.gcm		
	P2024-2913-1	0:Unknown	ALCOHOL_092424_TS.gcm	1-3250 - P2024-2913-1_9242024_021.gcd	
22	P2024-2913-1-B	0:Unknown	ALCOHOL_092424_TS.gcm	-3251 - P2024-2913-1-B_9242024_022.gcd	
23	P2024-2934-1	0:Unknown	ALCOHOL_092424_TS.gcm	1-3252 - P2024-2934-1_9242024_023.gcd	
24	P2024-2934-1-B	0:Unknown	ALCOHOL_092424_TS.gcm	-3253 - P2024-2934-1-B_9242024_024.gcd	
25	P2024-2939-1	0:Unknown	ALCOHOL_092424_TS.gcm	1-3254 - P2024-2939-1_9242024_025.gcd	
26	P2024-2939-1-B	0:Unknown	ALCOHOL_092424_TS.gcm	-3255 - P2024-2939-1-B_9242024_026.gcd	
27	P2024-2949-1	0:Unknown	ALCOHOL_092424_TS.gcm		
28	P2024-2949-1-B	0:Unknown	ALCOHOL_092424_TS.gcm		
29	P2024-2950-1	0:Unknown	ALCOHOL_092424_TS.gcm		
	P2024-2950-1-B	0:Unknown	ALCOHOL_092424_TS.gcm		
	QC2-1	0:Unknown	ALCOHOL_092424_TS.gcm	1-3260 - QC2-1_9242024_031.gcd	
	QC2-1-B	0:Unknown	ALCOHOL_092424_TS.gcm		
	P2024-2952-1			1-3261 - QC2-1-B_9242024_032.gcd	
		0:Unknown	ALCOHOL_092424_TS.gcm	1-3262 - P2024-2952-1_9242024_033.gcd	
	P2024-2952-1-B	0:Unknown	ALCOHOL_092424_TS.gcm	-3263 - P2024-2952-1-B_9242024_034.gcd	
	P2024-2958-1	0:Unknown	ALCOHOL_092424_TS.gcm	1-3264 - P2024-2958-1_9242024_035.gcd	
	P2024-2958-1-B	0:Unknown	ALCOHOL_092424_TS.gcm		
	P2024-2960-1	0:Unknown	ALCOHOL_092424_TS.gcm	1-3266 - P2024-2960-1_9242024_037.gcd	
38	P2024-2960-1-B	0:Unknown	ALCOHOL_092424_TS.gcm	-3267 - P2024-2960-1-B_9242024_038.gcd	1
39	P2024-2966-1	0:Unknown	ALCOHOL_092424_TS.gcm	1-3268 - P2024-2966-1_9242024_039.gcd	
40	P2024-2966-1-B	0:Unknown	ALCOHOL_092424_TS.gcm	-3269 - P2024-2966-1-B_9242024_040.gcd	
41	P2024-2976-1	0:Unknown	ALCOHOL_092424_TS.gcm	1-3270 - P2024-2976-1_9242024_041.gcd	
42	P2024-2976-1B	0:Unknown		1-3271 - P2024-2976-1B_9242024_042.gcd	
43	P2024-2979-1	0:Unknown	ALCOHOL_092424_TS.gcm		
120	P2024-2979-1-B	0:Unknown	ALCOHOL_092424_TS.gcm		
	P2024-2985-1	0:Unknown	ALCOHOL_092424 TS.gcm		
	P2024-2985-1-B	0:Unknown	ALCOHOL_092424_TS.gcm	1 1 0	
	P2024-2986-1	0:Unknown	ALCOHOL_092424_TS.gcm		
	P2024-2986-1-B				
		0:Unknown	ALCOHOL_092424_TS.gcm		
	P2024-2987-1	0:Unknown	ALCOHOL_092424_TS.gcm	1-3278 - P2024-2987-1_9242024_049.gcd	
	P2024-2987-1-B	0:Unknown	ALCOHOL_092424_TS.gcm	-3279 - P2024-2987-1-B_9242024_050.gcd	
	P2024-2989-1	0:Unknown	ALCOHOL_092424_TS.gcm	1-3280 - P2024-2989-1_9242024_051.gcd	
	P2024-2989-1-B	0:Unknown	ALCOHOL_092424_TS.gcm	-3281 - P2024-2989-1-B_9242024_052.gcd	
53	QC1-2	0:Unknown	ALCOHOL_092424_TS.gcm	1-3282 - QC1-2_9242024_053.gcd	
54	QC1-2-B	0:Unknown	ALCOHOL_092424_TS.gcm	1-3283 - QC1-2-B_9242024_054.gcd	
55	P2024-2990-1	0:Unknown	ALCOHOL_092424_TS.gcm	1-3284 - P2024-2990-1_9242024_055.gcd	
56	P2024-2990-1-B	0:Unknown	ALCOHOL_092424_TS.gcm		
	P2024-2997-1	0:Unknown	ALCOHOL_092424_TS.gcm	1-3286 - P2024-2997-1_9242024_057.gcd	
	P2024-2997-1-B	0:Unknown		-3287 - P2024-2997-1-B_9242024_058.gcd	

Default Project - BATCH_92424_TS.gcb

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Vial#	Sample Name	Sample Type	Method File	Data File	Level#
59	P2024-3003-1	0:Unknown	ALCOHOL_092424_TS.gcm	1-3288 - P2024-3003-1_9242024_059.gcd	0
60	P2024-3003-1-B	0:Unknown	ALCOHOL_092424_TS.gcm	-3289 - P2024-3003-1-B_9242024_060.gcd	0
61	P2024-3008-1	0:Unknown	ALCOHOL_092424_TS.gcm	1-3290 - P2024-3008-1_9242024_061.gcd	0
62	P2024-3008-1-B	0:Unknown	ALCOHOL_092424_TS.gcm	-3291 - P2024-3008-1-B_9242024_062.gcd	0
63	P2024-3009-1	0:Unknown	ALCOHOL_092424_TS.gcm	1-3292 - P2024-3009-1_9242024_063.gcd	0
64	P2024-3009-1-B	0:Unknown	ALCOHOL_092424_TS.gcm	-3293 - P2024-3009-1-B_9242024_064.gcd	0
65	P2024-3027-1	0:Unknown	ALCOHOL_092424_TS.gcm	1-3294 - P2024-3027-1_9242024_065.gcd	0
66	P2024-3027-1-B	0:Unknown	ALCOHOL_092424_TS.gcm	-3295 - P2024-3027-1-B_9242024_066.gcd	0
67	QC2-2	0:Unknown	ALCOHOL_092424_TS.gcm	1-3296 - QC2-2_9242024_067.gcd	0
68	QC2-2-B	0:Unknown	ALCOHOL_092424_TS.gcm	1-3297 - QC2-2-B_9242024_068.gcd	0
69	INT STD BLK 3	0:Unknown	ALCOHOL_092424_TS.gcm	1-3298 - INT STD BLK 3_9242024_069.gcd	0
70	DFE	0:Unknown	ALCOHOL_092424_TS.gcm	1-3299 - DFE_9242024_070.gcd	0
71	INT STD BLK 4	0:Unknown	ALCOHOL_092424_TS.gcm	1-3300 - INT STD BLK 4_9242024_071.gcd	0