APPROVED
By John Garner at 3:14 pm, Aug 13, 2019

8/8/2019

Worklist: 3597

LAB_CASE	ITEM	TASK_ID	DESCRIPTION
P2019-2362	1	159145	Alcohol Analysis
P2019-2371	1	159194	Alcohol Analysis

Also ran (re-ran)

P2019-2350 listed on Worklist 3592

P2019-2288 " " "

P2019-2235 " " "

~~P2019-1918~~ " " " RC

Re-running again.

C:\inetpub\wwwroot\LIMS\reports\MSSQL\WORKLIST RPT

Quantitative Analysis for Ethanol & Qualitative Analysis for Other Volatiles

Analytical Method(s): 1.0

Device: Hamilton MICROLAB Liquid Processor/Dilutor Serial Number: MD96JF1032

Volatiles Quality Assurance Controls **Run Date(s):** ~~08/09/19~~ RC 8/12/19 run date

Calibration Curve Run Date: ~~08/12/19~~ RC 8/6/19 cal curve

Control level	Expiration	Lot #	Target Value	Acceptable Range	Overall Results
Level 1	Jan-22	1801036	0.0812	0.0731-0.0893	0.0773 g/100cc
					g/100cc
					g/100cc
Level 2	Mar-22	1803028	0.2035	0.1832-0.2238	0.2037 g/100cc
					g/100cc
					g/100cc

Multi-Component mixture:		Lot #	11918	
Curve Fit:	Column 1	0.99997	Column2	0.99995

Ethanol Calibration Reference Material

Calibrator level	Target Value	Acceptable Range	Column 1	Column 2	Precision	Mean
50	0.050	0.045 - 0.055	0.0520	0.0491	0.0029	0.0505
100	0.100	0.090 - 0.110	0.1040	0.1000	0.004	0.102
200	0.200	0.180 - 0.220	0.2005	0.1965	0.004	0.1985
300	0.300	0.270 - 0.330	0.2981	0.2967	0.0014	0.2974
500	0.500	0.450 - 0.550	0.4999	0.5035	0.0036	0.5017

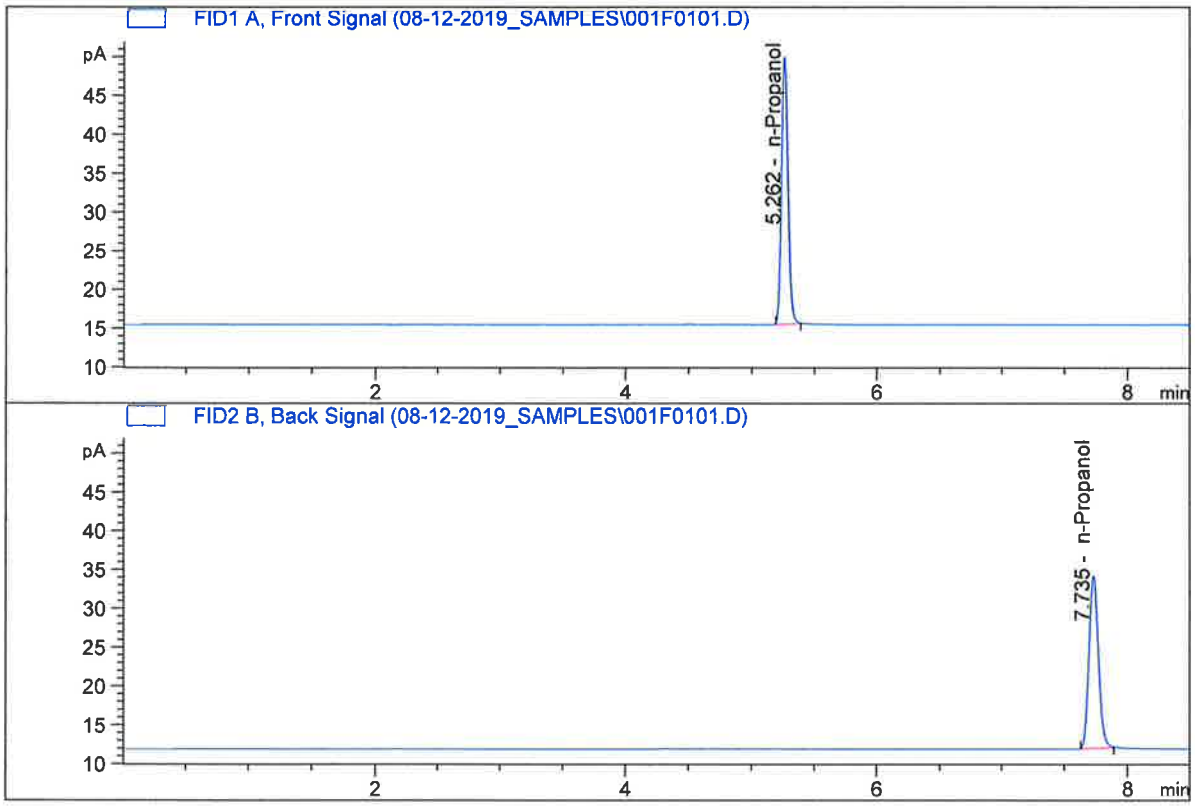
Aqueous Controls

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

Revision: 1
Issue Date: 01/03/2019
Issuing Authority: Quality Manager

ISP Forensic Services Blood Alcohol Report

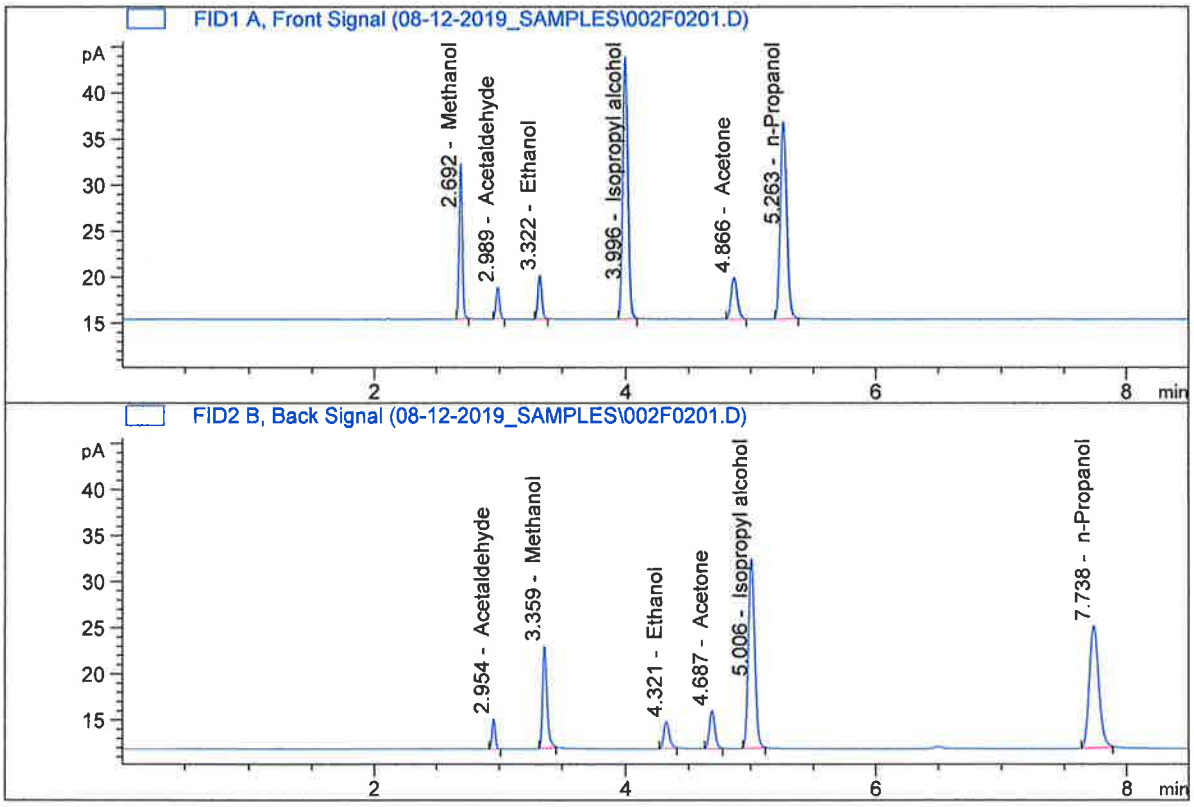
Sample Name : INTERNAL STD BLK
Laboratory : Pocatello
Injection Date : Aug 12, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	123.07958	1.0000	g/100cc
4.	n-Propanol	Column 2:	116.51728	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

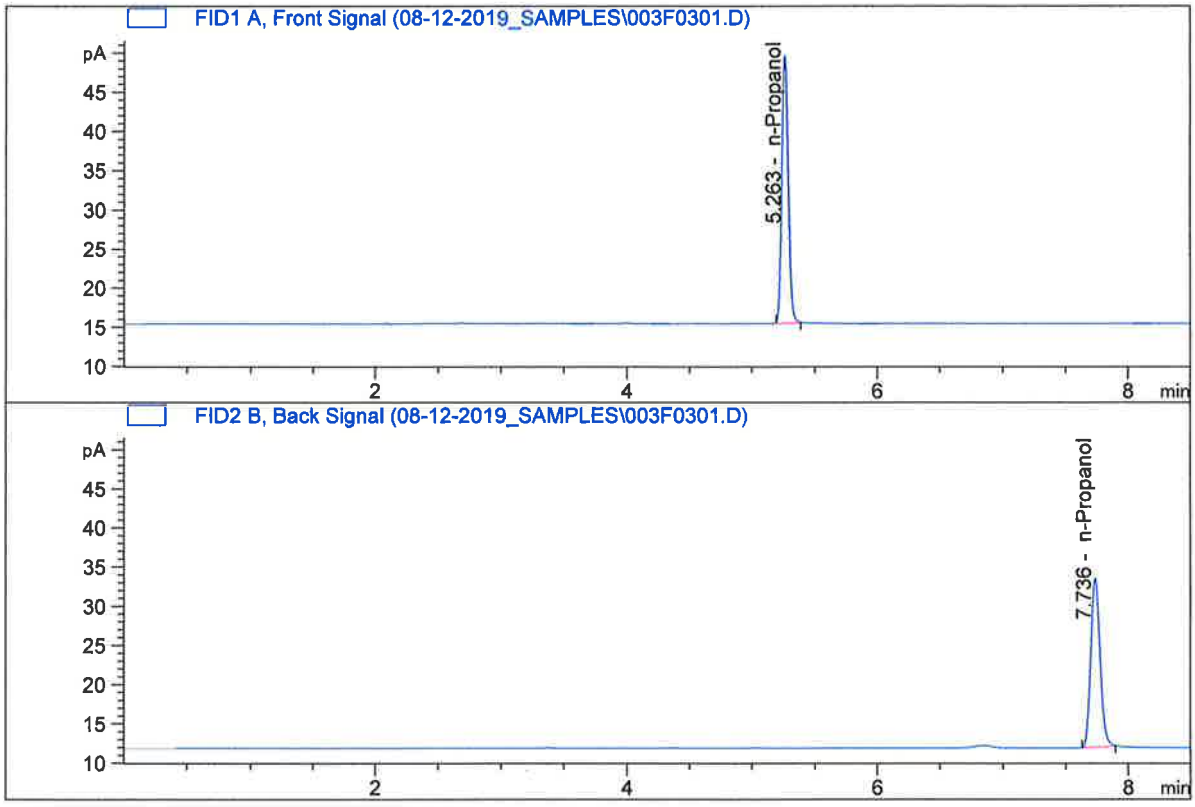
Sample Name : MULTI-COMP MIX
Laboratory : Pocatello
Injection Date : Aug 12, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	10.41283	0.0687	g/100cc
2.	Ethanol	Column 2:	8.86531	0.0636	g/100cc
3.	n-Propanol	Column 1:	76.30683	1.0000	g/100cc
4.	n-Propanol	Column 2:	70.09660	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INTERNAL STD
Laboratory : Pocatello
Injection Date : Aug 12, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	121.04758	1.0000	g/100cc
4.	n-Propanol	Column 2:	113.46428	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC1-1 **Analysis Date(s): 12 Aug 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0799	0.0743	0.0056	0.0771	0.0773	
(g/100cc)	0.0802	0.0749	0.0053	0.0775		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m
Hamilton Auto-Dilutor Serial Number: MD96JF1032

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

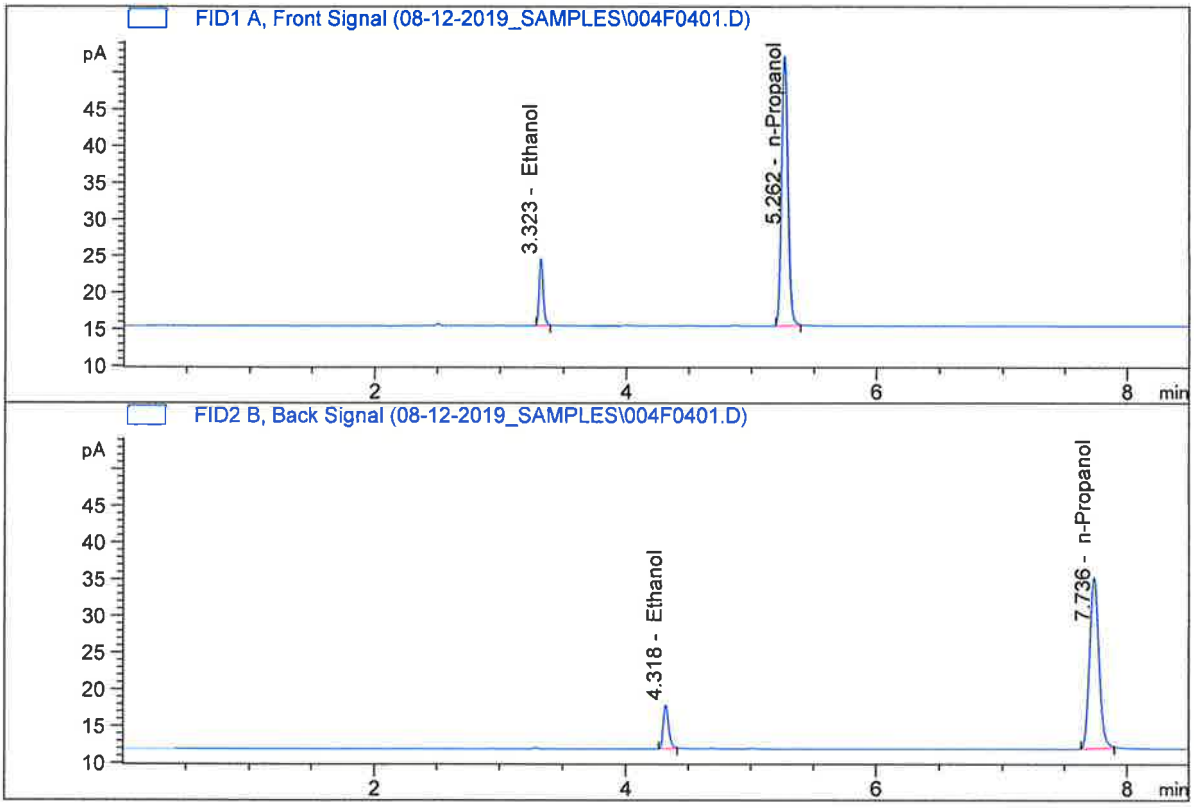
Overall Mean (g/100cc)	Low	High	5% of Mean
0.077	**0.073**	**0.081**	**0.004**

Reported Result
0.077

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

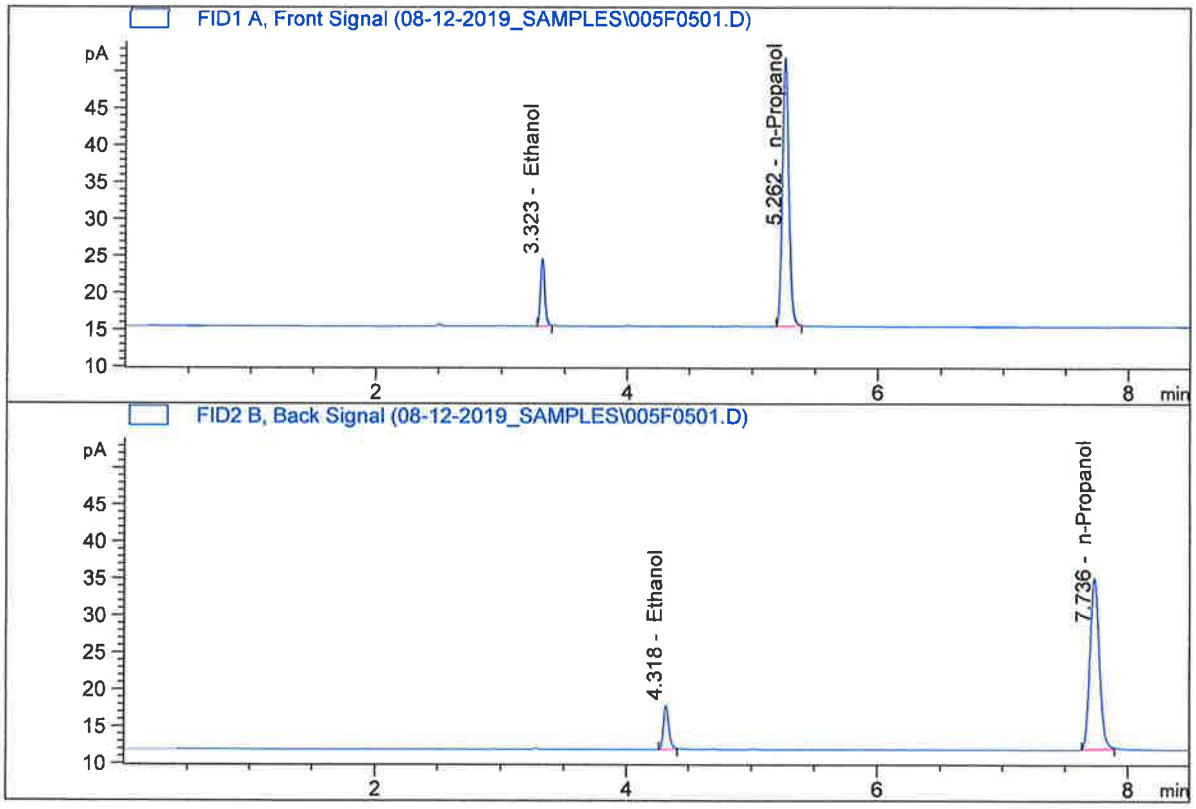
Sample Name : QC1-1-A
Laboratory : Pocatello
Injection Date : Aug 12, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	20.70559	0.0799	g/100cc
2.	Ethanol	Column 2:	18.04653	0.0743	g/100cc
3.	n-Propanol	Column 1:	130.35666	1.0000	g/100cc
4.	n-Propanol	Column 2:	122.14424	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : QC1-1-B
Laboratory : Pocatello
Injection Date : Aug 12, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	20.65175	0.0802	g/100cc
2.	Ethanol	Column 2:	18.09483	0.0749	g/100cc
3.	n-Propanol	Column 1:	129.60378	1.0000	g/100cc
4.	n-Propanol	Column 2:	121.51683	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: 08 QA **Analysis Date(s): 12 Aug 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.0788	0.0742	0.0046	0.0765	0.0768	
(g/100cc)	0.0795	0.0749	0.0046	0.0772		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m
Hamilton Auto-Dilutor Serial Number: MD96JF1032

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

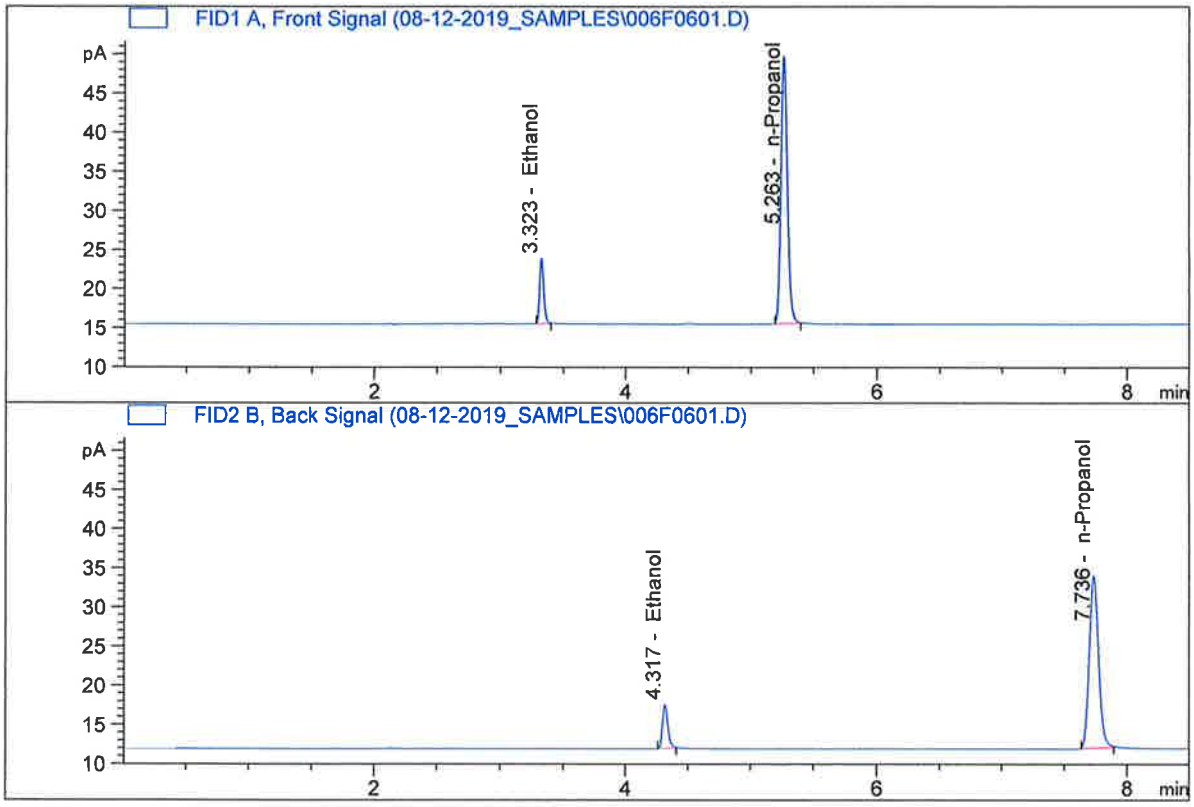
Overall Mean (g/100cc)	Low	High	5% of Mean
0.076	0.072	0.080	0.004

Reported Result
0.076

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

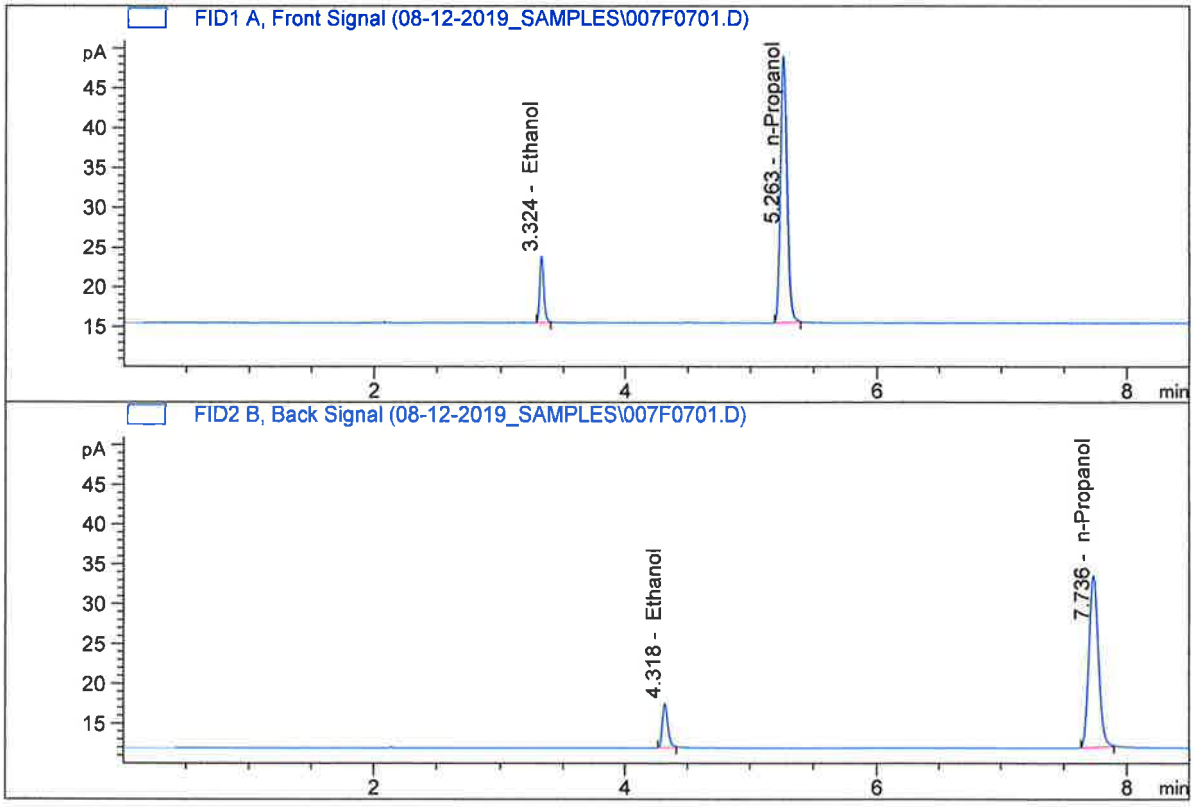
Sample Name : 08 QA-A
Laboratory : Pocatello
Injection Date : Aug 12, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	19.13823	0.0788	g/100cc
2.	Ethanol	Column 2:	17.03102	0.0742	g/100cc
3.	n-Propanol	Column 1:	122.15890	1.0000	g/100cc
4.	n-Propanol	Column 2:	115.45232	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

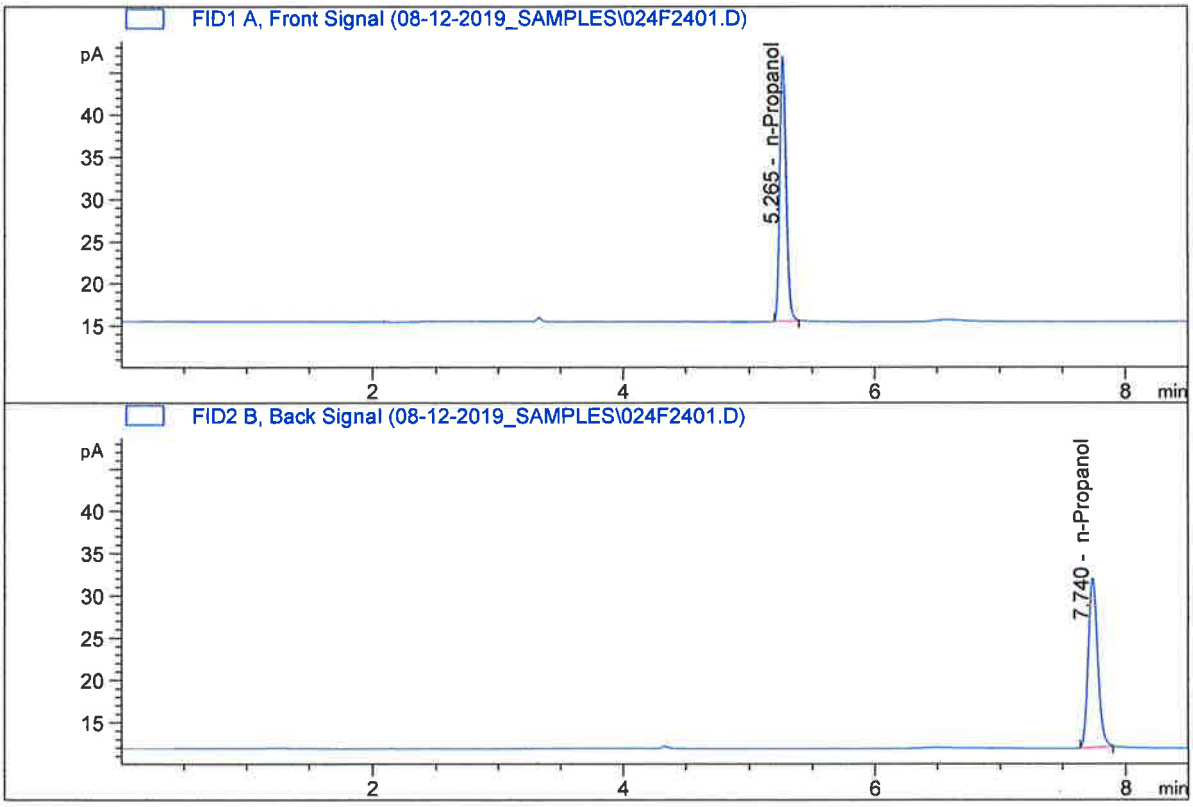
Sample Name : 08 QA-B
Laboratory : Pocatello
Injection Date : Aug 12, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	18.98158	0.0795	g/100cc
2.	Ethanol	Column 2:	16.91150	0.0749	g/100cc
3.	n-Propanol	Column 1:	120.11559	1.0000	g/100cc
4.	n-Propanol	Column 2:	113.53026	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INT STD BLK
Laboratory : Pocatello
Injection Date : Aug 12, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	111.74350	1.0000	g/100cc
4.	n-Propanol	Column 2:	105.40249	1.0000	g/100cc

VOLATILES DETERMINATION CASEFILE WORKSHEET

Laboratory No.: QC2-1 **Analysis Date(s): 12 Aug 2019**

	Column 1 FID A	Column 2 FID B	Column Precision	Mean Value	Over-all Mean	
Sample Results	0.2104	0.2045	0.0059	0.2074	0.2037	
(g/100cc)	0.2025	0.1974	0.0051	0.1999		

Analysis Method

Refer to Blood Alcohol Method #1

Instrument Information *Instrument method is stored centrally.*

Refer to Instrument Method: Alcohol.m
Hamilton Auto-Dilutor Serial Number: MD96JF1032

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

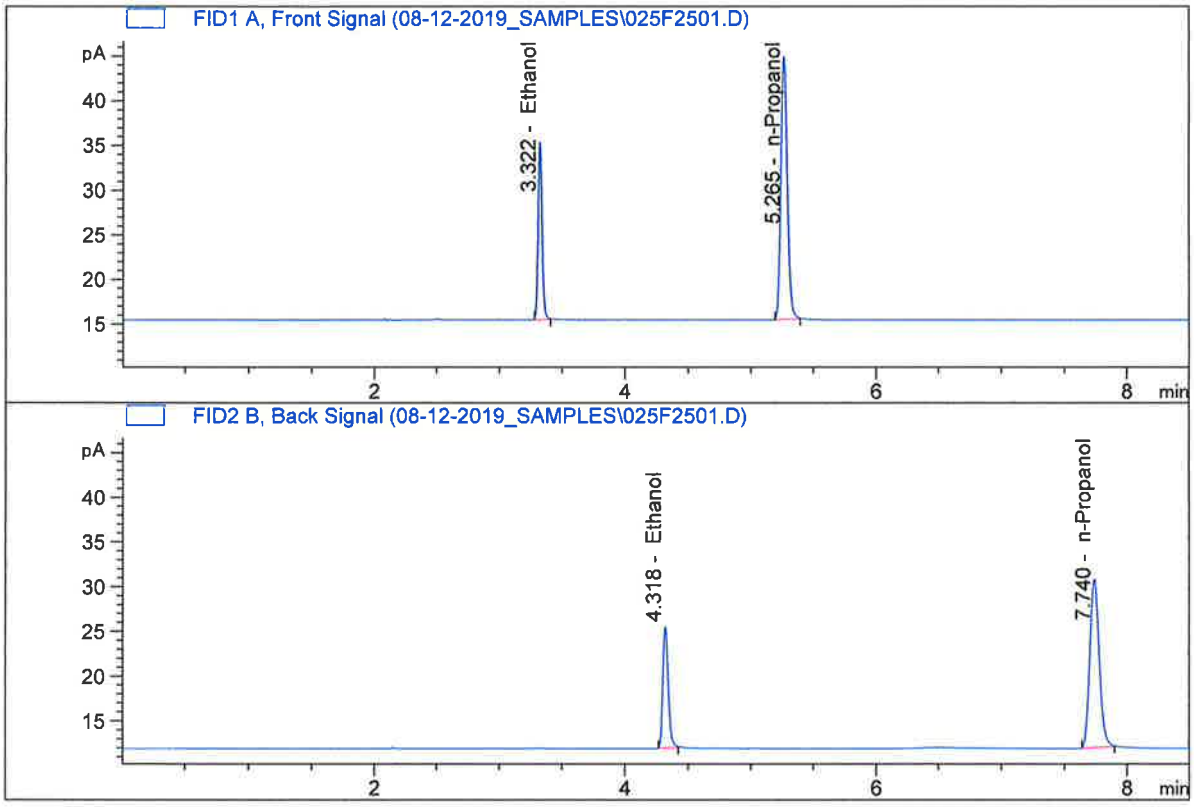
Overall Mean (g/100cc)	Low	High	5% of Mean
0.203	**0.192**	**0.214**	**0.011**

	Reported Result	
	0.203	

Calibration and control data are stored centrally.

ISP Forensic Services Blood Alcohol Report

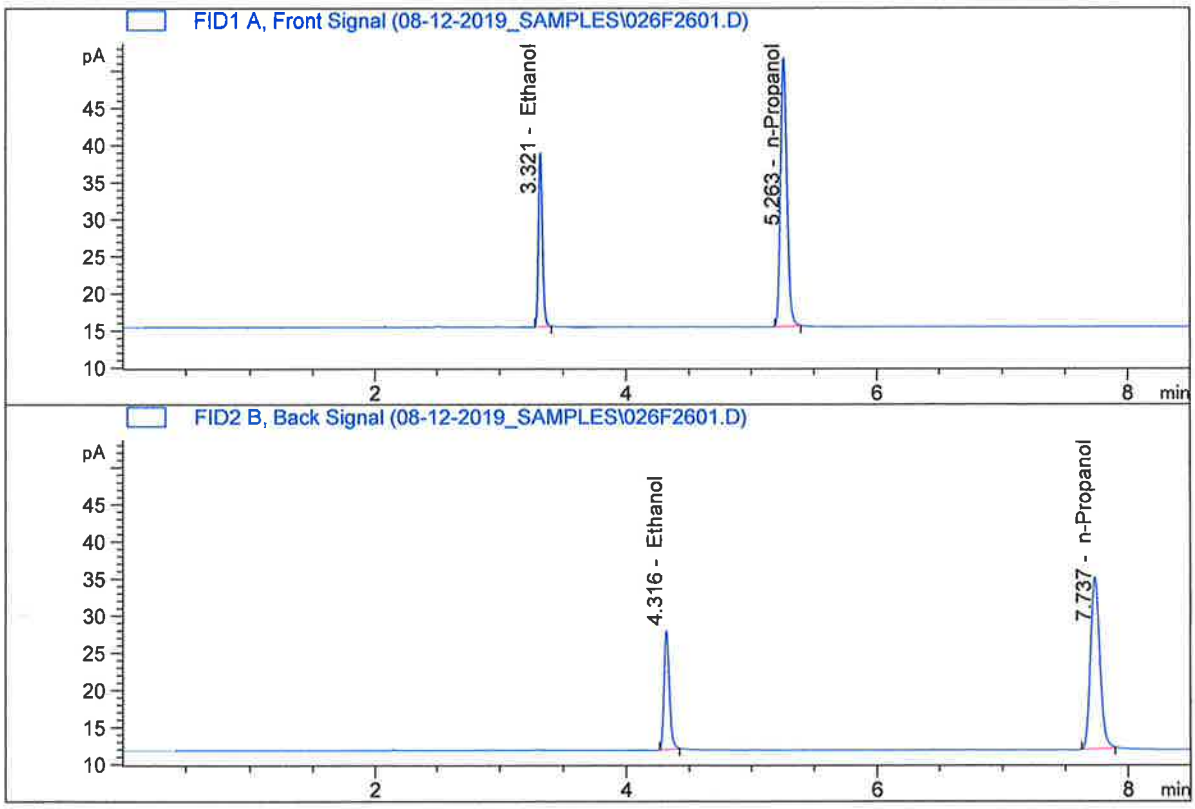
Sample Name : QC2-1-A
Laboratory : Pocatello
Injection Date : Aug 12, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	44.05546	0.2104	g/100cc
2.	Ethanol	Column 2:	40.32731	0.2045	g/100cc
3.	n-Propanol	Column 1:	105.32475	1.0000	g/100cc
4.	n-Propanol	Column 2:	99.16527	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

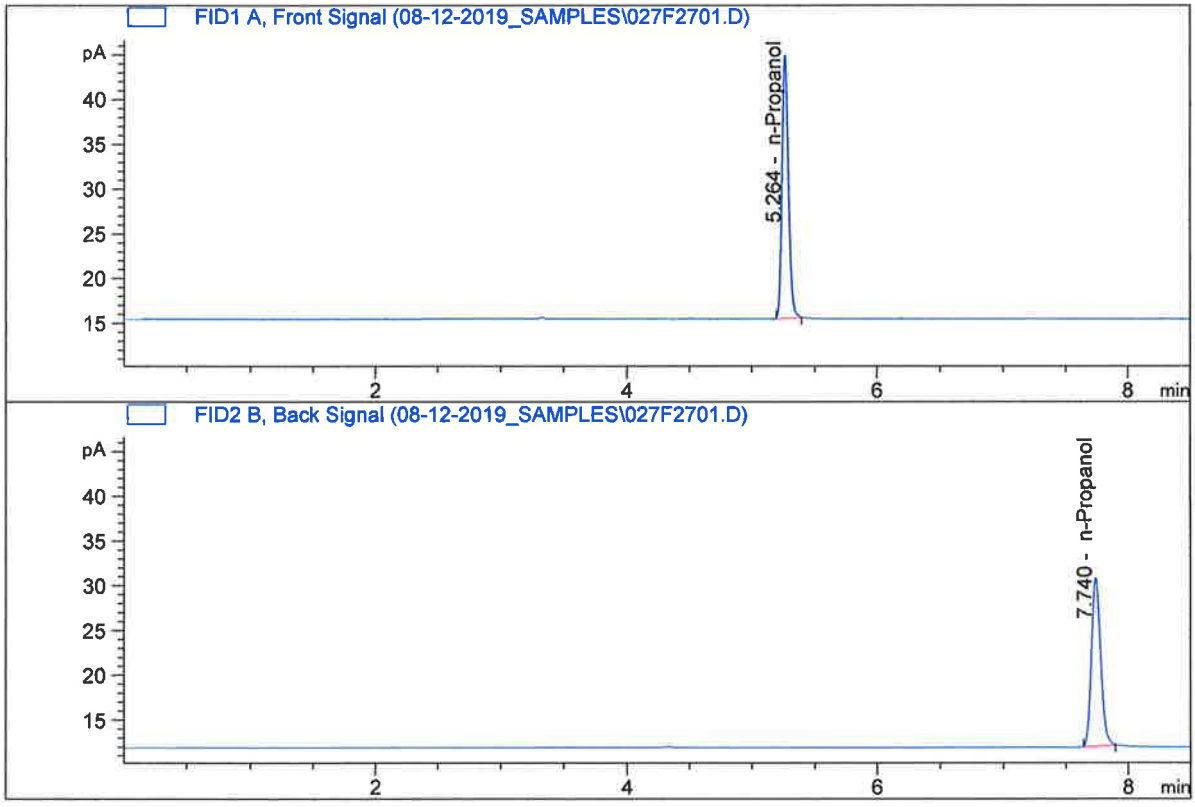
Sample Name : QC2-1-B
Laboratory : Pocatello
Injection Date : Aug 12, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	52.03617	0.2025	g/100cc
2.	Ethanol	Column 2:	47.62697	0.1974	g/100cc
3.	n-Propanol	Column 1:	129.30528	1.0000	g/100cc
4.	n-Propanol	Column 2:	121.33438	1.0000	g/100cc

ISP Forensic Services Blood Alcohol Report

Sample Name : INT STD BLK
Laboratory : Pocatello
Injection Date : Aug 12, 2019
Method : ALCOHOL.M
Acq. Instrument: CN10742043-IT00741010



#	Compound	Column	Area	Amount	Units
1.	Ethanol	Column 1:	0.00000	0.0000	g/100cc
2.	Ethanol	Column 2:	0.00000	0.0000	g/100cc
3.	n-Propanol	Column 1:	104.83524	1.0000	g/100cc
4.	n-Propanol	Column 2:	98.95356	1.0000	g/100cc

Sample Summary

Sequence table: C:\Chem32\1\TEMP\AESEQ\QS_12.08.2019_10.04.22\08-12-19_SAMPLES.S
Data directory path: C:\Chem32\1\Data\08-12-2019_SAMPLES
Logbook: C:\Chem32\1\Data\08-12-2019_SAMPLES\08-12-19_SAMPLES.LOG
Sequence start: 8/12/2019 10:18:14 AM
Sequence Operator: SYSTEM
Operator: SYSTEM

Method file name: C:\CHEM32\1\METHODS\ALCOHOL.M

Run #	Location	Inj #	Sample Name	Sample Amt [g/100cc]	Multip.* Dilution	File name	Cal #	# Cmp
1	1	1	INTERNAL STD BLK	-	1.0000	001F0101.D		2
2	2	1	MULTI-COMP MIX	-	1.0000	002F0201.D		12
3	3	1	INTERNAL STD	-	1.0000	003F0301.D		2
4	4	1	QC1-1-A	-	1.0000	004F0401.D		4
5	5	1	QC1-1-B	-	1.0000	005F0501.D		4
6	6	1	08 QA-A	-	1.0000	006F0601.D		4
7	7	1	08 QA-B	-	1.0000	007F0701.D		4
8	8	1	P2019-2235-1-A	-	1.0000	008F0801.D		6
9	9	1	P2019-2235-1-B	-	1.0000	009F0901.D		6
10	10	1	P2019-2288-1-A	-	1.0000	010F1001.D		3
11	11	1	P2019-2288-1-B	-	1.0000	011F1101.D		3
12	12	1	P2019-2350-1-A	-	1.0000	012F1201.D		6
13	13	1	P2019-2350-1-B	-	1.0000	013F1301.D		6
14	14	1	P2019-2362-1-A	-	1.0000	014F1401.D		6
15	15	1	P2019-2362-1-B	-	1.0000	015F1501.D		6
16	16	1	P2019-2371-1-A	-	1.0000	016F1601.D		6
17	17	1	P2019-2371-1-B	-	1.0000	017F1701.D		6
18	18	1	P2019-1918-3_1-A	-	1.0000	018F1801.D		4
19	19	1	P2019-1918-3_1-B	-	1.0000	019F1901.D		4
20	20	1	P2019-1918-3_2-A	-	1.0000	020F2001.D		4
21	21	1	P2019-1918-3_2-B	-	1.0000	021F2101.D		4
22	22	1	P2019-1918-3_3-A	-	1.0000	022F2201.D		4
23	23	1	P2019-1918-3_3-B	-	1.0000	023F2301.D		4
24	24	1	INT STD BLK	-	1.0000	024F2401.D		2
25	25	1	QC2-1-A	-	1.0000	025F2501.D		4
26	26	1	QC2-1-B	-	1.0000	026F2601.D		4
27	27	1	INT STD BLK	-	1.0000	027F2701.D		2