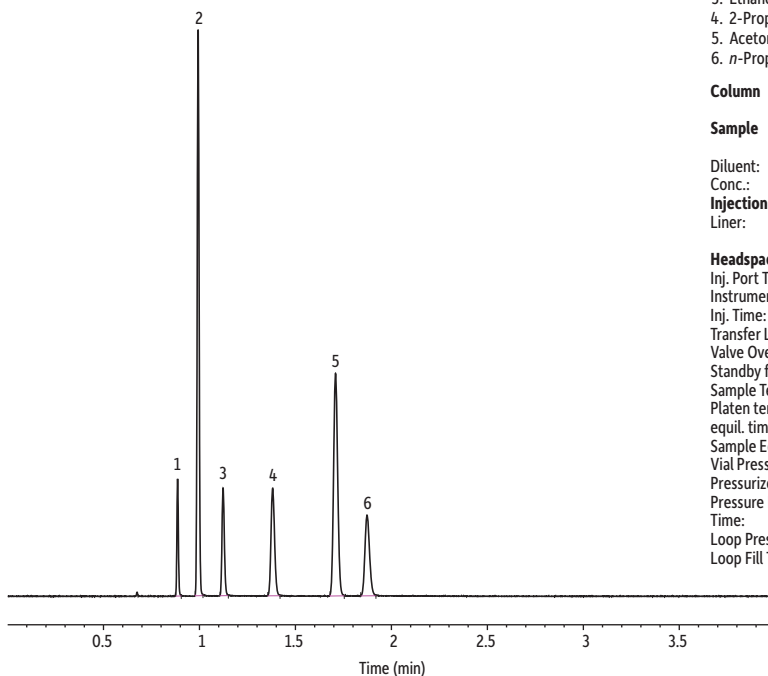


BAC Resolution Control Standard *n*-Propanol on Rtx-BAC1



Peaks	tx (min)	Conc. (µg/mL)
1. Methanol	0.886	200
2. Acetaldehyde	0.993	200
3. Ethanol	1.123	200
4. 2-Propanol	1.381	200
5. Acetone	1.709	200
6. <i>n</i> -Propanol (IS)	1.873	200

Column Rtx-BAC1, 30 m, 0.32 mm ID, 1.8 µm (cat.# 18003)
Sample BAC resolution control standard n-P (cat.# 36010)
Diluent: Water
Conc.: 200 µg/mL
Injection headspace-loop split (split ratio 50:1)
Liner: Topaz 1.0 mm ID straight inlet liner (cat.# 23333)

Headspace-Loop
Inj. Port Temp.: 220 °C
Instrument: Tekmar HT3
Inj. Time: 0.5 min
Transfer Line Temp.: 200 °C
Valve Oven Temp.: 200 °C
Standby flow rate: 100 mL/min
Sample Temp.: 60 °C
Platen temp
equil. time: 60 min
Sample Equil. Time: 5 min
Vial Pressure: 30 psi
Pressurize Time: 2 min
Pressure Equilibration Time: 0.2 min
Loop Pressure: 20 psi
Loop Fill Time: 1 min

Oven
Oven Temp.: 40 °C (hold 4 min)
Carrier Gas He, constant flow
Linear Velocity: 80 cm/sec
Detector FID @ 240 °C
Make-up Gas
Flow Rate: 45 mL/min
Make-up Gas Type: N₂
Hydrogen flow: 40 mL/min
Air flow: 400 mL/min
Data Rate: 50 Hz
Instrument Agilent 7890A GC

GC_CF1172



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