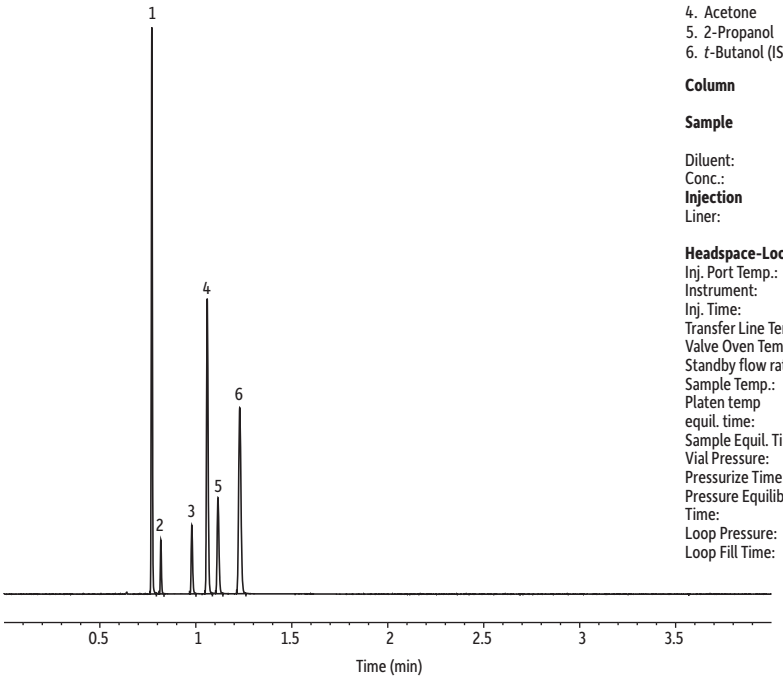
BAC Resolution Control Standard *t*-Butanol on Rtx-BAC Plus 2



Peaks	t_R (min)	Conc. (µg/mL)
1. Acetaldehyde	0.771	200
2. Methanol	0.818	200
3. Ethanol	0.979	200
4. Acetone	1.060	200
5. 2-Propanol	1.116	200
6. *t*-Butanol (IS)	1.229	200

Column	Rtx-BAC Plus 2, 30 m, 0.32 mm ID, 0.6 µm (cat.# 18006)
Sample	BAC resolution control standard t-B (cat.# 36011)
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:	1 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:	N_2
Hydrogen flow:	40 mL/min
Air flow:	400 mL/min
Data Rate:	50 Hz
Instrument	Agilent 7890A GC

GC_CF1176

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