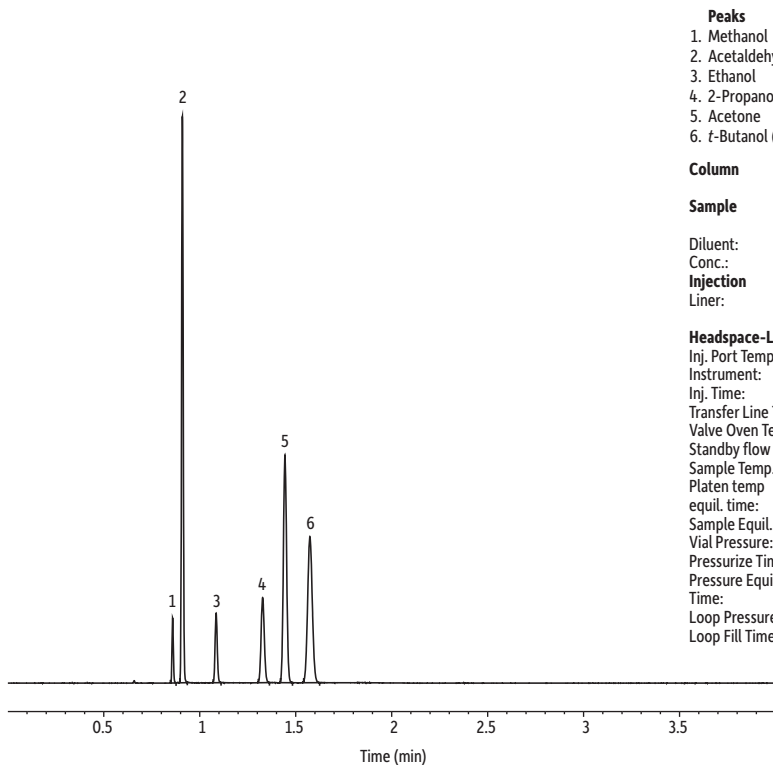


BAC Resolution Control Standard *t*-Butanol on Rtx-BAC Plus1



Peaks	t_R (min)	Conc. ($\mu\text{g/mL}$)
1. Methanol	0.859	200
2. Acetaldehyde	0.910	200
3. Ethanol	1.085	200
4. 2-Propanol	1.328	200
5. Acetone	1.444	200
6. <i>t</i> -Butanol (IS)	1.574	200

Column	Rtx-BAC Plus 1, 30 m, 0.32 mm ID, 1.8 μm (cat.# 18004)	Oven	Oven Temp.: 40 °C (hold 4 min)
Sample	BAC resolution control standard t-B (cat.# 36011)	Carrier Gas	He, constant flow
Diluent:	Water	Linear Velocity:	80 cm/sec
Conc.:	200 $\mu\text{g/mL}$	Detector	FID @ 240 °C
Injection	headspace-loop split (split ratio 50:1)	Make-up Gas	
Liner:	Topaz 1.0 mm ID straight inlet liner (cat.# 23333)	Flow Rate:	45 mL/min
Headspace-Loop		Make-up Gas Type:	N ₂
Inj. Port Temp.:	220 °C	Hydrogen flow:	40 mL/min
Instrument:	Tekmar HT3	Air flow:	400 mL/min
Inj. Time:	0.5 min	Data Rate:	50 Hz
Transfer Line Temp.:	200 °C	Instrument	Agilent 7890A GC
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		

GC_CF1178



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