Aromatic hydrocarbons, C$_6$ – C$_8$
Analysis of organic compounds in air

Application Note

Environmental

Authors
Agilent Technologies, Inc.

Introduction
Gas chromatography with an Agilent CP-Sil 8 CB and an Agilent 490 Micro GC separates organic components in air in 150 seconds.
**Conditions**

Technique: Micro-GC  
Column: Agilent CP-Sil 8 CB  
Temperature: 160 °C  
Carrier Gas: Helium  
Injector: Loop  
Detector: chip-TCD

**Peak identification**

1. butanol-1  50 ppm  
2. toluene  50 ppm  
3. m- + p-xylene  50 ppm  
4. o-xylene  50 ppm