

## Aromatics - NIOSH Methods 1501 & 2005

**Column:** DB-1  
30 m x 0.32 mm I.D., 3.0  $\mu$ m  
**J&W P/N:** 123-1034  
**Carrier:** Helium at 35 cm/sec, measured at 40°C  
**Oven:** 40°C for 5 min  
40-220°C at 10°/min  
**Injector:** Split 1:100, 250°C  
1  $\mu$ L of 5  $\mu$ g/ $\mu$ L standard in CS<sub>2</sub>  
**Detector:** FID, 300°C  
Nitrogen makeup gas at 30 mL/min

1. Benzene
2. Toluene
3. Ethylbenzene
4. *p*-Xylene
5. *m*-Xylene
6. Cumene
7. *o*-Xylene
8. Styrene
9.  $\alpha$ -Methylstyrene
10. *p*-tert-Butyltoluene
11. Vinyltoluene
12. Nitrobenzene
13. Naphthalene
14. *o*-Nitrotoluene
15. *m*-Nitrotoluene
16. *p*-Nitrotoluene
17. *p*-Nitrochlorobenzene

