

Aromatic Solvents

Column: DB-200

30 m x 0.25 mm I.D., 0.25 µm

J&W P/N: 122-2032

Carrier: Helium at 31 cm/sec

Oven: 50°C for 5 min

50-160°C at 10°/min

Injector: Split 1:100, 250°C

0.5 µL of 0.5 µg/µL

standard in hexane

Detector: FID, 300°C

Nitrogen

makeup gas at 30 mL/min

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|-----------------------------|-------------------------------|
| 1. Benzene | 13. 4-Chlorotoluene |
| 2. Toluene | 14. <i>tert</i> -Butylbenzene |
| 3. Ethylbenzene | 15. <i>sec</i> -Butylbenzene |
| 4. Chlorobenzene | 16. Isobutylbenzene |
| 5. <i>p</i> -Xylene | 17. 1,3-Dichlorobenzene |
| 6. <i>m</i> -Xylene | 18. 1,4-Dichlorobenzene |
| 7. <i>o</i> -Xylene | 19. <i>n</i> -Butylbenzene |
| 8. Styrene | 20. 1,2-Dichlorobenzene |
| 9. Isopropylbenzene | 21. 1,3-Diisopropylbenzene |
| 10. <i>n</i> -Propylbenzene | 22. 1,4-Diisopropylbenzene |
| 11. 2-Chlorotoluene | 23. 2-Nitrotoluene |
| 12. 3-Chlorotoluene | 24. 3-Nitrotoluene |
| | 25. 4-Nitrotoluene |

