

Date of Analysis: 08 May 2009

Supplier: Sigma-Aldrich
Lot No.: 17129EA
MW: 104.15 g/mol

| Peak Identity | Retention Time (min) | Purity (% Total Area) ^a |
|---------------|----------------------|------------------------------------|
| Styrene | 6.68 | 100.00 |

GC/MS Instrument Parameters:

| | |
|-------------------------|--|
| Instrument / Ionization | Gas Chromatograph with Mass Spectrometer / Electron Impact |
| Solvent | Acetone (~ 1 mg/mL) |
| Column | J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25-µm film thickness |
| Carrier Gas | Helium at 1.1 mL/min |
| Oven Program | 35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 7 min |
| Source Temperature | 230°C |
| Auxiliary Temperature | 250°C |
| Scan Range | 25 – 500 amu |
| Injector Temperature | 250°C |
| Injection Volume / Mode | 1 µL / Split (87.1:1) |
| Run Time | 36.5 minutes |
| Data Analysis Software | MSD Chemstation ver D.03.00.SP1; NIST Library ver 2.0f, build 10/28/2008 |

