

### Chemical Information:

Name: p-Bromoaniline  
CAS No.: 106-40-1  
Tox21\_ID No.: Tox21\_202459  
NTP\_CID No.: 1154

Supplier: Sigma-Aldrich  
Lot No.: 1173450  
MW: 172.02 g/mol

Date of Analysis: 24 October 2007

### Purity and Identity Results:

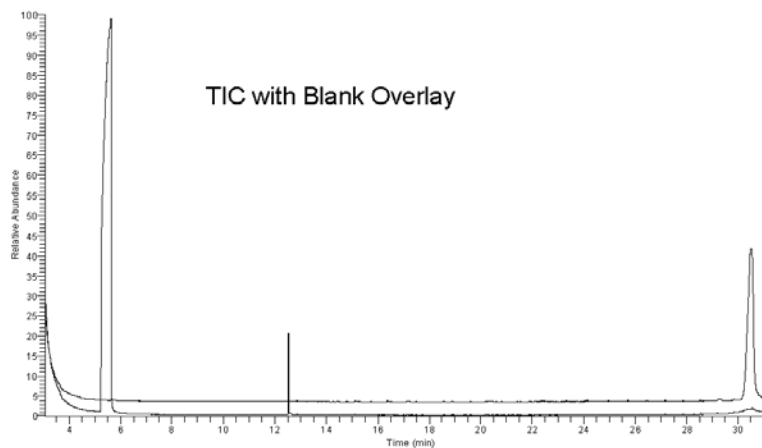
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
DMSO	5.62	Not applicable
p-Bromoaniline	12.52	99.90

<sup>a</sup> Peaks comprising  $\geq 0.5\%$  of total area.

### GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph / Mass Spectrometer / Electron Impact
Solvent	Dichloromethane (100 mM in DMSO, diluted 1/1000 with dichloromethane)
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- $\mu$ m film thickness
Carrier Gas	Helium at 1.0 mL/min
Oven Program	35°C, hold 2 min; ramp @ 10°C/min to 310°C, hold 2 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	35 – 250 amu
Injector Temperature	250°C
Injection Volume / Mode	2 $\mu$ L / Splitless
Run Time	31.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999

RT: 3.05 - 31.51 SM: 30



0124168 #2492 RT: 12.52 AU: 1 NL 1.5466  
T: 10.01 - 1.01 200.00 Full MS (25.00-250.00)

