

Chemical Information:

Name: o-Aminophenol
CAS No.: 95-55-6
Tox21_ID No.: Tox21_200932
NTP_CID No.: 1088

Supplier: Sigma-Aldrich
Lot No.: 13928HA
MW: 109.13 g/mol

Date of Analysis: 20 January 2009

Purity and Identity Results:

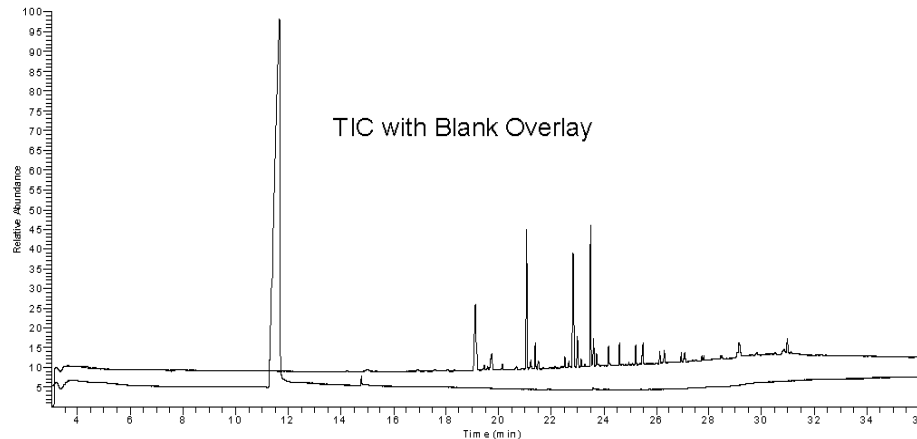
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
o-Aminophenol	11.68	99.56

^a Peaks comprising $\geq 0.5\%$ of total area.

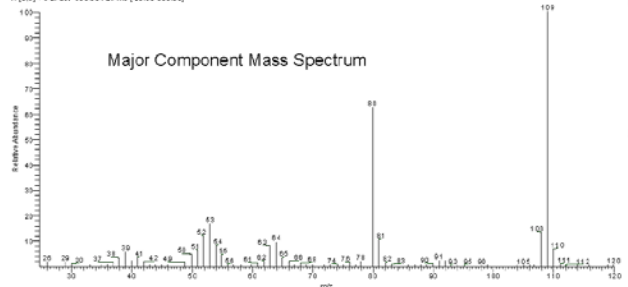
GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Dichloromethane
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- μ 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 7 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	25 – 350 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Split (10:1)
Run Time	36.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0, build 7/23/2008

RT: 3.01 - 36.50 SM: 3 G



06A23710.M0901 RT: 11.28 AU: 1 SB: 2 11.24 11.77 HL 29205
7 (0.8) x 4.0 64W160.00 Full MS (35.00-150.00)



NIST Reference Mass Spectrum

