

Chemical Information:

Name: o-Nitrosotoluene
CAS No.: 611-23-4
Tox21_ID No.: Tox21_200917
NTP_CID No.: 4606

Supplier: Sigma-Aldrich
Lot No.: 11016CH
MW: 121.14 g/mol

Date of Analysis: 06 August 2009

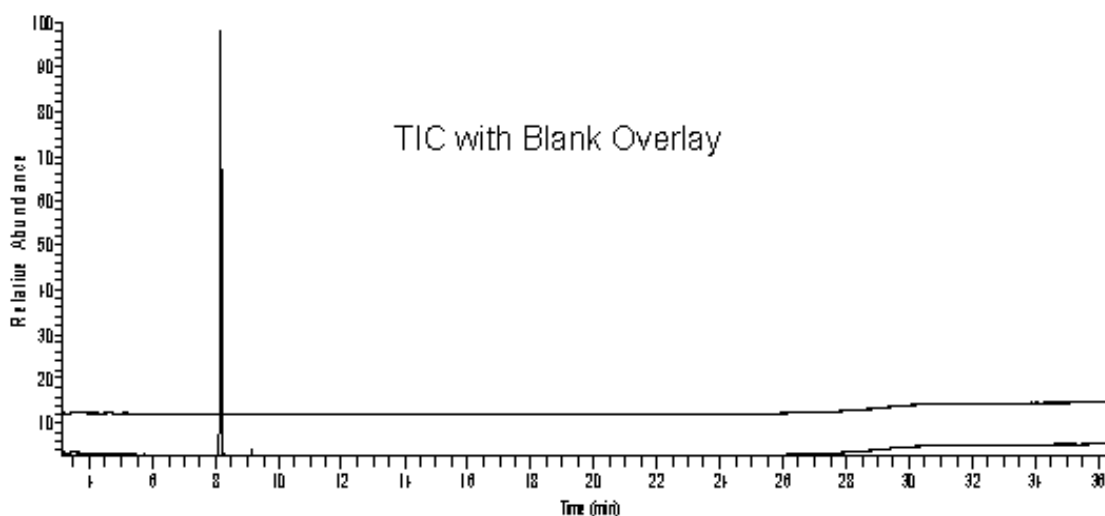
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
o-Nitrosotoluene	8.16	99.00
unknown	9.16	1.00

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

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Ethanol (~ 1 mg/mL)
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 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Split (100:1)
Data Analysis Software	Xcalibur, ver 1.2 and NIST Library ver 2.0f, build 10/08/2008



06/08/09 09:06 RT: 8.13 AU: 1 SB: 2.005, 0.21 NL: 1.366
T: 0.00 + c El: 0.00 Full MS (25.00-500.00)

