

### Chemical Information:

Name:	3-Bromobenzaldehyde		
CAS No.:	3132-99-8	Supplier:	Sigma-Aldrich
Tox21_ID No.:	Tox21_200948	Lot No.:	04312DC
NTP_CID No.:	324	MW:	185.02 g/mol

Date of Analysis: 10 March 2009

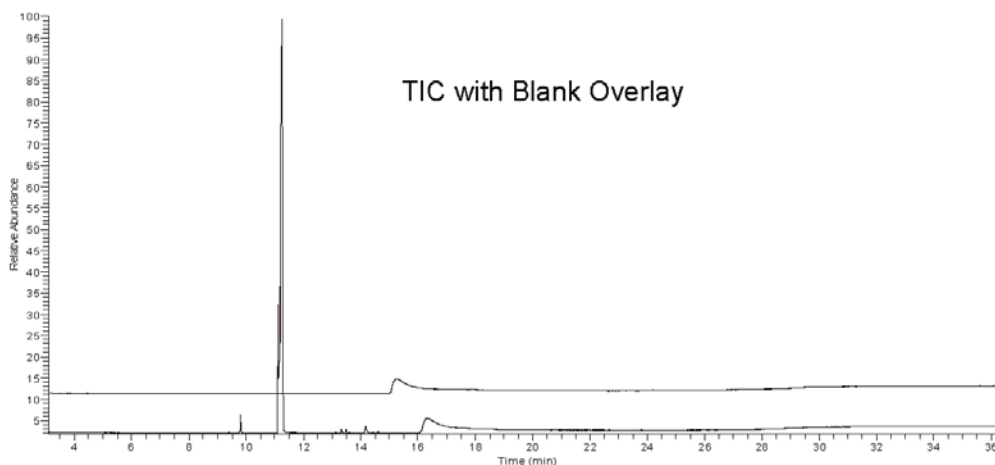
### Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
unknown	9.79	1.27
3-Bromobenzaldehyde	11.27	97.59

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

**GC/MS Instrument Parameters:**

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Methanol (~ 2 mg/mL)
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25-µm film thickness
Carrier Gas	Helium at 1.0 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 µL / 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



09:1005#971 RT: 11.09 Av: 1 DB: 2 11.07, 11.33 NL: 2.1425  
T: (P) = c 0.01 dist=350.00 Full ms [25.00-350.00]

