

Chemical Information:

Name: 1,1,1-Trichloroethane
CAS No.: 71-55-6
Tox21_ID No.: Tox21_203122
NTP_CID No.: 7

Date of Analysis: 25 March 2010

Supplier: Sigma-Aldrich
Lot No.: 1353694
MW: 133.40 g/mol

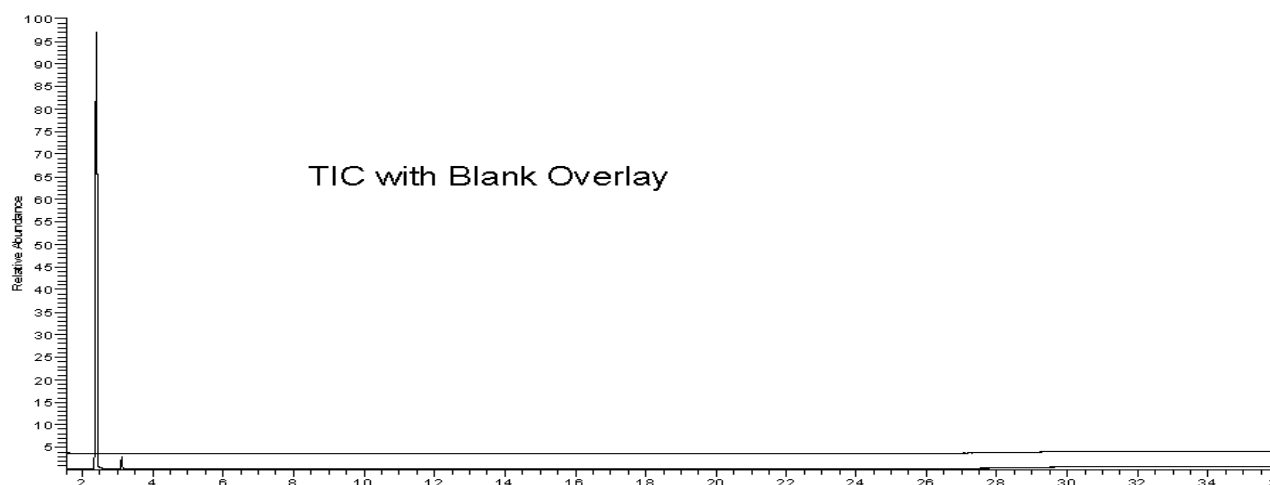
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
1,1,1-Trichloroethane	2.41	99.39
unknown	3.09	0.61

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

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Not applicable
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 (420:1)
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0f, build 10/08/2008



10/05/09 #000 RT: 2.32 AU: 1.00 B 2.20/2.05 NL: 1.01E6
T: (0.0) = 0.01 (0.000000) Full MS (25.00-500.00)

