

Chemical Information:

Name: 1,6-Diisocyanatohexane
CAS No.: 822-06-0 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_202206 Lot No.: 1129672
NTP_CID No.: 2192 MW: 168.19 g/mol

Date of Analysis: 14 June 2016

Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area)
1,6-Diisocyanatohexane	26.40	Not determined ^a

^a Component observed and identified; however, response was insufficient to determine impurities.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Acetone
Column	Rtx-5 MS, 30 m x 0.25 mm ID, 1- μ m film thickness
Carrier Gas	Helium at 2.0 mL/min
Oven Program	50°C, hold 0 min; ramp @ 5°C/min to 315°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	40 – 550 amu
Injector Temperature	250°C
Injection Volume / Mode	1 μ L / Split (100:1)
Data Analysis Software	MSD ChemStation, ver F.01.01.2317, NIST Library ver 2.2f, build Dec 2014

