

Chemical Information:

Name: 2,4-Dichloronitrobenzene
CAS No.: 611-06-3 Supplier: Sigma-Aldrich
Tox21_ID No.: Tox21_200204 Lot No.: 06822BD
NTP_CID No.: 165 MW: 192.00 g/mol

Date of Analysis: 4 Apr 2007

Purity and Identity Results:

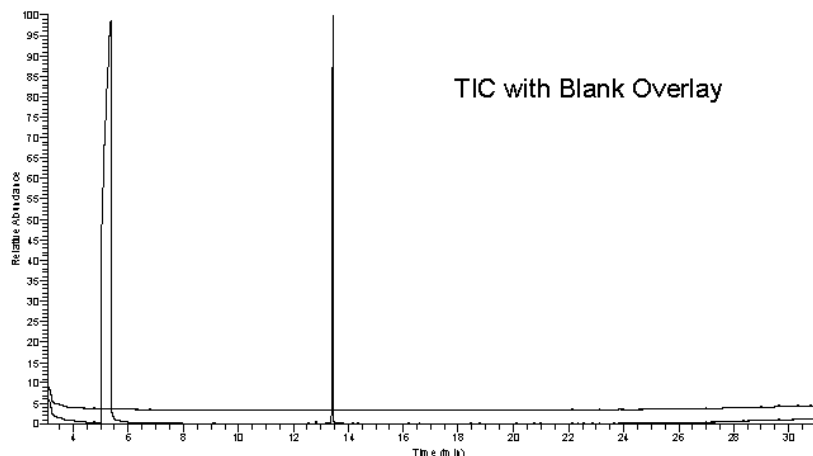
| Peak Identity | Retention Time (min) | Purity (% Total Area) ^a |
|--------------------------|----------------------|------------------------------------|
| DMSO | 5.35 | Not applicable |
| 2,4-Dichloronitrobenzene | 13.42 | 99.18 |

^a Peaks comprising ≥ 0.5% of total area.

GC/MS Instrument Parameters:

| | |
|-------------------------|---|
| Instrument / Ionization | ThermoFinnigan TraceGC with ThermoFinnigan TraceMS / Electron Impact |
| Solvent | Dichloromethane (100 mM in DMSO, diluted 1/1000 with dichloromethane) |
| 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 2 min |
| Source Temperature | 250°C |
| Auxiliary Temperature | 250°C |
| Scan Range | 50 – 250 amu |
| Injector Temperature | 250°C |
| Injection Volume / Mode | 2 μL / Splitless |
| Run Time | 31.5 minutes |
| Data Analysis Software | Xcalibur, v 1.2 and NIST Library v 1.7, build 11/5/1999 |

RT: 3.05 - 31.50 SM: 3G



014121#1250 RT: 13.42 MS: 1.21365
T: 0.01 + 0.014121#1250.F (50.00-250.00)

