

Chemical Information:

Name: 2-Chloronaphthalene

Date of Analysis: 5 Apr 2007

CAS No.: 91-58-7

Supplier: Supelco

Tox21_ID No.: Tox21_200981

Lot No.: LB29089

NTP_CID No.: 234

MW: 162.62 g/mol

Purity and Identity Results:

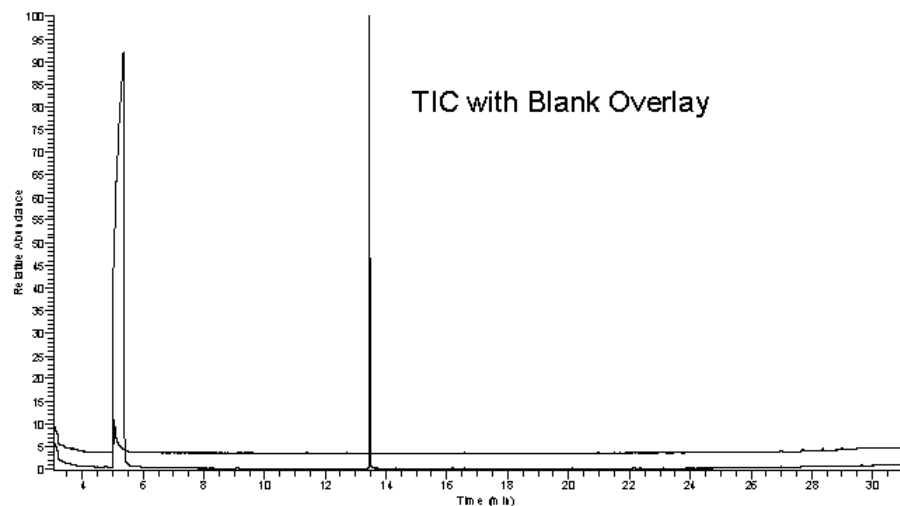
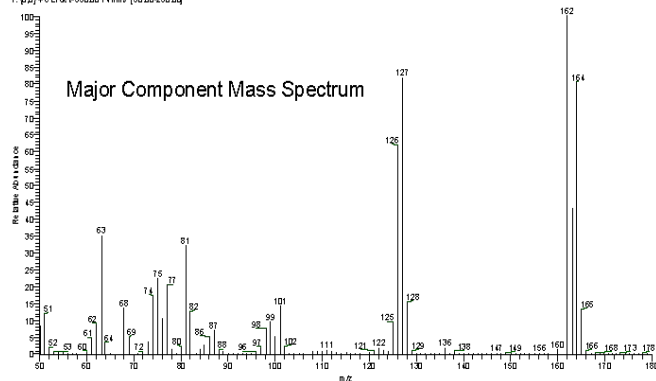
| Peak Identity | Retention Time (min) | Purity (% Total Area) ^a |
|---------------------|----------------------|------------------------------------|
| DMSO | 5.36 | Not applicable |
| 2-Chloronaphthalene | 13.46 | 99.83 |

^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 SIM: 3G


07-05-09 12:55 RT: 13.46 AC: 1 NL: 4.2605
T: 0.01 v: 0.01-30000 File: 07-05-09.DQ


NIST Reference Mass Spectrum

