

**Chemical Information:**

Name: N-Butylbenzenesulfonamide  
 CAS No.: 3622-84-2 Supplier: Sigma Aldrich  
 Tox21\_ID No.: Tox21\_201692 Lot No.: 08908LE  
 NTP\_CID No.: 3053 MW: 213.30 g/mol

Date of Analysis: 04 October 2016

**Purity and Identity Results:**

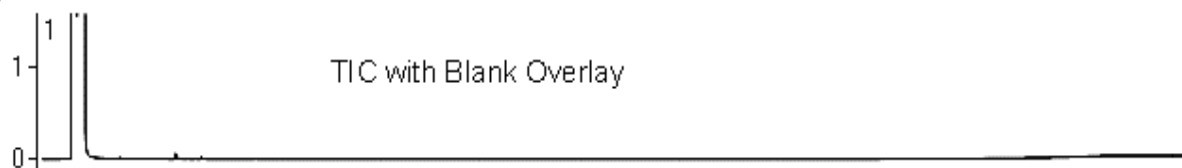
Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
Acetone	2.00	Not applicable
N-Butylbenzenesulfonamide	35.12	99.73

<sup>a</sup> Peaks comprising ≥ 0.5% of total area.

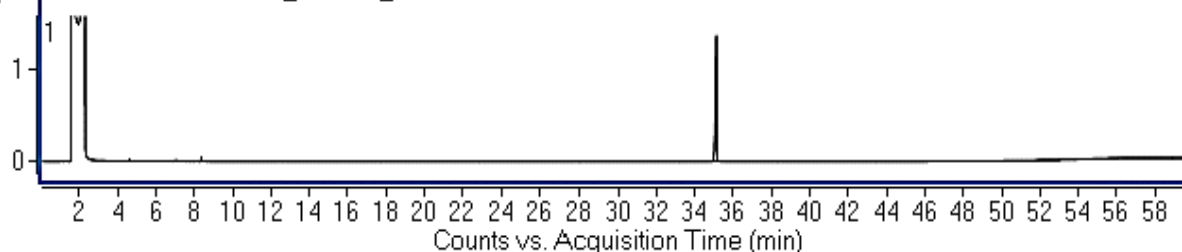
**GC/MS Instrument Parameters:**

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Acetone (~ 400 µg/mL)
Column	Restek Rtx-5MS with Integra-Guard, 30 m x 0.25 mm ID, 1-µm film thickness
Carrier Gas	Helium at 1.5 mL/min
Oven Program	50°C, hold 2 min; ramp @ 5°C/min to 315°C, hold 5 min
Source Temperature	230°C
Auxiliary Temperature	250°C
Scan Range	40 – 475 amu
Injector Temperature	250°C
Injection Volume / Mode	1 µL / Splitless
Data Analysis Software	MassHunter GC/MS Acquisition B.07.02.1938 / MassHunter Qualitative Analysis B.07.00 Build 7.0.7024.0 / NIST Library Version 2.2 Build 2014

x10<sup>7</sup> + TIC Scan 20161004\_MSD11\_003.D



x10<sup>7</sup> + TIC Scan 20161004\_MSD11\_027.D



x10<sup>6</sup> Benzenesulfonamide, N-butyl- + Scan (rt 34.941-35.238 min, 60 scans) 20161004\_MSD11\_027.D

