

Chemical Information:

Name: Resorcinol
CAS No.: 108-46-3
Tox21_ID No.: Tox21_202417
NTP_CID No.: 1254

Supplier: Sigma
Lot No.: 055H2662
MW: 100.1 g/mol

Date of Analysis: 01 November 2016

Purity and Identity Results:

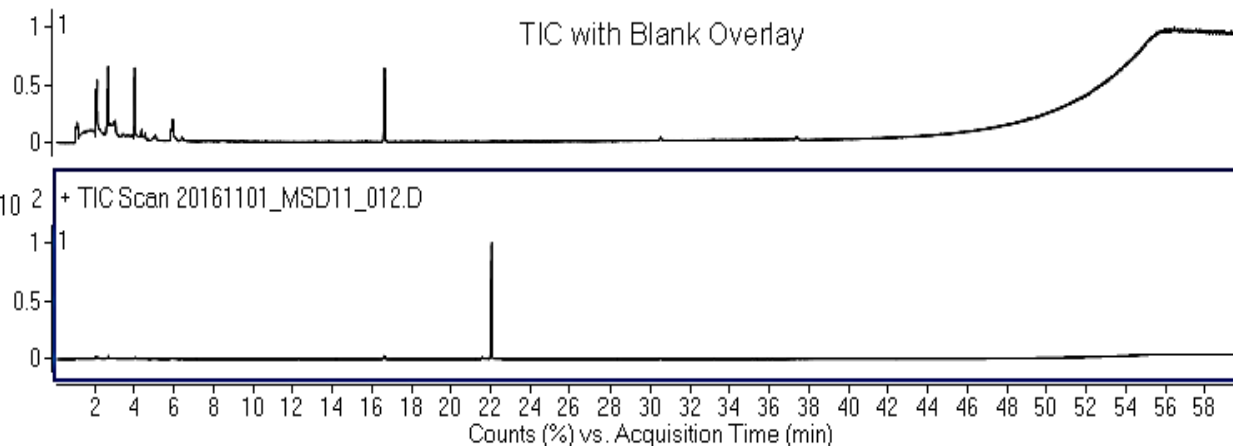
Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Unknown	21.58	1.50
Unknown	21.70	0.59
Resorcinol	22.06	97.58

^a Peaks comprising ≥ 0.5% of total area.

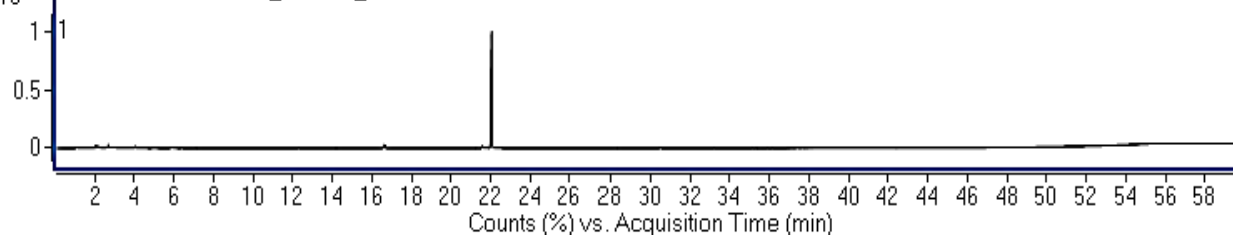
GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Methanol
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 – 650 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

x10² + TIC Scan 20161101_MSD11_010.D



x10² + TIC Scan 20161101_MSD11_012.D



x10⁶ Resorcinol: + Scan (rt: 21.987, 21.994, 22.001, 22.008 ... min, 14 scans) 20161101_MSD11_012.D

