

Chemical Information:

Name: Benzene, 1-methyl-3-phenoxy-
 CAS No.: 3586-14-9 Supplier: Acros Organics
 Tox21_ID No.: Tox21_200958 Lot No.: A0233700
 NTP_CID No.: 3050 MW: 184.24 g/mol

Date of Analysis: 13 August 2015

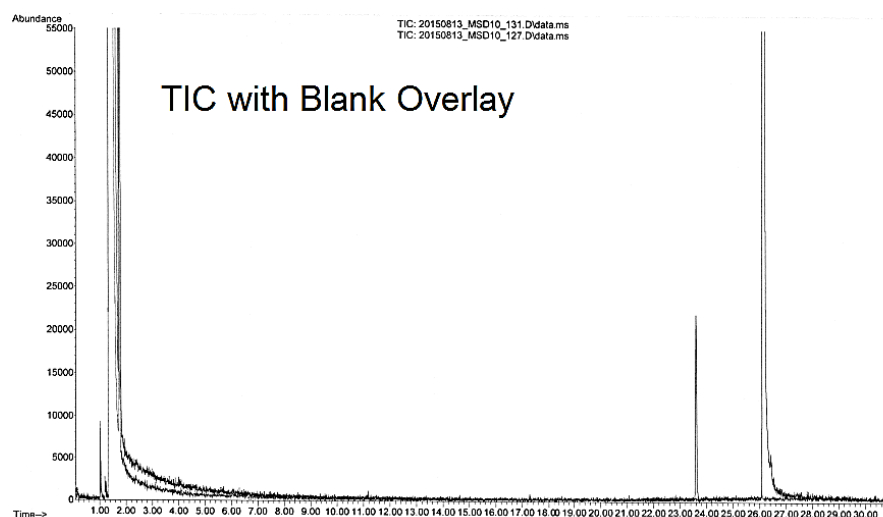
Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) ^a
Benzene, 1-methyl-3-phenoxy-	26.16	99.28
Unknown	23.61	0.66

^a Peaks comprising $\geq 0.5\%$ of total area.

GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Ethanol
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 320°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 / Splitless
Data Analysis Software	MSD ChemStation, ver D.03.00.611, NIST Library ver 2.0d, build Dec 2005



Unknown: Scan 4472 (26.153 min): 20150813_MSD10_131.D\data.ms
 Compound in Library Factor = 312

Hit 1: Benzene, 1-methyl-3-phenoxy-
 C₁₃H₁₂O, MF: 933, RMF: 933; Prob 83.0%; CAS: 3586-14-9; Lib: mainlib; ID: 171190.

