

### Chemical Information:

Name: Benzo(f)-quinoline  
CAS No.: 85-02-9  
Tox21\_ID No.: Tox21\_201772  
NTP CID No.: 523

Date of Analysis: 05 June 2009

Supplier: Acros Organics  
Lot No.: A0237179  
MW: 179.22 g/mol

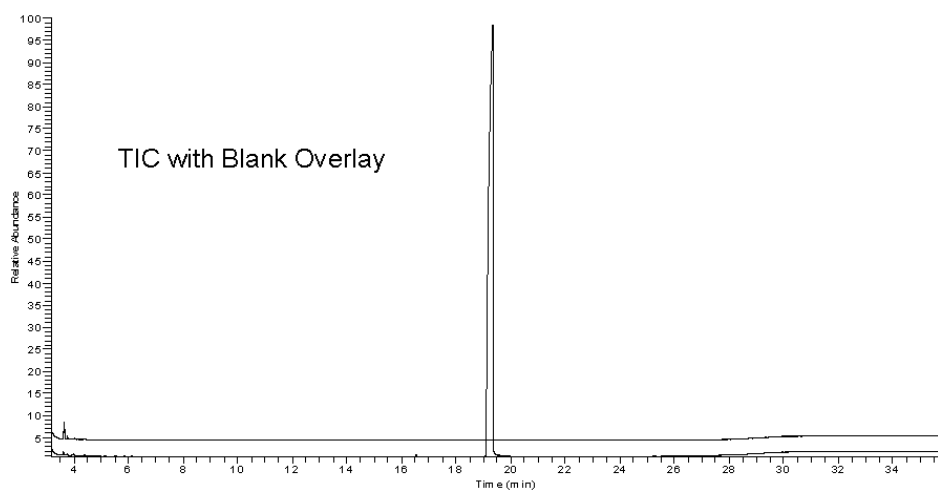
### Purity and Identity Results:

Peak Identity	Retention Time (min)	Purity (% Total Area) <sup>a</sup>
Benzo(f)-quinoline	19.33	99.90

<sup>a</sup> Peaks comprising  $\geq 0.5\%$  of total area.

### GC/MS Instrument Parameters:

Instrument / Ionization	Gas Chromatograph with Mass Spectrometer / Electron Impact
Solvent	Methanol
Column	J&W Scientific HP-5MS, 30 m x 0.25 mm ID, 0.25- $\mu$ m 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 7 min
Source Temperature	250°C
Auxiliary Temperature	250°C
Scan Range	25 – 500 amu
Injector Temperature	250°C
Injection Volume / Mode	1 $\mu$ L / Split (100:1)
Run Time	36.5 minutes
Data Analysis Software	Xcalibur, v 1.2 and NIST Library v 2.0, build 7/23/2008



00F05T20 #1000 RT: 19.11 Az: 1 SB: 05 10.56-10.00, 20.10-20.30 NL: 0.21E6  
T: (0.01)e.c[E]det=350.00 Full m/z 25.00-500.00

