GC Application ID No.: **14790**



Aromatic Amines on ZB-5

Zebron™ ZB-5, GC Cap. Column 30 m x 0.25 mm x 0.25 μm, Ea

5% Phenyl 95% Dimethylpolysiloxane Phase: **Dimensions:** 30 meters x 0.25 mm x 0.25 μm

7HG-G002-11 Order No:

Oven Profile: 60°C for 1min to 130°C at 12°C/min to 220°C at 30°C/min for 4min

Carrier Gas: Constant Flow Helium, 1 mL/min

Injection: Split 15:1 1 µL @ 220°C **Detection:** Mass Selective (MSD) (180°C)

Detector Info: full scan

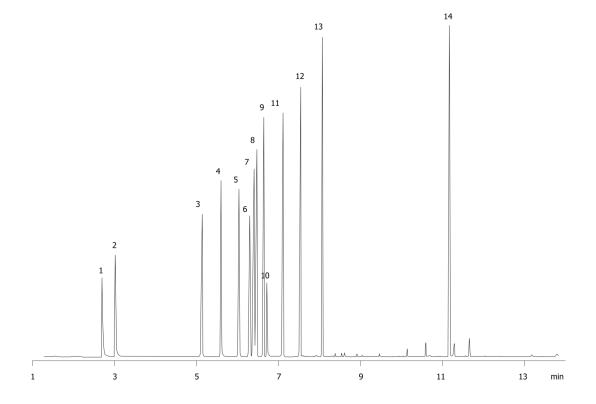
Analyst Note: Analytes are at 1.58mg/mL each.

14790



Products used in this application:





©2025 Phenomenex Inc. All rights reserved.

For more information contact your Phenomenex Representative at info@phenomenex.com



GC Application ID No.: **14790**

Aromatic Amines on ZB-5

ANALYTES:

- Piperidine 1
- 2 2-Methylpiperidine
- 3 Aniline
- Benzylamine 4
- alpha-Phenylethylamine
- N-Methylaniline 6
- m-Toluidine 7
- o-Toluidine
- 9 N,N-Dimethylaniline
- 10 beta-Phenylethylamine
- 11 N-Ethylaniline
- **12** 2,4-Dimethylaniline
- 13 N,N-Diethylaniline
- 14 Dibenzylamine



Page 2 of 2