# **GC Application** ID No.: **20579**



#### Phenols on Zebron ZB-SemiVolatiles

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

5% Phenyl-Arylene 95% Dimethylpolysiloxane (Enviro-Inert) Phase:

**Dimensions:** 30 meters x 0.25 mm x 0.25 μm

7HG-G027-11 Order No:

**Oven Profile:** 

**Carrier Gas:** Constant Flow Helium, 1.4 mL/min Injection: Split 10.0000000000:1 0 µL @ 280°C

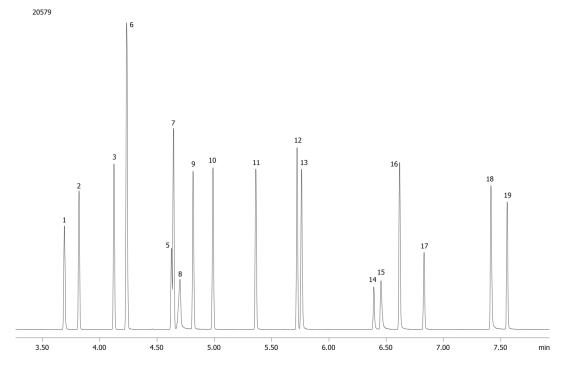
**Detection:** Refractive Index (340°C) **Analyst Note:** Analytes @ 25ppm in Dichloromethane

Pulsed Split injection @ 25 p.s.i. Liner: AG0-8499 (Single Taper with Wool) Septum: AG0-4697 (PhenoRed™-400) Inlet Base Seal: AG0-8620 (Easy Seals™)



Products used in this application:





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#### **ANALYTES:**

- 1 Phenol
- 2 2-Chlorophenol
- 3 2-Methylphenol
- 4-Methylphenol
- 3-Methylphenol
- 6 2-Nitrophenol
- 7 2,4-Dimethylphenol
- Benzoic acid
- 9 2,4-Dichlorophenol
- **10** 2,6-Dichlorophenol
- 11 4-Chloro-3-methylphenol
- **12** 2,4,6-Trichlorophenol
- **13** 2,4,5-Trichlorophenol
- 14 2,4-Dinitrophenol
- **15** 4-Nitrophenol
- **16** 2,3,4,6-Tetrachlorophenol
- 17 2-Methyl-4,6-dinitrophenol
- 18 Pentachlorophenol
- 19 Dinoseb