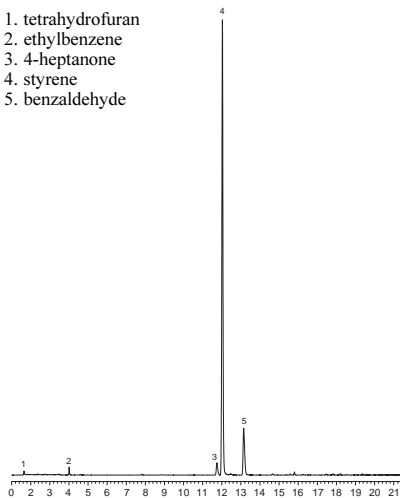


Food Packaging Volatiles by Purge & Trap GCMS on Rtx-5MS, Overwrap, No Seam

Peak List:

1. tetrahydrofuran
2. ethylbenzene
3. 4-heptanone
4. styrene
5. benzaldehyde



GC_FF00460

Column: 12653
Catalog #: 12653
Dimensions: 30m, 0.25 mm ID, 1 μ m
Phase name: Rtx*-5MS
GC: Agilent 6890
Oven temp.: 50°C, to 92°C at 3°C/min, to 220°C at 20°C/min, hold for 1 min.
Injector temp.: 250°C
Carrier gas: Helium
Linear velocity: 36 cm/sec (1 mL/min)
Detector sensitivity: NA
Split ratio: 20:1

Detector : MSD (Agilent 5973)
Detector temp.: 280°C
Scan range: 35-260 AMU
Ionization: EI @ 70 eV
Mode:

Sample Conditions:

Concentrator: Tekmar LSC-3100 purge & trap
Trap: Vocarb 3000, type K
Purge: 10 min, @ 40 mL/min, at 60°C
Dry purge: 3 min @ 40 mL/min
Desorb preheat: 220°C
Desorb: 245°C, 2 min, 40 mL/min
Bake: 230°C, 6 min
Interface: 1:20 split at injection port with 1mm ID liner
Transfer line: 0.53mm ID Silcosteel® MXT® tubing, cat#20591