

Polynuclear Aromatic Hydrocarbons

US EPA Method 8100

MXT®-5

Reference Standards
SV Calibration Mix #5 (cat.# 31011):

1. naphthalene
2. acenaphthylene
3. acenaphthene
4. fluorene
5. phenanthrene
6. anthracene
7. fluoranthene
8. pyrene
9. benzo(a)anthracene
10. chrysene
11. benzo(b)fluoranthene
12. benzo(k)fluoranthene
13. benzo(a)pyrene
14. indeno(1,2,3-cd)pyrene
15. dibenzo(a,h)anthracene
16. benzo(ghi)perylene

30m, 0.28mm ID, 0.25 μ m MXT®-5 (cat.# 70224)
1.0 μ L splitless injection of PAHs.
Concentration 20ng/ μ L.

Oven temp.: 40°C to 325°C @ 10°C/min. (hold 10 min.)
Inj. / det. temp.: 280°C / 325°C
Detector: MS
Carrier gas: helium
Linear velocity: 50cm/sec. set @ 325°C
Splitless hold time: 1 min.

