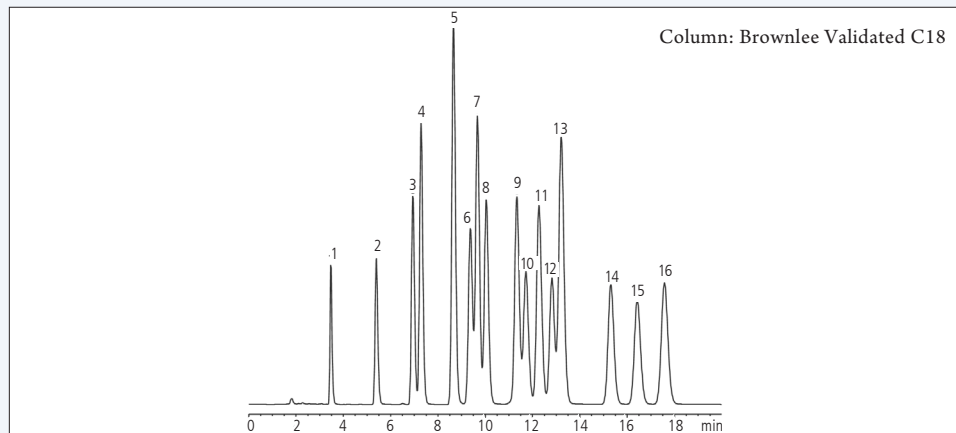




EXPLOSIVES

HPLC

Environmental: Explosives by U.S. EPA Method 8330 on Brownlee Validated C18



Peak List

1. HMX
2. RDX
3. 1,2-dinitrobenzene (SS)
4. 1,3,5-trinitrobenzene
5. 1,3-dinitrobenzene
6. tetryl
7. nitrobenzene
8. 3,4-dinitrotoluene (IS)
9. 2,4,6-trinitrotoluene
10. 4-amino-2, 6-dinitrotoluene
11. 2-amino-4, 6-dinitrotoluene
12. 2,6-dinitrotoluene
13. 2,4-dinitrotoluene
14. 2-nitrotoluene
15. 4-nitrotoluene
16. 3-nitrotoluene

Column

Column name: Brownlee Validated C18
Part number: N9303561
Dimensions: 250 x 4.6 mm
Particle size: 5 μm
Pore size: 100Å

Conditions

Mobile phase: water:methanol (44:56, v/v)
Flow: 1.0 mL/min
Temperature: 30 °C
Detector: UV @ 254 nm

Sample

Injection volume: 5 μL
Concentration: 30 $\mu\text{g/mL}$ (30 ppm) each
Sample diluent: acetonitrile

Notes

Recommended Guard Cartridge N9303692
Recommended Guard Holder N9303713

PerkinElmer, Inc.
940 Winter Street
Waltham, MA 02451 USA
P: (800) 762-4000 or
(+1) 203-925-4602
www.perkinelmer.com

PerkinElmer
For the Better

For a complete listing of our global offices, visit www.perkinelmer.com/ContactUs

Copyright ©2013 PerkinElmer, Inc. All rights reserved. PerkinElmer® is a registered trademark of PerkinElmer, Inc. All other trademarks are the property of their respective owners.

007570A_08