Method 8321 (Chlorinated Acids by HPLC)

Chlorinated Acids by HPLC, Mix A (8 components)

acifluorfen (Blazer)
bentazon
chloramben
2,4-D
dicamba
dichlorprop
picloram
2,4,5-TP (Silvex)

1,000µg/mL each in acetonitrile, 1mL/ampul
cat. # 32431 (ea.)

Chlorinated Acids by HPLC, Mix B (8 components)

2,4-DB
3,5-dichlorobenzoic acid
dinoseb
MCPA
MCPP (mecoprop)
4-nitrophenol
pentachlorophenol
2,4,5-T

1,000µg/mL each in acetonitrile, 1mL/ampul
cat. # 32430 (ea.)

Chlorinated Acid Herbicide Mix (2 components)

2,4-dichlorophenoxyacetic acid (2,4-D)
2,4,5-TP (Silvex)

1,000µg/mL each in acetonitrile, 1mL/ampul
cat. # 32429 (ea.)

Dalapon (2,2-dichloropropionic acid)

1,000µg/mL in acetonitrile, 1mL/ampul
cat. # 32432 (ea.)

1,000µg/mL in methanol, 1mL/ampul
cat. # 32253 (ea.)

2,000µg/mL in methanol, 1mL/ampul
cat. # 32056 (ea.)

Method 8330 (Nitroaromatics and Nitramines by HPLC)

EPA Method 8330 is used to measure explosives residues in water and soil samples, using HPLC with UV detection. Target analytes are nitroaromatic and nitramine explosives and their degradation products.

8330 Internal Standards

3,4-dinitrotoluene

1,000µg/mL in methanol, 1mL/ampul
cat. # 31452 (ea.)

1,4-dinitrobenzene

2,000µg/mL in acetonitrile, 1mL/ampul
cat. # 33205 (ea.)

8330 Surrogate

1,2-dinitrobenzene

1,000µg/mL in methanol, 1mL/ampul
cat. # 31453 (ea.)

also **available**

See **page 469** for chlordane and toxaphene reference materials.

Method 8330 (Nitroaromatics and Nitramines by HPLC) *cont'd*

8330B Nitroaromatics and Nitramine Mix (17 components)**

2-amino-4,6-dinitrotoluene
4-amino-2,6-dinitrotoluene
3,5-dinitroaniline
1,3-dinitrobenzene
2,4-dinitrotoluene
2,6-dinitrotoluene
HMX
nitrobenzene
nitroglycerin
2-nitrotoluene
3-nitrotoluene
4-nitrotoluene
PETN
RDX
tetryl
1,3,5-trinitrobenzene
2,4,6-trinitrotoluene

1,000µg/mL each in acetonitrile, 1mL/ampul
cat. # 33204 (ea.)

Nitroaromatics and Nitramine Explosives by HPLC (14 components)**

1,3-dinitrobenzene
2-amino-4,6-dinitrotoluene
4-amino-2,6-dinitrotoluene
2,4-dinitrotoluene
2,6-dinitrotoluene
HMX
nitrobenzene
2-nitrotoluene
3-nitrotoluene
4-nitrotoluene
RDX
tetryl
1,3,5-trinitrobenzene
2,4,6-trinitrotoluene

1,000µg/mL each in acetonitrile, 1mL/ampul
cat. # 33905 (ea.)

8330 Calibration Mix #1 (7 components)**

1,3-dinitrobenzene
2,4-dinitrotoluene
HMX
nitrobenzene
RDX
1,3,5-trinitrobenzene
2,4,6-trinitrotoluene

1,000µg/mL each in acetonitrile, 1mL/ampul
cat. # 31450 (ea.)

8330 Calibration Mix #2 (7 components)**

2-amino-4,6-dinitrotoluene
4-amino-2,6-dinitrotoluene
2,6-dinitrotoluene
2-nitrotoluene
3-nitrotoluene
4-nitrotoluene
tetryl

1,000µg/mL each in acetonitrile, 1mL/ampul
cat. # 31451 (ea.)

**Meet all DOT requirements. Available only to customers or distributors inside the 48 contiguous United States; items may not be resold for export.

did you **know**?

When you order reference materials for Method 8330, be aware that obtaining pure, neat compounds for standards can be very difficult. Some of these commercial-grade materials contain desensitizing agents such as beeswax, water, or other manufacturing by-products. Many are shipped wet and must be carefully dried before preparation.

To ensure the highest quality standards, Restek chemists use multiple analytical techniques including GC, HPLC, GC/MS, or DSC to verify raw material purity. All compounds are 98% pure or higher.