

GC and GC/MS Organic Standards

PerkinElmer now offers standard solutions to meet your environmental analysis requirements.

Each solution is supplied with a comprehensive Certificate of Analysis which documents the analyte concentrations to ensure the highest level of quality. Certified Organic Reference Materials from PerkinElmer are a new addition to an extensive product line, designed to enhance your one-stop shopping experience.



- ▶ Convenient 1.2-mL ampules to minimize waste
- ▶ Pre-labeled amber-glass storage vial with cap for ease-of-use

VOLATILE ORGANICS – WASTE-WATER STANDARDS

METHOD 624

15 COMPONENT VOA CALIBRATION MIX (no gases)

| | |
|----------------------|---------------------------|
| Bromoform | trans-1,2-Dichloroethene |
| Carbon tetrachloride | 1,2-Dichloropropane |
| Chlorobenzene | Methylene chloride |
| Chloroform | 1,1,2,2-Tetrachloroethane |
| Dibromochloromethane | Tetrachloroethene |
| 1,1-Dichloroethane | 1,1,2-Trichloroethane |
| 1,2-Dichloroethane | Trichloroethene |
| 1,1-Dichloroethene | |

Concentration of each component: 2000 µg/mL

Matrix: Purge and Trap Methanol Volume: 1.2 mL

Part #: N9331060

5 COMPONENT VOA CALIBRATION MIX (gases)

| | |
|---------------|------------------------|
| Bromomethane | Trichlorofluoromethane |
| Chloroethane | Vinyl chloride |
| Chloromethane | |

Concentration of each component: 2000 µg/mL

Matrix: Purge and Trap Methanol Volume: 1.2 mL

Part #: N9331061

8 COMPONENT VOA CALIBRATION MIX

| | |
|---------------------------|---------------------------|
| Benzene | trans-1,3-Dichloropropene |
| Bromodichloromethane | Ethylbenzene |
| 2-Chloroethyl vinyl ether | Toluene |
| cis-1,3-Dichloropropene | 1,1,1-Trichloroethane |

Concentration of each component: 2000 µg/mL

Matrix: Purge and Trap Methanol Volume: 1.2 mL

Part #: N9331062

For more details, call your local representative or visit www.perkinelmer.com/gcsupplies



VOLATILE ORGANICS - WASTE-WATER STANDARDS

METHOD 624

3 COMPONENT VOA CALIBRATION MIX (Dichlorobenzenes)

1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene

Concentration of each component: 2000 µg/mL

Matrix: Purge and Trap Methanol Volume: 1.2 mL

Part #: N9331063

METHOD 624 KIT

Kit contains the part numbers N9331060 through N9331063.

Part #: N9331064

3 COMPONENT VOA SYSTEM MONITORING COMPOUND MIX

Bromochloromethane
1,4-Difluorobenzene
2-Bromo-1-chloropropane

Concentration of each component: 1000 µg/mL

Matrix: Purge and Trap Methanol Volume: 1.2 mL

Part #: N9331083

3 COMPONENT VOA SYSTEM MONITORING COMPOUND MIX B

4-Bromofluorobenzene
Fluorobenzene
Pentafluorobenzene

Concentration of each component: 1000 µg/mL

Matrix: Purge and Trap Methanol Volume: 1.2 mL

Part #: N9331084

VOLATILE ORGANICS - DRINKING-WATER STANDARDS

METHOD 524.2

54 COMPONENT VOA CALIBRATION MIX (no gases)

| | |
|-----------------------------|---------------------------|
| Benzene | 2,2-Dichloropropane |
| Bromobenzene | 1,1-Dichloropropene |
| Bromochloromethane | cis-1,3-Dichloropropene |
| Bromodichloromethane | trans-1,3-Dichloropropene |
| Bromoform | Ethylbenzene |
| n-Butylbenzene | Hexachlorobutadiene |
| sec-Butylbenzene | Isopropylbenzene |
| tert-Butylbenzene | p-Isopropyltoluene |
| Carbon tetrachloride | Methylene chloride |
| Chlorobenzene | Naphthalene |
| Chloroform | n-Propylbenzene |
| 2-Chlorotoluene | Styrene |
| 4-Chlorotoluene | 1,1,1,2-Tetrachloroethane |
| 1,2-Dibromo-3-chloropropane | 1,1,2,2-Tetrachloroethane |
| Dibromochloromethane | Tetrachloroethene |
| 1,2-Dibromoethane | Toluene |
| Dibromoethane | 1,2,3-Trichlorobenzene |
| 1,2-Dichlorobenzene | 1,2,4-Trichlorobenzene |
| 1,3-Dichlorobenzene | 1,1,1-Trichloroethane |
| 1,4-Dichlorobenzene | 1,1,2-Trichloroethane |
| 1,1-Dichloroethane | Trichloroethene |
| 1,2-Dichloroethane | 1,2,3-Trichloropropane |
| 1,1-Dichloroethene | 1,2,4-Trimethylbenzene |
| cis-1,2-Dichloroethene | 1,3,5-Trimethylbenzene |
| trans-1,2-Dichloroethene | m-Xylene |
| 1,2-Dichloropropane | o-Xylene |
| 1,3-Dichloropropane | p-Xylene |

Concentration of each component: 2000 µg/mL

Matrix: Purge and Trap Methanol Volume: 1.2 mL

Part #: N9331047

6 COMPONENT VOA CALIBRATION MIX (gases)

| | |
|---------------|-------------------------|
| Bromomethane | Dichlorodifluoromethane |
| Chloroethane | Trichlorofluoromethane |
| Chloromethane | Vinyl chloride |

Concentration of each component: 2000 µg/mL

Matrix: Purge and Trap Methanol Volume: 1.2 mL

Part #: N9331048

For more details, call your local representative
or visit www.perkinelmer.com/gcsupplies



VOLATILE ORGANICS – DRINKING-WATER STANDARDS

METHOD 524.2

24 COMPONENT VOA CALIBRATION MIX

| | |
|-----------------------------|-------------------------|
| Acetone | 2-Hexanone |
| Acrylonitrile | Iodomethane |
| Allyl chloride | Methacrylonitrile |
| 2-Butanone | Methyl acrylate |
| Carbon Disulfide | Methyl methacrylate |
| Chloroacetonitrile | 4-Methyl-2-pentanone |
| 1-Chlorobutane | Methyl-tert-butyl ether |
| trans-1,4-Dichloro-2-butene | Nitrobenzene |
| 1,1-Dichloropropanone | 2-Nitropropane |
| Ether | Pentachloroethane |
| Ethyl methacrylate | Propionitrile |
| Hexachloroethane | Tetrahydrofuran |

Concentration of each component: 2000 µg/mL

Matrix: Purge and Trap Methanol Volume: 1.2 mL

Part #: N9331049

1 COMPONENT VOA INTERNAL STANDARD MIX

Fluorobenzene

Concentration of each component: 1000 µg/mL

Matrix: Purge and Trap Methanol Volume: 1.2 mL

Part #: N9331050

2 COMPONENT VOA SYSTEM MONITORING COMPOUND MIX

4-Bromofluorobenzene

1,2-Dichlorobenzene-d4

Concentration of each component: 1000 µg/mL

Matrix: Purge and Trap Methanol Volume: 1.2 mL

Part #: N9331051

3 COMPONENT VOA SYSTEM MONITORING COMPOUND MIX

4-Bromofluorobenzene

1,2-Dichlorobenzene-d4

Fluorobenzene

Concentration of each component: 1000 µg/mL

Matrix: Purge and Trap Methanol Volume: 1.2 mL

Part #: N9331052

METHOD 524.2 KIT

Kit contains all the products for Method 524.2.

Part #: N9331053

VOLATILE ORGANICS – SOLID-WASTE STANDARDS

METHOD 8260B

6 COMPONENT VOA CALIBRATION MIX (gases)

| | |
|---------------|-------------------------|
| Bromomethane | Dichlorodifluoromethane |
| Chloroethane | Trichlorofluoromethane |
| Chloromethane | Vinyl chloride |

Concentration of each component: 2000 µg/mL

Matrix: Purge and Trap Methanol Volume: 1.2 mL

Part #: N9331048

4 COMPONENT VOA SYSTEM MONITORING COMPOUND MIX A

Chlorobenzene-d5

1,4-Difluorobenzene

1,4-Dichlorobenzene-d4

Pentafluorobenzene

Concentration of each component: 2000 µg/mL

Matrix: Purge and Trap Methanol Volume: 1.2 mL

Part #: N9331041

4 COMPONENT VOA SYSTEM MONITORING COMPOUND MIX B

4-Bromofluorobenzene

1,2-Dichloroethane-d4

Dibromofluoromethane

Toluene-d8

Concentration of each component: 2000 µg/mL

Matrix: Purge and Trap Methanol Volume: 1.2 mL

Part #: N9331042

4 COMPONENT VOA KETONES CALIBRATION MIX

Acetone

2-Hexanone

2-Butanone

4-Methyl-2-pentanone

Concentration of each component: 2000 µg/mL

Matrix: Purge and Trap Methanol Volume: 1.2 mL

Part #: N9331043

For more details, call your local representative
or visit www.perkinelmer.com/gcsupplies



VOLATILE ORGANICS - SOLID-WASTE STANDARDS

METHOD 8260B

54 COMPONENT VOA CALIBRATION MIX (no gases)

| | |
|-----------------------------|---------------------------|
| Benzene | 2,2-Dichloropropane |
| Bromobenzene | 1,1-Dichloropropene |
| Bromochloromethane | cis-1,3-Dichloropropene |
| Bromodichloromethane | trans-1,3-Dichloropropene |
| Bromoform | Ethylbenzene |
| n-Butylbenzene | Hexachlorobutadiene |
| sec-Butylbenzene | Isopropylbenzene |
| tert-Butylbenzene | p-Isopropyltoluene |
| Carbon tetrachloride | Methylene chloride |
| Chlorobenzene | Naphthalene |
| Chloroform | n-Propylbenzene |
| 2-Chlorotoluene | Styrene |
| 4-Chlorotoluene | 1,1,1,2-Tetrachloroethane |
| 1,2-Dibromo-3-chloropropane | 1,1,2,2-Tetrachloroethane |
| Dibromochloromethane | Tetrachloroethene |
| 1,2-Dibromoethane | Toluene |
| Dibromomethane | 1,2,3-Trichlorobenzene |
| 1,2-Dichlorobenzene | 1,2,4-Trichlorobenzene |
| 1,3-Dichlorobenzene | 1,1,1-Trichloroethane |
| 1,4-Dichlorobenzene | 1,1,2-Trichloroethane |
| 1,1-Dichloroethane | Trichloroethene |
| 1,2-Dichloroethane | 1,2,3-Trichloropropane |
| 1,1-Dichloroethene | 1,2,4-Trimethylbenzene |
| cis-1,2-Dichloroethene | 1,3,5-Trimethylbenzene |
| trans-1,2-Dichloroethene | m-Xylene |
| 1,2-Dichloropropane | o-Xylene |
| 1,3-Dichloropropane | p-Xylene |

Concentration of each component: 2000 µg/mL

Matrix: Purge and Trap Methanol Volume: 1.2 mL

Part #: N9331047

A variety of other standards also available for:

- **U.S. EPA Methods**
- **Semi-Volatile Organics**
- **Pesticide Solutions**

**For more details, call your local representative
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