

8000 Series Methods

Method 8240 (Volatile Organic Compounds [VOC])

502.2 Calibration Mix #1 (gases) (6 components)

bromomethane	dichlorodifluoromethane (CFC-12)
chloroethane	trichlorofluoromethane (CFC-11)
chloromethane	vinyl chloride

200µg/mL each in P&T methanol, 1mL/ampul
cat. # 30439 (ea.)

2,000µg/mL each in P&T methanol, 1mL/ampul
cat. # 30042 (ea.)

VOA Calibration Mix #1 (ketones) (4 components)

acetone	2-hexanone
2-butanone (MEK)	4-methyl-2-pentanone (MIBK)

5,000µg/mL each in P&T methanol:water (90:10), 1mL/ampul
cat. # 30006 (ea.)

VOA Purgeable Halocarbon Mix #1 (23 components)

bromodichloromethane	1,1-dichloroethene
bromoform	<i>trans</i> -1,2-dichloroethene
carbon tetrachloride	1,2-dichloropropane
chlorobenzene	<i>cis</i> -1,3-dichloropropene
2-chloroethyl vinyl ether	<i>trans</i> -1,3-dichloropropene
chloroform	methylene chloride
dibromochloromethane	1,1,2,2-tetrachloroethane
1,2-dichlorobenzene	tetrachloroethene
1,3-dichlorobenzene	1,1,1-trichloroethane
1,4-dichlorobenzene	1,1,2-trichloroethane
1,1-dichloroethane	trichloroethene
1,2-dichloroethane	

2,000µg/mL each in P&T methanol, 1mL/ampul
cat. # 30212 (ea.)

8240 Volatiles Mix #1A (12 components)

allyl chloride	<i>trans</i> -1,4-dichloro-2-butene
benzyl chloride	1,4-dioxane
1,2-dibromo-3-chloropropane	iodomethane
1,2-dibromoethane	pentachloroethane
dibromomethane	1,1,1,2-tetrachloroethane
<i>cis</i> -1,4-dichloro-2-butene	1,2,3-trichloropropane

2,000µg/mL each in P&T methanol, 1mL/ampul
cat. # 30217 (ea.)

8240 Volatiles Mix #2A (3 components)

carbon disulfide	pyridine
2-picoline	

2,000µg/mL each in P&T methanol, 1mL/ampul
cat. # 30218 (ea.)

8240 Nitriles Mix (7 components)

acrylonitrile	methyl methacrylate
ethyl methacrylate	propionitrile
malononitrile	styrene
methacrylonitrile	

2,000µg/mL each in P&T methanol, 1mL/ampul
cat. # 30215 (ea.)

8240 Alcohols Mix (5 components)

allyl alcohol	isobutyl alcohol
2-chloroethanol	propargyl alcohol
ethanol	

2,000µg/mL each in P&T methanol, 1mL/ampul
cat. # 30214 (ea.)

Glycols Standard (2 components)

ethylene glycol	propylene glycol
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50,000µg/mL each in DI water, 1mL/ampul
cat. # 30471 (ea.)

BTEX Standard (6 components)

benzene	<i>m</i> -xylene
ethylbenzene	<i>o</i> -xylene
toluene	<i>p</i> -xylene

200µg/mL each in P&T methanol, 1mL/ampul
cat. # 30051 (ea.)

2,000µg/mL each in P&T methanol, 1mL/ampul
cat. # 30213 (ea.)

2,000µg/mL each in P&T methanol (*m*-xylene and *p*-xylene at 1,000µg/mL), 1mL/ampul
cat. # 30488 (ea.)

BTEX Gas Mix (6 components)

benzene	<i>m</i> -xylene
ethylbenzene	<i>o</i> -xylene
toluene	<i>p</i> -xylene

Cylinder Construction: aluminum
Cylinder Fitting: CGA-180 outlet

Spectra 104L Cylinder

Size: 8 x 24 cm
Volume/Pressure:
104 liters of gas
@ 1,800 psi
Weight: 1.5 lbs/0.7 kg



Scotty 110L Cylinders (Pi-marked Cylinders for EU Regulations):

Size: 8.3 x 29.5 cm
Volume/Pressure:
110 liters of gas
@ 1,800 psi
Weight: 2.2 lbs/1 kg
US DOT Specs: 3AL2216



1ppm in nitrogen, 104 liters @ 1,800psi
cat. # 34414 (ea.)

100ppb in nitrogen, 104 liters @ 1,800psi
cat. # 34428 (ea.)

1ppm in nitrogen, 110 liters @ 1,800psi (Pi-marked Cylinder)
cat. # 34414-PI (ea.)

100ppb in nitrogen, 110 liters @ 1,800psi (Pi-marked Cylinder)
cat. # 34428-PI (ea.)

Requires a high-purity VOC single-stage regulator. See page 433.
No data pack available.
Quantity discounts not available.

restek innovation!

Xylene-Free, Highly-Purified Chloroprene Standard

The R&D chemists at Restek developed a novel procedure that produces a pure, quantitative chloroprene solution specially stabilized in purge & trap-grade methanol. The entire procedure is performed under carefully monitored conditions to prevent any contamination or polymerization of the highly reactive, neat chloroprene. The final solution is specially stabilized, allowing analysts to make dilutions for working standards in unmodified purge & trap-grade methanol.

Note: Because chloroprene is not analyzed by many laboratories, it is not included in our 8240 VOA mixes. Chloroprene is included in our 8260B MegaMix® Calibration Mix. Refer to **page 477**.