

Method 524.1, 524.2 (Volatile Organics) *cont'd*

Drinking Water VOA MegaMix®,
524.2 Rev. 4.1 (73 components)

acrylonitrile
allyl chloride
benzene
bromobenzene
bromochloromethane
bromodichloromethane
bromoform
n-butylbenzene
sec-butylbenzene
tert-butylbenzene
carbon disulfide
carbon tetrachloride
chloroacetonitrile
chlorobenzene
1-chlorobutane
chlorodibromomethane
(dibromochloromethane)
chloroform
2-chlorotoluene
4-chlorotoluene
1,2-dibromo-3-chloropropane (DBCP)
1,2-dibromoethane (ethylene
dibromide)
dibromomethane
1,2-dichlorobenzene
1,3-dichlorobenzene
1,4-dichlorobenzene
trans-1,4-dichloro-2-butene
1,1-dichloroethane
1,2-dichloroethane
1,1-dichloroethene
cis-1,2-dichloroethene
trans-1,2-dichloroethene
1,2-dichloropropane
1,3-dichloropropane
2,2-dichloropropane
1,1-dichloropropene
cis-1,3-dichloropropene
trans-1,3-dichloropropene
diethyl ether (ethyl ether)
ethylbenzene
ethyl methacrylate
hexachloro-1,3-butadiene
hexachloroethane
iodomethane (methyl iodide)



isopropylbenzene (cumene)
4-isopropyltoluene (*p*-cymene)
methacrylonitrile
methyl acrylate
methyl *tert*-butyl ether (MTBE)
methylene chloride (dichloromethane)
methyl methacrylate
naphthalene
nitrobenzene
2-nitropropane
pentachloroethane
propionitrile (ethylcyanide)
n-propylbenzene
styrene
1,1,1,2-tetrachloroethane
1,1,2,2-tetrachloroethane
tetrachloroethene
tetrahydrofuran
toluene
1,2,3-trichlorobenzene
1,2,4-trichlorobenzene
1,1,1-trichloroethane
1,1,2-trichloroethane
trichloroethene
1,2,3-trichloropropane
1,2,4-trimethylbenzene
1,3,5-trimethylbenzene
m-xylene
o-xylene
p-xylene

2,000µg/mL each in P&T methanol, 1mL/ampul
cat. # 30601 (ea.)

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

bromomethane
chloroethane
chloromethane
dichlorodifluoromethane (CFC-12)
trichlorofluoromethane (CFC-11)
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.)

Ketones Mix, 524.2 Rev. 4.1 (5 components)

acetone
2-butanone (MEK)
1,1-dichloro-2-propanone
5,000µg/mL each in 90% P&T methanol:10% water, 1mL/ampul
2-hexanone
4-methyl-2-pentanone (MIBK)
cat. # 30602 (ea.)

Oxygenates Standard (5 components)

diisopropyl ether (DIPE) 2,000µg/mL
ethyl-*tert*-butyl ether (ETBE) 2,000
tert-amyl ethyl ether (TAEE) 2,000
tert-amyl methyl ether (TAME) 2,000
tert-butyl alcohol (TBA) 10,000

In P&T methanol, 1mL/ampul
cat. # 30619 (ea.)

524 Calibration Mix #7A (5 components)

acetone 4-methyl-2-pentanone (MIBK)
2-butanone (MEK) tetrahydrofuran
2-hexanone
2,000µg/mL each in P&T methanol, 1mL/ampul
cat. # 30300 (ea.)

524 Calibration Mix #7B (7 components)

acrylonitrile methyl methacrylate
allyl chloride (3-chloropropene) nitrobenzene
ethyl methacrylate pentachloroethane
methyl acrylate
2,000µg/mL each in P&T methanol, 1mL/ampul
cat. # 30304 (ea.)

524 Calibration Mix #7 Kit

Contains 1mL each of these mixtures.
30300: 524 Calibration Mix #7A
30304: 524 Calibration Mix #7B



cat. # 30202 (kit)

Quantity discounts not available.

524 Calibration Mix #8 (12 components)

carbon disulfide hexachloroethane
chloroacetonitrile iodomethane (methyl iodide)
1-chlorobutane methacrylonitrile
trans-1,4-dichloro-2-butene methyl *tert*-butyl ether
1,1-dichloro-2-propanone 2-nitropropane
diethyl ether propionitrile
2,000µg/mL each in P&T methanol, 1mL/ampul
cat. # 30203 (ea.)

524 Rev. 4.0 Volatile Organics Kit (2,000µg/mL)

Contains 1mL each of these mixtures.
30201: 524 Internal Standard/Surrogate Mix
30042: 502.2 Calibration Mix #1
30043: 502.2 Calibration Mix #2
30044: 502.2 Calibration Mix #3
30045: 502.2 Calibration Mix #4
30046: 502.2 Calibration Mix #5
30047: 502.2 Calibration Mix #6
30300: 524 Calibration Mix #7A
30304: 524 Calibration Mix #7B
30203: 524 Calibration Mix #8



cat. # 30204 (kit)

Quantity discounts not available.

524 Rev. 4.0 VOA Kit #2 (2,000µg/mL)

Contains 1mL each of these mixtures.
30042: 502.2 Calibration Mix #1
30431: 502.2 MegaMix
30300: 524 Calibration Mix #7A
30304: 524 Calibration Mix #7B
30203: 524 Calibration Mix #8
30201: 524 Surrogate/Internal Standard Mix



cat. # 30447 (kit)

Quantity discounts not available.

Note: For a listing of additional individual VOA surrogate and internal standards, see page 467.