

500 Series Methods

Method 521 (Nitrosamines)

Nitrosamine Calibration Mix, Method 521 (7 components)

N-nitrosodiethylamine	N-nitrosomethylethylamine
N-nitrosodimethylamine	N-nitrosopiperidine
N-nitrosodi- <i>n</i> -butylamine	N-nitrosopyrrolidine
N-nitrosodi- <i>n</i> -propylamine	

1,000µg/mL each in methylene chloride, 1mL/ampul
cat. # 31898 (ea.)

N-Nitrosodimethylamine-d6

N-nitrosodimethylamine-d6
1,000µg/mL in methylene chloride, 1mL/ampul
cat. # 33910 (ea.)

N-Nitrosodi-*n*-propylamine-d14

N-nitrosodi-*n*-propylamine-d14
1,000µg/mL in methylene chloride, 1mL/ampul
cat. # 33911 (ea.)

Method 524.1, 524.2 (Volatile Organics)

524 Internal Standard/Surrogate Mix (3 components)

4-bromofluorobenzene	fluorobenzene
1,2-dichlorobenzene-d4	

2,000µg/mL each in P&T methanol, 1mL/ampul
cat. # 30201 (ea.)

Surrogate Standard (2 components)

4-bromofluorobenzene	α,α,α-trifluorotoluene
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2,500µg/mL each in P&T methanol, 1mL/ampul
cat. # 30484 (ea.)

524.2 Surrogate Standard (2 components)

1-bromo-4-fluorobenzene	1,2-dichlorobenzene-d4
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2,000µg/mL in P&T methanol, 1mL/ampul
cat. # 30607 (ea.)

PFTBA (MS Tuning Compound)

perfluorotributylamine (PFTBA)
Neat, 1mL/ampul
cat. # 30482 (ea.)

Neat, 1g
cat. # 33027 (ea.)

No data pack available.

Volatiles MegaMix® with Gases (60 components)

benzene	2,2-dichloropropane
bromobenzene	1,1-dichloropropene
bromochloromethane	<i>cis</i> -1,3-dichloropropene
bromodichloromethane	<i>trans</i> -1,3-dichloropropene
bromoform	ethylbenzene
bromomethane (methyl bromide)	hexachloro-1,3-butadiene (hexachlorobutadiene)
<i>n</i> -butylbenzene	isopropylbenzene (cumene)
<i>sec</i> -butylbenzene	4-isopropyltoluene (<i>p</i> -cymene)
<i>tert</i> -butylbenzene	methylene chloride (dichloromethane)
carbon tetrachloride	naphthalene
chlorobenzene	<i>n</i> -propylbenzene
chloroethane (ethyl chloride)	styrene
chloroform	1,1,1,2-tetrachloroethane
chloromethane (methyl chloride)	1,1,2,2-tetrachloroethane
2-chlorotoluene	tetrachloroethene
4-chlorotoluene	toluene
dibromochloromethane	1,2,3-trichlorobenzene
1,2-dibromo-3-chloropropane (DBCP)	1,2,4-trichlorobenzene
1,2-dibromoethane (EDB)	1,1,1-trichloroethane
dibromomethane	1,1,2-trichloroethane
1,2-dichlorobenzene	trichloroethene
1,3-dichlorobenzene	trichlorofluoromethane (CFC-11)
1,4-dichlorobenzene	1,2,3-trichloropropane
dichlorodifluoromethane (CFC-12)	1,2,4-trimethylbenzene
1,1-dichloroethane	1,3,5-trimethylbenzene
1,2-dichloroethane	vinyl chloride
1,1-dichloroethene	<i>m</i> -xylene
<i>cis</i> -1,2-dichloroethene	<i>o</i> -xylene
<i>trans</i> -1,2-dichloroethene	<i>p</i> -xylene
1,2-dichloropropane	
1,3-dichloropropane	

200µg/mL each in P&T methanol, 1mL/ampul
cat. # 30603 (ea.)

Antifoam Agent for Purge & Trap Samples

Foam generated as purge gas passes through a sample can enter the analytical trap, and possibly the GC column. Our silica-containing antifoam agent is effective over a wide pH range, and will not conflict with chromatography of target analytes.

Neat, 1mL/ampul
cat. # 31822 (ea.)

No data pack available.

EPA 521 & 522 Cartridge

- Activated charcoal for extraction of nitrosamines and dioxane in drinking water.
- Batch tested to ensure low background and consistent recoveries.
- High quality polypropylene tubes and frits to minimize interference.
- Specially treated charcoal and frits to minimize fines that result in inconsistent recoveries.

See page 394.
Disks are also available on page 397.