

SOM01.1 (Semivolatiles), Calibration Mixes

**SOM01.1 SVOA MegaMix<sup>®</sup>, Revised** (65 components)



acenaphthene  
acenaphthylene  
acetophenone  
anthracene  
benzo(a)anthracene  
benzo(a)pyrene  
benzo(b)fluoranthene  
benzo(ghi)perylene  
benzo(k)fluoranthene  
benzyl butyl phthalate  
biphenyl  
bis(2-chloroethoxy)methane  
bis(2-chloroethyl)ether  
bis(2-chloroisopropyl)ether  
(2,2'-oxybis(1-chloropropane))  
bis(2-ethylhexyl)phthalate  
4-bromophenyl-phenylether  
carbazole  
4-chloroaniline  
4-chloro-3-methylphenol  
2-chloronaphthalene  
2-chlorophenol  
4-chlorophenyl-phenylether  
chrysene  
dibenzo(a,h)anthracene  
dibenzofuran  
3,3'-dichlorobenzidine  
2,4-dichlorophenol  
diethylphthalate  
2,4-dimethylphenol  
dimethylphthalate  
di-*n*-butylphthalate  
4,6-dinitro-2-methylphenol  
2,4-dinitrophenol  
2,4-dinitrotoluene  
2,6-dinitrotoluene  
di-*n*-octyl phthalate  
diphenylamine<sup>1</sup>  
fluoranthene  
fluorene  
hexachlorobenzene

hexachloro-1,3-butadiene  
(hexachlorobutadiene)  
hexachlorocyclopentadiene  
hexachloroethane  
indeno(1,2,3-*cd*)pyrene  
isophorone  
2-methylnaphthalene  
2-methylphenol (*o*-cresol)  
3-methylphenol (*m*-cresol)\*  
4-methylphenol (*p*-cresol)\*  
naphthalene  
2-nitroaniline  
3-nitroaniline  
4-nitroaniline  
nitrobenzene  
2-nitrophenol  
4-nitrophenol  
N-nitroso-di-*n*-propylamine  
pentachlorophenol  
phenanthrene  
phenol  
pyrene  
1,2,4,5-tetrachlorobenzene  
2,3,4,6-tetrachlorophenol  
2,4,5-trichlorophenol  
2,4,6-trichlorophenol

1,000µg/mL each in methylene chloride, 1mL/ampul  
cat. # 31900 (ea.)

\*3-methylphenol and 4-methylphenol concentration is 500µg/mL.

<sup>1</sup> N-nitrosodiphenylamine (CLP-listed analyte) decomposes to diphenylamine (mix component) in the injector.

**CLP/SVOA Additions Mix** (3 components)

atrazine e-caprolactam  
benzaldehyde  
1,000µg/mL in methylene chloride, 1mL/ampul  
cat. # 31902 (ea.)



**SOM01.1 SVOA MegaMix<sup>®</sup> Kit**

Contains 1mL each of these mixtures.  
31900: SOM01.1 SVOA MegaMix, Revised  
31902: CLP/SVOA Additions Mix

cat. # 31904 (kit)



Quantity discounts not available.

04.2 and 04.1 (Semivolatiles), Calibration Mixes

**CLP 04.1 B/N MegaMix<sup>®</sup>, Revision 2** (47 components)



acenaphthene  
acenaphthylene  
acetophenone  
anthracene  
benzo(a)anthracene  
benzo(a)pyrene  
benzo(b)fluoranthene  
benzo(ghi)perylene  
benzo(k)fluoranthene  
benzyl butyl phthalate  
biphenyl  
bis(2-chloroethoxy)methane  
bis(2-chloroethyl)ether  
bis(2-chloroisopropyl)ether  
(2,2'-oxybis(1-chloropropane))  
bis(2-ethylhexyl)phthalate  
4-bromophenyl phenyl ether  
carbazole  
4-chloroaniline  
2-chloronaphthalene  
4-chlorophenyl phenyl ether  
chrysene  
dibenzo(a,h)anthracene  
dibenzofuran  
diethylphthalate  
1,000µg/mL each in methylene chloride, 1mL/ampul  
cat. # 31903 (ea.)

dimethylphthalate  
di-*n*-butyl phthalate  
2,4-dinitrotoluene  
2,6-dinitrotoluene  
di-*n*-octyl phthalate  
diphenylamine<sup>1</sup>  
fluoranthene  
fluorene  
hexachlorobenzene  
hexachloro-1,3-butadiene  
(hexachlorobutadiene)  
hexachlorocyclopentadiene  
hexachloroethane  
indeno(1,2,3-*cd*)pyrene  
isophorone  
2-methylnaphthalene  
naphthalene  
2-nitroaniline  
3-nitroaniline  
4-nitroaniline  
nitrobenzene  
N-nitroso-di-*n*-propylamine  
phenanthrene  
pyrene

<sup>1</sup> N-nitrosodiphenylamine (CLP-listed analyte) decomposes to diphenylamine (mix component) in the injector.

**CLP/SVOA Additions Mix** (3 components)

atrazine e-caprolactam  
benzaldehyde  
1,000µg/mL in methylene chloride, 1mL/ampul  
cat. # 31902 (ea.)



**CLP 04.1 B/N MegaMix<sup>®</sup> Kit**

Contains 1mL each of these mixtures.  
31903: CLP 04.1 B/N MegaMix, Revision 2  
31902: CLP/SVOA Additions Mix

cat. # 31905 (kit)



Quantity discounts not available.

**CLP 04.1 Phenols Calibration Mix** (14 components)

4-chloro-3-methylphenol  
2-chlorophenol  
2,4-dichlorophenol  
2,4-dimethylphenol  
2,4-dinitrophenol  
2-methyl-4,6-dinitrophenol  
2-methylphenol  
2,000µg/mL each in methylene chloride, 1mL/ampul  
cat. # 31494 (ea.)

4-methylphenol  
2-nitrophenol  
4-nitrophenol  
pentachlorophenol  
phenol  
2,4,5-trichlorophenol  
2,4,6-trichlorophenol

**Benzidine Mix** (2 components)

benzidine 3,3'-dichlorobenzidine  
2,000µg/mL each in methylene chloride, 1mL/ampul  
cat. # 31834 (ea.)



**CLP Semivolatiles Dilution Tip**

Atrazine and benzaldehyde react quickly with the methanol stabilizer used in most brands and grades of methylene chloride. This reaction will prevent you from obtaining stable, working-level calibration standards. We prepare our CLP semivolatiles standards from methylene chloride that is stabilized with amylene and is completely free of methanol. We strongly recommend screening the methylene chloride used to dilute these mixtures and confirming that it is free of methanol.

also available

For details on our Rxi<sup>®</sup>-5Sil MS capillary columns for semivolatiles analysis, see page 87.

