

free data

Available on Our Website: Lot Certificates, Data Packs, and MSDSs

For complete information detailing manufacturing and testing for Restek inventoried reference standards, visit our website at www.restek.com. To view lot certificates and/or an MSDS, enter the catalog number of the product in the Search feature. For a free data pack (Adobe® PDF file), enter the catalog number and lot number of the product.

also available

See page 76 for details on our Rxi™-5Sil MS Capillary Columns for semivolatiles analysis.



did you know?

Our Pesticide Matrix Spike Mix (cat. # 32018, page 479) can be used as a GPC calibration verification solution.

03.2 (Semivolatiles), Calibration Mixes

OLC 03.2 SVOA Deuterated Monitoring Compounds (DMC) (16 components)

acenaphthylene-d8	4,6-dinitro-methylphenol-d2
anthracene-d10	fluorene-d10
benzo(a)pyrene-d12	4-methylphenol-d8
4-chloroaniline-d4	nitrobenzene-d5
bis-(2-chloroethyl)ether-d8	2-nitrophenol-d4
2-chlorophenol-d4	4-nitrophenol-d4
2,4-dichlorophenol-d3	phenol-d5
dimethylphthalate-d6	pyrene-d10

2,000µg/mL each in methylene chloride, 1mL/ampul
cat. # 31810 (ea.)

OLC 03.2 SVOA MegaMix® (57 components)

acenaphthene	dimethylphthalate
acenaphthylene	di- <i>n</i> -butyl phthalate
acetophenone	2,4-dinitrophenol
anthracene	2,4-dinitrotoluene
atrazine	2,6-dinitrotoluene
benzaldehyde	di- <i>n</i> -octyl phthalate
benzo(a)anthracene	fluoranthene
benzo(a)pyrene	fluorene
benzo(b)fluoranthene	hexachlorobutadiene
benzo(ghi)perylene	hexachlorocyclopentadiene
benzo(k)fluoranthene	hexachloroethane
benzyl butyl phthalate	indeno(1,2,3-cd)pyrene
biphenyl	isophorone
bis(2-chloroethoxy)methane	2-methylnaphthalene
bis(2-chloroethyl)ether	2-methylphenol
bis(2-chloroisopropyl)ether	4-methylphenol
bis(2-ethylhexyl)phthalate	naphthalene
4-bromophenyl phenyl ether	nitrobenzene
ε-caprolactam	2-nitrophenol
carbazole	N-nitroso-di- <i>n</i> -propylamine
4-chloro-3-methylphenol	N-nitrosodiphenylamine
2-chloronaphthalene	pentachlorophenol
2-chlorophenol	phenanthrene
4-chlorophenyl phenyl ether	phenol
chrysene	pyrene
dibenzo(a,h)anthracene	1,2,4,5-tetrachlorobenzene
dibenzofuran	2,4,6-trichlorophenol
diethylphthalate	
2,4-dimethylphenol	

1,000µg/mL each in methylene chloride, 1mL/ampul
cat. # 31862 (ea.)

Fortification Mix (7 components)

4,6-dinitro-2-methylphenol	4-nitroaniline
2,4-dinitrophenol	4-nitrophenol
2-nitroaniline	2,4,5-trichlorophenol
3-nitroaniline	

2,000µg/mL each in methylene chloride, 1mL/ampul
cat. # 31813 (ea.)

3,3'-Dichlorobenzidine

2,000µg/mL in methylene chloride, 1mL/ampul
cat. # 31835 (ea.)

Hexachlorophene

2,000µg/mL each in methylene chloride, 1mL/ampul
cat. # 31811 (ea.)

Low Concentration Semivolatiles, Calibration Mixes

L/C Phenol Mix A

2,4-dinitrophenol*	pentachlorophenol*
2-methyl-4,6-dinitrophenol*	2,4,6-tribromophenol (SUR)*
4-nitrophenol*	2,4,5-trichlorophenol*

2,000µg/mL each in methylene chloride, 1mL/ampul
cat. # 31208 (ea.)

*Must be calibrated at a level different from the other listed semivolatiles compounds.

L/C Phenol Mix B (11 components)

4-chloro-3-methylphenol	4-methylphenol
2-chlorophenol	2-nitrophenol
2,4-dichlorophenol	phenol
2,4-dimethylphenol	phenol-d6 (SUR)
2-fluorophenol	2,4,6-trichlorophenol
2-methylphenol	

2,000µg/mL each in methylene chloride, 1mL/ampul
cat. # 31209 (ea.)

L/C Aniline Mix A

2-nitroaniline*	4-nitroaniline*
3-nitroaniline*	

2,000µg/mL each in methylene chloride, 1mL/ampul
cat. # 31210 (ea.)

*Must be calibrated at a level different from the other listed semivolatiles compounds.

L/C Aniline Mix B

4-chloroaniline

2,000µg/mL in methylene chloride, 1mL/ampul
cat. # 31211 (ea.)

Additional Required SV Calibration Mixes:

See pages 475 and 477 for mix compositions.

31024:	B/N Surrogate Mix (4/89 SOW)
31009:	SV Calibration Mix #3
31010:	SV Calibration Mix #4
31011:	SV Calibration Mix #5
31026:	3,3'-dichlorobenzidine
31001:	SV Tuning Compound (DFTPP)

GPC Calibration Mix

Qualitative mixture useful for determining GPC dump/collect times. The compounds are dissolved in methylene chloride at the concentrations listed. Data packs are not available.

CLP GPC Calibration Mix

bis(2-ethylhexyl)	methoxychlor	2.0
phthalate	10mg/mL perylene	0.2
corn oil	250 sulfur	0.8

In methylene chloride, 1mL/ampul
cat. # 32019 (ea.)

In methylene chloride, 5mL/ampul
cat. # 32023 (ea.)

Revised GPC Calibration Mix

bis(2-ethylhexyl)	methoxychlor	1.0
phthalate	5mg/mL perylene	0.2
corn oil	250 sulfur	0.8

In methylene chloride, 1mL/ampul
cat. # 32041 (ea.)

In methylene chloride, 5mL/ampul
cat. # 32042 (ea.)