

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.)	

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 in methylene chloride, 1mL/ampul
cat. # 31811 (ea.)

Low Concentration Semivolatiles, Calibration Mixes

L/C Phenol Mix A (6 components)

2,4-dinitrophenol*	pentachlorophenol*
2-methyl-4,6-dinitrophenol*	2,4,6-tribromophenol (SS)*
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 semivolatile 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 (SS)
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 (3 components)

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 semivolatile 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 489 and 491 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)

did you know?

Our **Pesticide Matrix Spike Mix** (cat.# 32018, **page 494**) can be used as a GPC calibration verification solution.

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GPC Calibration Mix

Qualitative mixture useful for determining GPC dump/collect times. The compounds are dissolved in methylene chloride at the concentrations listed.

CLP GPC Calibration Mix (5 components)

bis(2-ethylhexyl) phthalate	10mg/mL	perylene	0.2
corn oil	250	sulfur	0.8
methoxychlor	2.0		
In methylene chloride, 1mL/ampul			
cat. # 32019 (ea.)			

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

No data pack available.

Revised GPC Calibration Mix (5 components)

bis(2-ethylhexyl) phthalate	5mg/mL	perylene	0.2
corn oil	250	sulfur	0.8
methoxychlor	1.0		
In methylene chloride, 1mL/ampul			
cat. # 32041 (ea.)			

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

No data pack available.