

OLC 03.2 (Volatiles), Calibration Mixes

OLC 03.2 VOA MegaMix®

(42 components)

- benzene
- bromochloromethane
- bromodichloromethane
- bromoform
- carbon disulfide
- carbon tetrachloride
- chlorobenzene
- chloroform
- cyclohexane
- dibromochloromethane
(chlorodibromomethane)
- 1,2-dibromo-3-chloropropane (DBCP)
- 1,2-dibromoethane (EDB)
- 1,2-dichlorobenzene
- 1,3-dichlorobenzene
- 1,4-dichlorobenzene
- 1,1-dichloroethane
- 1,2-dichloroethane
- 1,1-dichloroethene
- cis-1,2-dichloroethene
- trans-1,2-dichloroethene
- 1,2-dichloropropane
- cis-1,3-dichloropropene
- trans-1,3-dichloropropene
- ethylbenzene
- isopropylbenzene (cumene)
- methyl acetate
- methylcyclohexane
- methyl tert-butyl ether (MTBE)



- methylene chloride (dichloromethane)
- styrene
- 1,1,2,2-tetrachloroethane
- tetrachloroethene
- toluene
- 1,2,3-trichlorobenzene
- 1,2,4-trichlorobenzene
- 1,1,1-trichloroethane
- 1,1,2-trichloroethane
- trichloroethene
- 1,1,2-trichlorotrifluoroethane
(CFC-113)
- m-xylene*
- o-xylene
- p-xylene*

2,000µg/mL each (*m- & p-xylene at 1,000µg/mL) in P&T methanol, 1mL/ampul
cat. # 30492 (ea.)

L/C VOA Calibration Mix #6 (6 components)

- bromochloromethane
- 1,2-dibromo-3-chloropropane (DBCP)
- 1,2-dibromoethane
- 1,2-dichlorobenzene
- 1,3-dichlorobenzene
- 1,4-dichlorobenzene

2,000µg/mL each in P&T methanol, 1mL/ampul
cat. # 30090 (ea.)

Additional VOA Calibration Mixes Required:

- 30006: VOA Calibration Mix #1
- 30007: VOA Calibration Mix #2
- 30008: VOA Calibration Mix #3
- 30009: VOA Calibration Mix #4
- 30010: VOA Calibration Mix #5
- 30003: VOA Tuning Compound

See pages 486–487 for mix compositions.

SOM01.1 (Semivolatiles), QA Mixes

SOM01.1 Deuterated Monitoring Compound Mix

SIM Compounds (2 components)

- fluoranthene-d10
 - 2-methylnaphthalene-d10
- 2,000µg/mL each in methylene chloride, 1mL/ampul
cat. # 33913 (ea.)

CCME F2 Surrogate Standard

- 2-methylnonane
- 1,000µg/mL in methylene chloride, 1mL/ampul
cat. # 31870 (ea.)

04.2, 04.1, 4/89, and 3/90 SOW (Semivolatiles), QA Mixes

SV Internal Standard Mix (6 components)

- acenaphthene-d10
- chrysene-d12
- 1,4-dichlorobenzene-d4
- naphthalene-d8
- perylene-d12
- phenanthrene-d10

	Each	15-pk.	25-pk.
2,000µg/mL each in methylene chloride, 1mL/ampul	31206	31206.15	31206.25
4,000µg/mL each in methylene chloride, 1mL/ampul	31006	31006.15	31006.25

Revised SV Internal Standard Mix (7 components)

- acenaphthene-d10
- chrysene-d12
- 1,4-dichlorobenzene-d4
- 1,4-dioxane-d8
- naphthalene-d8
- perylene-d12
- phenanthrene-d10

	Each	15-pk.	25-pk.
2,000µg/mL each in methylene chloride, 1mL/ampul	31885	31885.15	31885.25
4,000µg/mL each in methylene chloride, 1mL/ampul	31886	31886.15	31886.25

Acid Surrogate Standard Mix (3/90 SOW) (4 components)

- 2-chlorophenol-d4
- 2-fluorophenol
- phenol-d6
- 2,4,6-tribromophenol

	Each	15-pk.	25-pk.
1,500µg/mL each in methanol, 1mL/ampul	cat. # 31003 (ea.)		
7,500µg/mL each in methanol, 1mL/ampul	cat. # 31073 (ea.)		
7,500µg/mL each in methanol, 5mL/ampul	cat. # 31083 (ea.)		

Acid Surrogate Mix (4/89 SOW) (3 components)

- 2-fluorophenol
- phenol-d6
- 2,4,6-tribromophenol

	Each	15-pk.	25-pk.
2,000µg/mL each in methanol, 1mL/ampul	31025 \$30	31025.15 \$315	31025.25
10,000µg/mL each in methanol, 1mL/ampul	31063 \$44	31063.15 \$462	31063.25
10,000µg/mL each in methanol, 5mL/ampul	31087 \$115	31087.15 \$1208	31087.25
10,000µg/mL each in methanol, 10mL/ampul	33029 \$215	33029.15 \$2258	33029.25

Revised B/N Surrogate Mix (4 components)

- 2-fluorobiphenyl
- nitrobenzene-d5
- p-terphenyl-d14
- pyrene-d10

	Each	15-pk.	25-pk.
1,000µg/mL each in methylene chloride, 1mL/ampul	31887 \$32	31887.15 \$336	31887.25
5,000µg/mL each in methylene chloride, 1mL/ampul	31888 \$43	31888.15 \$452	31888.25
5,000µg/mL each in methylene chloride, 5mL/ampul	31889 \$114	31889.15 \$1197	31889.25

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