

OLC 03.2 (Volatiles), Calibration Mixes

OLC 03.2 VOA MegaMix® (42 components)

benzene	<i>cis</i> -1,3-dichloropropene
bromochloromethane	<i>trans</i> -1,3-dichloropropene
bromodichloromethane	ethylbenzene
bromoform	isopropylbenzene (cumene)
carbon disulfide	methyl acetate
carbon tetrachloride	methylcyclohexane
chlorobenzene	methyl <i>tert</i> -butyl ether (MTBE)
chloroform	methylene chloride
cyclohexane	(dichloromethane)
dibromochloromethane	styrene
(chlorodibromomethane)	1,1,2,2-tetrachloroethane
1,2-dibromo-3-chloropropane	tetrachloroethene
(DBCP)	toluene
1,2-dibromoethane (EDB)	1,2,3-trichlorobenzene
1,2-dichlorobenzene	1,2,4-trichlorobenzene
1,3-dichlorobenzene	1,1,1-trichloroethane
1,4-dichlorobenzene	1,1,2-trichloroethane
1,1-dichloroethane	trichloroethene
1,2-dichloroethane	1,1,2-trichlorotrifluoroethane
1,1-dichloroethene	(CFC-113)
<i>cis</i> -1,2-dichloroethene	<i>m</i> -xylene*
<i>trans</i> -1,2-dichloroethene	<i>o</i> -xylene
1,2-dichloropropane	<i>p</i> -xylene*
2,000µg/mL each (* <i>m</i> - & <i>p</i> -xylene at 1,000µg/mL) in P&T methanol, 1mL/ampul	

cat. # 30492 (ea.)

L/C VOA Calibration Mix #6

bromochloromethane	1,2-dichlorobenzene
1,2-dibromo-3-chloropropane	1,3-dichlorobenzene
(DBCP)	1,4-dichlorobenzene
1,2-dibromoethane	
2,000µg/mL each in P&T methanol, 1mL/ampul	

cat. # 30090 (ea.)

Additional VOA Calibration Mixes Required:

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

See pages 472-473 for mix compositions.

SOM01.1 (Semivolatiles), QA Mixes

SOM01.1 Deuterated Monitoring Compound

Mix w/ SIM Compounds (18 components)	
acenaphthylene-d8	fluoranthene-d10
anthracene-d10	fluorene-d10
benzo(a)pyrene-d12	2-methylnaphthalene-d10
bis(2-chloroethyl)ether-d8	4-methylphenol-d8
4-chloroaniline-d4	nitrobenzene-d5
2-chlorophenol-d4	2-nitrophenol-d4
2,4-dichlorophenol-d3	4-nitrophenol-d4
dimethylphthalate-d6	phenol-d5
4,6-dinitro-2-methylphenol-d	pyrene-d10
2,000µg/mL each in methylene chloride, 1mL/ampul	

cat. # 33918 (ea.)

SOM01.1 Deuterated Monitoring Compound Mix SIM Compounds

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.)

SOM01.1 (Semivolatiles), QA Mixes *cont'd*

SOM01.1 SVOA B/N Matrix Spike Mix

acenaphthene	N-nitroso-di- <i>n</i> -propylamine
2,4-dinitrotoluene	pyrene
5,000µg/mL each in methanol, 1mL/ampul	
	cat. # 33916 (ea.)
5,000µg/mL each in methanol, 5mL/ampul	
	cat. # 33917 (ea.)

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

SV Internal Standard Mix

acenaphthene-d10	naphthalene-d8
chrysene-d12	perylene-d12
1,4-dichlorobenzene-d4	phenanthrene-d10
2,000µg/mL each in methylene chloride, 1mL/ampul	
	cat. # 31206 (ea.)
4,000µg/mL each in methylene chloride, 1mL/ampul	
	cat. # 31006 (ea.)

Revised SV Internal Standard Mix (7 components)

acenaphthene-d10	naphthalene-d8
chrysene-d12	perylene-d12
1,4-dichlorobenzene-d4	phenanthrene-d10
1,4-dioxane-d8	
2,000µg/mL each in methylene chloride, 1mL/ampul	
	cat. # 31885 (ea.)
4,000µg/mL each in methylene chloride, 1mL/ampul	
	cat. # 31886 (ea.)

Acid Surrogate Standard Mix (3/90 SOW)

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

2-fluorophenol	2,4,6-tribromophenol
phenol-d6	
2,000µg/mL each in methanol, 1mL/ampul	
	cat. # 31025 (ea.)
10,000µg/mL each in methanol, 1mL/ampul	
	cat. # 31063 (ea.)
10,000µg/mL each in methanol, 5mL/ampul	
	cat. # 31087 (ea.)
10,000µg/mL each in methylene chloride, 10mL/ampul	
	cat. # 33029 (ea.)

Revised B/N Surrogate Mix

2-fluorobiphenyl	<i>p</i> -terphenyl-d14
nitrobenzene-d5	pyrene-d10
1,000µg/mL each in methylene chloride, 1mL/ampul	
	cat. # 31887 (ea.)
5,000µg/mL each in methylene chloride, 1mL/ampul	
	cat. # 31888 (ea.)
5,000µg/mL each in methylene chloride, 5mL/ampul	
	cat. # 31889 (ea.)

Antifoam Agent for Purge & Trap Samples

Foam generated as purge gas passes through a sample can enter the analytical trap, and possibly into 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.

also available

OLC 03.2 SVOA Deuterated Monitoring Compounds. See page 478.