

Method 502.1, 502.2 (Volatile Halogenated Organics)

**502.2 Internal Standard #1**

1-chloro-2-fluorobenzene  
2,000µg/mL in P&T methanol, 1mL/ampul  
cat. # 30040 (ea.)

**502.2 Internal Standard Mix #2** (2 components)

2-bromo-1-chloropropane fluorobenzene  
2,000µg/mL each in P&T methanol, 1mL/ampul  
cat. # 30041 (ea.)

**8021/502.2 Surrogate Mix #1** (3 components)

1-bromo-2-chloroethane fluorobenzene  
1-chloro-3-fluorobenzene  
2,000µg/mL each in P&T methanol, 1mL/ampul  
cat. # 30463 (ea.)

**8021/502.2 Surrogate Mix #2** (4 components)

1-bromo-2-chloroethane 1-chloro-3-fluorobenzene  
4-bromochlorobenzene fluorobenzene  
2,000µg/mL each in P&T methanol, 1mL/ampul  
cat. # 30464 (ea.)

**Volatiles MegaMix® with Gases**  
(60 components)

benzene  
bromobenzene  
bromochloromethane  
bromodichloromethane  
bromoform  
bromomethane (methyl bromide)  
*n*-butylbenzene  
*sec*-butylbenzene  
*tert*-butylbenzene  
carbon tetrachloride  
chlorobenzene  
chloroethane (ethyl chloride)  
chloroform  
chloromethane (methyl chloride)  
2-chlorotoluene  
4-chlorotoluene  
dibromochloromethane  
1,2-dibromo-3-chloropropane (DBCP)  
1,2-dibromoethane (EDB)  
dibromomethane  
1,2-dichlorobenzene  
1,3-dichlorobenzene  
1,4-dichlorobenzene  
dichlorodifluoromethane (CFC-12)  
1,1-dichloroethane  
1,2-dichloroethane  
1,1-dichloroethene  
*cis*-1,2-dichloroethene  
*trans*-1,2-dichloroethene  
1,2-dichloropropane  
1,3-dichloropropane  
2,2-dichloropropane  
1,1-dichloropropene  
*cis*-1,3-dichloropropene  
*trans*-1,3-dichloropropene  
ethylbenzene  
hexachloro-1,3-butadiene  
(hexachlorobutadiene)



isopropylbenzene (cumene)  
4-isopropyltoluene (*p*-cymene)  
methylene chloride (dichloromethane)  
naphthalene  
*n*-propylbenzene  
styrene  
1,1,1,2-tetrachloroethane  
1,1,1,2,2-tetrachloroethane  
tetrachloroethene  
toluene  
1,2,3-trichlorobenzene  
1,2,4-trichlorobenzene  
1,1,1-trichloroethane  
1,1,2-trichloroethane  
trichloroethene  
trichlorofluoromethane (CFC-11)  
1,2,3-trichloropropane  
1,2,4-trimethylbenzene  
1,3,5-trimethylbenzene  
vinyl chloride  
*m*-xylene  
*o*-xylene  
*p*-xylene

200µg/mL each in P&T methanol, 1mL/ampul  
cat. # 30603 (ea.)

**502.2 MegaMix®** (54 components)

Includes all target analytes except the six gases, which are available separately as 502.2 Calibration Mix #1.

benzene	1,1-dichloropropene
bromobenzene	<i>cis</i> -1,3-dichloropropene
bromochloromethane	<i>trans</i> -1,3-dichloropropene
bromodichloromethane	ethylbenzene
bromoform	hexachloro-1,3-butadiene (hexachlorobutadiene)
<i>n</i> -butylbenzene	isopropylbenzene (cumene)
<i>sec</i> -butylbenzene	4-isopropyltoluene ( <i>p</i> -cymene)
<i>tert</i> -butylbenzene	methylene chloride (dichloromethane)
carbon tetrachloride	naphthalene
chlorobenzene	chloroform
chloroform	<i>n</i> -propylbenzene
2-chlorotoluene	styrene
4-chlorotoluene	1,1,1,2-tetrachloroethane
dibromochloromethane	1,1,2,2-tetrachloroethane
1,2-dibromo-3-chloropropane (DBCP)	tetrachloroethene
1,2-dibromoethane	toluene
dibromomethane	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	1,2,3-trichloropropane
1,1-dichloroethene	1,2,4-trimethylbenzene
<i>cis</i> -1,2-dichloroethene	1,3,5-trimethylbenzene
<i>trans</i> -1,2-dichloroethene	<i>m</i> -xylene
1,2-dichloropropane	<i>o</i> -xylene
1,3-dichloropropane	<i>p</i> -xylene
2,2-dichloropropane	

200µg/mL each in P&T methanol, 1mL/ampul  
cat. # 30432 (ea.)  
2,000µg/mL each in P&T methanol, 1mL/ampul  
cat. # 30431 (ea.)

**502.2 Calibration Mix #1 (gases)** (6 components)

bromomethane	dichlorodifluoromethane (CFC-12)
chloroethane	trichlorofluoromethane (CFC-11)
chloromethane	vinyl chloride

200µg/mL each in P&T methanol, 1mL/ampul  
cat. # 30439 (ea.)  
2,000µg/mL each in P&T methanol, 1mL/ampul  
cat. # 30042 (ea.)

**502.2 Calibration Mix #2** (14 components)

bromodichloromethane	1,3-dichloropropane
bromoform	2,2-dichloropropane
carbon tetrachloride	<i>cis</i> -1,3-dichloropropene
chloroform	<i>trans</i> -1,3-dichloropropene
1,1-dichloroethane	methylene chloride
1,1-dichloroethene	1,1,1-trichloroethane
<i>trans</i> -1,2-dichloroethene	trichloroethene

2,000µg/mL each in P&T methanol, 1mL/ampul  
cat. # 30043 (ea.)

**Antifoam Agent for Purge & Trap Samples**

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