

Highly Volatile Halocarbons

Other volatile organic compounds (VOCs) may be found in the Individual Reference Standard section. All products listed are accompanied by a Certificate of Analysis, for neat compounds, or a Gravimetric Certificate for standard solutions. If you are unable to locate the compound or the format you require, please telephone or fax us with your requirements, we will be delighted to provide a quotation. Solvent "ME" is methanol. Independent Second Lots are available to meet QA requirements - when ordering please specify, "Not Lot *****" if you already have one lot, or "Two Different Lots" when ordering two units.

| Description | CAS | Formula | MW | Cat.No. | Conc. | Unit | Price |
|-----------------------------------|------------|---|--------|--------------|------------|--------|-------|
| Bromochlorodifluoromethane | 353-59-3 | CBrClF ₂ | 165.4 | XA10720500ME | 100 ng/µl | 1 ml | CH |
| 1-Bromo-2-chloroethane | 107-04-0 | C ₂ H ₄ BrCl | 143.42 | CA10720700 | certified | 0.25 g | CA |
| | | | | XA10720700ME | 100 ng/µl | 1 ml | CH |
| Bromochloromethane | 74-97-5 | CH ₂ BrCl | 129.39 | CA10720800 | certified | 0.25 g | CA |
| | | | | XA10720800ME | 100 ng/µl | 1 ml | CE |
| | | | | YA10720800ME | 2000 ng/µl | 1 ml | DH |
| 1-Bromo-3-chloropropane | 109-70-6 | C ₃ H ₆ BrCl | 157.44 | CA10722000 | certified | 0.5 g | CA |
| | | | | Y 10722000EL | 2000 ng/µl | 10 ml | GD |
| 2-Bromo-1-chloropropane | 3017-95-6 | C ₃ H ₆ BrCl | 157.44 | CA10722200 | certified | 0.25 g | CC |
| | | | | L 10722200ME | 10 ng/µl | 10 ml | CH |
| | | | | YA10722200ME | 2000 ng/µl | 1 ml | DH |
| Bromodichloromethane | 75-27-4 | CHBrCl ₂ | 163.83 | CA10726700 | certified | 1 ml | CA |
| | | | | L 10726700ME | 10 ng/µl | 10 ml | DA |
| | | | | XA10726700ME | 100 ng/µl | 1 ml | CH |
| | | | | YA10726700ME | 5000 ng/µl | 1 ml | EC |
| Bromoethane | 74-96-4 | C ₂ H ₅ Br | 108.97 | CA10728000 | certified | 0.5 g | BH |
| | | | | XA10728000IO | 100 ng/µl | 1 ml | CE |
| Bromomethane | 74-83-9 | CH ₃ Br | 94.94 | XA10734000ME | 100 ng/µl | 1 ml | DC |
| 1-Bromopropane (Propylbromide) | 106-94-5 | C ₃ H ₇ Br | 123.00 | CA10759500 | certified | 0.25 g | CA |
| 2-Bromopropane (Isopropylbromide) | 75-26-3 | C ₃ H ₇ Br | 123.00 | CA10759600 | certified | 0.25 g | CA |
| 2-Bromopropene | 557-93-7 | C ₃ H ₅ Br | 120.98 | CA10760500 | certified | 0.25 g | CC |
| Bromotrichloromethane | 75-62-7 | CBrCl ₃ | 198.28 | CA10765000 | certified | 0.5 g | CC |
| | | | | L 10765000ME | 10 ng/µl | 10 ml | CE |
| | | | | XA10765000ME | 100 ng/µl | 1 ml | CE |
| 1-Chloro-1,1-difluoroethane | 75-68-3 | C ₂ ClF ₂ H ₃ | 100.5 | XA11404000ME | 100 ng/µl | 1 ml | DH |
| Chlorodifluoromethane | 75-45-6 | CHClF ₂ | 86.5 | XA11404400EA | 100 ng/µl | 1 ml | DH |
| | | | | XA11404400ME | 100 ng/µl | 1 ml | DH |
| Chloroethane | 75-00-3 | C ₂ H ₅ Cl | 64.52 | XA11409000ME | 100 ng/µl | 1 ml | CH |
| Chloropentafluoroethane | 76-15-3 | C ₂ ClF ₅ | 154.5 | XA11458000ME | 100 ng/µl | 1 ml | CH |
| 1-Chloropropane | 540-54-5 | C ₃ H ₇ Cl | 78.54 | CA11502500 | certified | 0.25 g | CA |
| 2-Chloropropane | 75-29-6 | C ₃ H ₇ Cl | 78.54 | CA11502600 | certified | 0.25 g | CA |
| Chlorotrifluoroethene | 79-38-9 | C ₂ ClF ₃ | 116.14 | XA11534300ME | 100 ng/µl | 1 ml | CH |
| Chlorotrifluoromethane | 75-72-9 | CClF ₃ | 104.5 | XA11534600ME | 100 ng/µl | 1 ml | CH |
| 1,2-Dibromo-1-chloroethane | 598-20-9 | C ₂ H ₃ Br ₂ Cl | 222.31 | XA12234500ME | 100 ng/µl | 1 ml | CE |
| Dibromochloromethane | 124-48-1 | CHBr ₂ Cl | 208.29 | CA12234700 | certified | 1 ml | CC |
| | | | | L 12234700ME | 10 ng/µl | 10 ml | CE |
| | | | | LA12234700ME | 10 ng/µl | 1 ml | CA |
| | | | | XA12234700ME | 100 ng/µl | 1 ml | CC |
| YA12234700ME | 2000 ng/µl | 1 ml | DH | | | | |
| 1,2-Dibromo-3-chloropropane | 96-12-8 | C ₃ H ₃ Br ₂ Cl | 236.36 | CA12235000 | certified | 0.25 g | CH |
| | | | | L 12235000ME | 10 ng/µl | 10 ml | CH |
| | | | | YA12235000ME | 2000 ng/µl | 1 ml | CC |
| 1,2-Dibromo-1,1-dichloroethane | 75-81-0 | C ₂ H ₂ Br ₂ Cl ₂ | 256.75 | L 12236500ME | 10 ng/µl | 10 ml | CH |
| | | | | XA12236500ME | 100 ng/µl | 1 ml | CH |
| Dibromodichloromethane | 594-18-3 | CBr ₂ Cl ₂ | 242.74 | CA12237000 | certified | 0.1 g | CC |
| 1,2-Dibromo-1,1-difluoroethane | 75-82-1 | C ₂ H ₂ Br ₂ F ₂ | 223.8 | CA12237500 | certified | 0.25 g | CH |
| Dibromodifluoromethane | 75-61-6 | CBr ₂ F ₂ | 209.83 | XA12238000ME | 100 ng/µl | 1 ml | CH |
| 1,2-Dibromoethane | 106-93-4 | C ₂ H ₄ Br ₂ | 187.87 | CA12240000 | certified | 0.5 g | CC |
| | | | | XA12240000ME | 100 ng/µl | 1 ml | CH |
| | | | | YA12240000ME | 1000 ng/µl | 1 ml | DC |
| 1,2-Dibromoethene | 540-49-8 | C ₂ H ₂ Br ₂ | 185.86 | CA12240200 | certified | 0.25 g | CC |
| Dibromomethane | 74-95-3 | CH ₂ Br ₂ | 173.85 | CA12240500 | certified | 0.25 g | CA |
| | | | | XA12240500ME | 100 ng/µl | 1 ml | CE |
| 1,2-Dibromopropane | 78-75-1 | C ₃ H ₆ Br ₂ | 201.90 | CA12241900 | certified | 0.25 g | CA |

Dr. Ehrenstorfer Reference Materials

| Description | CAS | Formula | MW | Cat.No. | Conc. | Unit | Price |
|-------------------------------------|------------|---|--------|--|-----------|---|----------------------|
| 1,3-Dibromopropane | 109-64-8 | C ₃ H ₆ Br ₂ | 201.90 | CA12242000 | certified | 0.5 g | CE |
| 1,2-Dibromotetrafluoroethane | 124-73-2 | C ₂ Br ₂ F ₄ | 259.8 | XA12243000ME | 100 ng/µl | 1 ml | CH |
| 1,1-Dichloro-2,2-difluoroethene | 79-35-6 | C ₂ Cl ₂ F ₂ | 132.92 | XA12421000ME | 100 ng/µl | 1 ml | CH |
| Dichlorodifluoromethane | 75-71-8 | CCl ₂ F ₂ | 120.9 | X 12421200ME XA12421200ME | 100 ng/µl | 10 ml 1 ml | DA CH |
| 1,1-Dichloroethane | 75-34-3 | C ₂ H ₄ Cl ₂ | 98.96 | CA12422000 XA12422000ME | certified | 0.1 g 100 ng/µl | CA CE |
| 1,2-Dichloroethane | 107-06-2 | C ₂ H ₄ Cl ₂ | 98.96 | CA12422200 L 12422200ME XA12422200ME YA12422200ME | certified | 1 ml 10 ng/µl 100 ng/µl 1000 ng/µl | CH CH CH CC |
| 1,2-Dichloroethane D4 | 17060-07-0 | C ₂ D ₄ Cl ₂ | 102 | CA12422300 YA12422300ME | certified | 0.1 g 2000 ng/µl | DC DF |
| 1,1-Dichloroethene | 75-35-4 | C ₂ H ₂ Cl ₂ | 96.94 | CA12422400 L 12422400ME XA12422400ME | certified | 1 ml 10 ng/µl 100 ng/µl | CH CE CE |
| cis-1,2-Dichloroethene | 156-59-2 | C ₂ H ₂ Cl ₂ | 96.94 | CA12422500 L 12422500ME XA12422500ME | certified | 0.1 g 10 ng/µl 100 ng/µl | CC CE CE |
| trans-1,2-Dichloroethene | 156-60-5 | C ₂ H ₂ Cl ₂ | 96.94 | CA12422600 L 12422600ME XA12422600ME | certified | 0.1 g 10 ng/µl 100 ng/µl | CC CE CE |
| 1,1-Dichloro-1-fluoroethane | 1717-00-6 | C ₂ H ₃ Cl ₂ F | 116.95 | XA12422800ME | 100 ng/µl | 1 ml | CH |
| 1,2-Dichlorofluoroethane | 430-57-9 | C ₂ H ₃ Cl ₂ F | 116.95 | XA12422900ME | 100 ng/µl | 1 ml | CH |
| Dichlorofluoromethane | 75-43-4 | CHCl ₂ F | 102.92 | XA12423100ME | 100 ng/µl | 1 ml | CH |
| Dichloromethane | 75-09-2 | CH ₂ Cl ₂ | 84.93 | CA12424500 XA12424500ME YA12424500ME | certified | 5 ml 100 ng/µl 1000 ng/µl | CA CE EC |
| 1,1-Dichloropropane | 78-99-9 | C ₃ H ₆ Cl ₂ | 112.99 | XA12479900ME | 100 ng/µl | 1 ml | CH |
| 1,2-Dichloropropane | 78-87-5 | C ₃ H ₆ Cl ₂ | 112.99 | CA12480000 XA12480000CY | certified | 1 ml 100 ng/µl | CA CA |
| 1,3-Dichloropropane | 142-28-9 | C ₃ H ₆ Cl ₂ | 112.99 | CA12481000 XA12481000CY | certified | 0.25 g 100 ng/µl | CA CE |
| 2,2-Dichloropropane | 594-20-7 | C ₃ H ₆ Cl ₂ | 112.99 | CA12481200 XA12481200ME | certified | 0.25 g 100 ng/µl | CA CE |
| 1,1-Dichloro-1-propene | 563-58-6 | C ₃ H ₄ Cl ₂ | 110.97 | XA12489500ME | 100 ng/µl | 1 ml | CE |
| cis-1,3-Dichloropropene (technical) | 10061-01-5 | C ₃ H ₄ Cl ₂ | 110.97 | L 12489800ME XA12489800ME | 10 ng/µl | 10 ml 1 ml | DA DA |
| trans-1,3-Dichloropropene | 10061-02-6 | C ₃ H ₄ Cl ₂ | 110.97 | L 12489900ME XA12489900ME | 10 ng/µl | 10 ml 1 ml | DA DA |
| 2,3-Dichloro-1-propene | 78-88-6 | C ₃ H ₄ Cl ₂ | 110.97 | CA12490500 XA12490500ME | certified | 0.25 g 100 ng/µl | CA CE |
| 1,2-Dichlorotetrafluoroethane | 76-14-2 | C ₂ Cl ₂ F ₄ | 170.9 | XA12504000ME | 100 ng/µl | 1 ml | CH |
| 2,2-Dichloro-1,1,1-trifluoroethane | 306-83-2 | C ₂ HCl ₂ F ₃ | 152.93 | CA12506500 XA12506500ME | certified | 0.1 g 100 ng/µl | CC CH |
| 1,1-Difluoroethene | 75-38-7 | C ₂ H ₂ F ₂ | 64.0 | XA12633100ME | 100 ng/µl | 1 ml | CH |
| 1,2-Difluorotetrachloroethane | 76-12-0 | C ₂ Cl ₄ F ₂ | 203.8 | XA12633600ME | 100 ng/µl | 1 ml | CH |
| Fluoropentachloroethane | 354-56-3 | C ₂ Cl ₅ F | 220.3 | XA13795000ME | 100 ng/µl | 1 ml | CH |
| 1-Fluoro-1,1,2-trichloroethane | 811-95-0 | C ₂ H ₂ Cl ₃ F | 151.4 | XA13798300ME | 100 ng/µl | 1 ml | EF |
| Fluorotrichloromethane | 75-69-4 | CCl ₃ F | 137.37 | CA13798500 L 13798500CY XA13798500ME YA13798500ME | certified | 0.25 g 10 ng/µl 100 ng/µl 5000 ng/µl | CA CE CE EA |
| Hexachloroethane | 67-72-1 | C ₂ Cl ₆ | 236.74 | CA14172000 L 14172000IO XA14172000ME | certified | 0.25 g 10 ng/µl 100 ng/µl | CA CE CE |
| Iodomethane | 74-88-4 | CH ₃ I | 141.94 | CA14343000 L 14343000ME YA14343000MW | certified | 0.25 g 10 ng/µl 2000 ng/µl | CA CE DF |
| Pentachloroethane | 76-01-7 | C ₂ HCl ₅ | 202.30 | CA15965000 XA15965000ME | certified | 0.25 g 100 ng/µl | CA CE |
| Perfluoroethane | 76-16-4 | C ₂ F ₆ | 138.01 | XA15986800ME | 100 ng/µl | 1 ml | CH |
| 1,1,2,2-Tetrabromoethane | 79-27-6 | C ₂ H ₂ Br ₄ | 345.67 | CA17325000 | certified | 0.25 g | CC |
| Tetrabromomethane | 558-13-4 | CBr ₄ | 331.65 | CA17326000 | certified | 0.25 g | CC |

Dr. Ehrenstorfer Reference Materials

| Description | CAS | Formula | MW | Cat.No. | Conc. | Unit | Price |
|--------------------------------|----------|---|--------|----------------------------|------------------------|--------------|----------|
| 1,1,1,2-Tetrachloroethane | 630-20-6 | C ₂ H ₂ Cl ₄ | 167.85 | CA17358000 | certified | 1 ml | CC |
| | | | | XA17358000ME | 100 ng/µl | 1 ml | CE |
| 1,1,2,2-Tetrachloroethane | 79-34-5 | C ₂ H ₂ Cl ₄ | 167.85 | CA17358100 | certified | 1 ml | CC |
| | | | | L 17358100ME | 10 ng/µl | 10 ml | CE |
| | | | | XA17358100ME | 100 ng/µl | 1 ml | CE |
| Tetrachloroethene | 127-18-4 | C ₂ Cl ₄ | 165.83 | CA17358300 | certified | 5 ml | CA |
| | | | | XA17358300ME | 100 ng/µl | 1 ml | CE |
| | | | | Y 17358300ME | 1000 ng/µl | 10 ml | FK |
| Tetrachloromethane | 56-23-5 | CCl ₄ | 153.82 | CA17359500 XA17359500ME | certified 100 ng/µl | 5 ml 1 ml | CA CE |
| 1,1,1,2-Tetrafluoroethane | 811-97-2 | C ₂ H ₂ F ₄ | 102.0 | XA17404000ME | 100 ng/µl | 1 ml | CH |
| Tribromomethane | 75-25-2 | CHBr ₃ | 252.75 | CA17665500 | certified | 1 ml | CC |
| | | | | L 17665500ME | 10 ng/µl | 10 ml | CE |
| | | | | XA17665500ME | 100 ng/µl | 1 ml | CE |
| | | | | YA17665500ME | 5000 ng/µl | 1 ml | EC |
| 1,1,1-Trichloroethane | 71-55-6 | C ₂ H ₃ Cl ₃ | 133.40 | CA17738300 | certified | 1 ml | BH |
| | | | | L 17738300ME | 10 ng/µl | 10 ml | CE |
| | | | | XA17738300ME | 100 ng/µl | 1 ml | CE |
| 1,1,2-Trichloroethane | 79-00-5 | C ₂ H ₃ Cl ₃ | 133.41 | CA17738500 | certified | 1 ml | BH |
| | | | | L 17738500ME | 10 ng/µl | 10 ml | CE |
| | | | | XA17738500ME | 100 ng/µl | 1 ml | CE |
| Trichloromethane | 67-66-3 | CHCl ₃ | 119.35 | CA17739500 | certified | 5 ml | CA |
| | | | | L 17739500ME | 10 ng/µl | 10 ml | CE |
| | | | | XA17739500ME | 100 ng/µl | 1 ml | CE |
| | | | | YA17739500ME | 5000 ng/µl | 1 ml | EC |
| 1,2,3-Trichloropropane | 96-18-4 | C ₃ H ₅ Cl ₃ | 147.43 | CA17780000 | certified | 0.5 g | CE |
| | | | | L 17780000ME | 10 ng/µl | 10 ml | CE |
| | | | | XA17780000ME | 100 ng/µl | 1 ml | CC |
| 1,1,1-Trichlorotrifluoroethane | 354-58-5 | C ₂ Cl ₃ F ₃ | 187.38 | CA17788200 | certified | 0.25 g | CC |
| | | | | L 17788200ME | 10 ng/µl | 10 ml | CE |
| 1,1,2-Trichlorotrifluoroethane | 76-13-1 | C ₂ Cl ₃ F ₃ | 187.38 | CA17788300 | certified | 0.25 g | CA |
| | | | | L 17788300ME | 10 ng/µl | 10 ml | CE |
| | | | | XA17788300ME | 100 ng/µl | 1 ml | CE |
| 1,1,1-Trifluoroethane | 420-46-2 | C ₂ H ₃ F ₃ | 84.04 | XA17844500ME | 100 ng/µl | 1 ml | CH |
| Trifluoromethane | 75-46-7 | CHF ₃ | 70.01 | X 17844700ME | 100 ng/µl | 10 ml | DA |

Mix of deuterated Compounds for VOC Analysis

1,2-Dichloroethane D4
Naphthalene D8
Toluene D8

120 ng/µl each component
in acetone 1ml
XA18200100AC DF

Highly Volatile Halocarbons Mix

These mixes have been designed by our customers, many for European methodology, should you not find a mix, that meets your need, please telephone or fax us with your requirements, including a list of components, concentrations, solvent and quantity required. We can produce any mix and will be delighted to provide a quote. More mixtures may be found in the EPA section.

VOC - Mix 1

Bromodichloromethane
Bromoform
Chloroform
Dibromochloromethane

100 ng/µl each component
in methanol 1ml
XA05010100ME CE

VOC - Mix 2

Bromomethane
Chloroethane
Chloromethane
Dichlorodifluoromethane
Trichlorofluoromethane
Vinyl chloride

200 ng/µl each component
in methanol 1ml
XA05020100ME CH

2000 ng/µl each component
in methanol 1ml
YA05020100ME DH

VOC - Mix 3

Bromochloromethane
Bromoform
Carbon tetrachloride
Chloroform
Dibromomethane
1,1-Dichloroethane
2,2-Dichloropropane
Tetrachloroethene
1,1,1-Trichloroethane

2000 ng/µl each component
in methanol 1ml
YA05020300ME DH

VOC - Mix 4

1,2-Dibromo-3-chloropropane
1,2-Dibromoethane (EDB)
1,2-Dichloroethane
1,2-Dichloropropane
1,3-Dichloropropane
1,3-Dichloropropene*
1,1-Dichloropropene
Hexachlorobutadiene
1,1,1,2-Tetrachloroethane
1,1,2,2-Tetrachloroethane
1,1,2-Trichloroethane
Trichloroethylene
1,2,3-Trichloropropane

2000 ng/µl each component
in methanol 1ml
YA05020400ME DH

*4000 ng/µl total, 52% cis, 48% trans

VOC - Mix 15

Benzene
Bromobenzene
Bromochloromethane
Bromodichloromethane
Bromoform
n-Butyl benzene
tert-Butyl benzene
sec-Butyl benzene
Carbon tetrachloride
Chlorobenzene
Chloroform
2-Chlorotoluene
4-Chlorotoluene
1,2-Dibromo-3-chloropropane
Dibromochloromethane
1,2-Dibromoethane
Dibromomethane
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
1,1-Dichloroethane
1,2-Dichloroethane
cis-1,2-Dichloroethene
trans-1,2-Dichloroethene
1,1-Dichloroethene
1,2-Dichloropropane
1,3-Dichloropropane
2,2-Dichloropropane
1,1-Dichloropropene
*1,3-Dichloropropene
Ethylbenzene
Hexachlorobutadiene
Isopropylbenzene
p-Isopropyl toluene
dichloromethane
Naphthalene
N-Propyl benzene
Styrene
1,1,1,2-Tetrachloroethane
1,1,2,2-Tetrachloroethane
Tetrachloroethene
Toluene
1,2,3-Trichlorobenzene
1,2,4-Trichlorobenzene
1,1,1-Trichloroethane
1,1,2-Trichloroethane
Trichloroethene
1,2,3-Trichloropropane
1,2,4-Trimethylbenzene
1,3,5-Trimethylbenzene
m-Xylene
o-Xylene
p-Xylene
(53 compounds)

200 ng/µl each component
in methanol 1ml
XA05021500ME HD

* (400n g/µl total 52% cis, 48% trans)

VOC - Mix 20

Benzene
Bromobenzene
Bromochloromethane
Bromodichloromethane
Bromoform
Bromomethane
n-Butyl benzene
tert-Butyl benzene
sec-Butyl benzene
Carbon tetrachloride
Chlorobenzene
Chloroethane
Chloroform
Chloromethane
2-Chlorotoluene
4-Chlorotoluene
1,2-Dibromo-3-chloropropane
Dibromochloromethane
1,2-Dibromoethane
Dibromomethane
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
Dichlorodifluoromethane
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
*1,3-Dichloropropene
Ethylbenzene
Hexachlorobutadiene
Isopropylbenzene
p-Isopropyl toluene
dichloromethane
Naphthalene
n-Propyl benzene
Styrene
1,1,1,2-Tetrachloroethane
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
1,2,3-Trichloropropane
1,2,4-Trimethylbenzene
1,3,5-Trimethylbenzene
m-Xylene
o-Xylene
p-Xylene
(59 compounds)

200 ng/µl each component
in methanol 1ml
XA05022000ME HL

* (400 ng/µl total 52% cis, 48% trans)

VOC - Mix 524

Bromodichloromethane
 Dibromochloromethane
 1,1-Dichloroethene
 cis-1,2-Dichloroethene
 trans-1,2-Dichloroethene
 Dichloromethane (Methylene chloride)

2000 ng/µl each component
 in methanol 1ml
 YA05020200ME DH

VOC - Mix 21

Bromodichloromethane
 Chlorodibromomethane
 1,2-Dibromoethane
 1,2-Dichloroethane
 Tetrachloroethene
 Tetrachloromethane
 Tribromomethane
 1,1,1-Trichloroethane
 Trichloroethene
 Trichloromethane

200 ng/µl each component
 in methanol 1ml
 XA05022100ME EF

VOC - Mix 23

| | |
|----------------------|----------|
| Bromodichloromethane | 50 ng/µl |
| Bromoform | 50 ng/µl |
| Carbon tetrachloride | 6 ng/µl |
| Chlorodibromomethane | 50 ng/µl |
| Chloroform | 50 ng/µl |
| Tetrachloroethene | 20 ng/µl |
| Trichloroethene | 60 ng/µl |

in methanol 1ml
 XA05022300ME CH

VOC-Mix 108

| | |
|---------------------------|------------|
| Bromochloromethane | 1000 ng/µl |
| Bromodichloromethane | 1000 ng/µl |
| Chlorobenzene | 1000 ng/µl |
| Dibromochloromethane | 1000 ng/µl |
| Dibromomethane | 1000 ng/µl |
| 1,2-Dichlorobenzene | 1000 ng/µl |
| 1,3-Dichlorobenzene | 1000 ng/µl |
| 1,1-Dichloroethane | 1000 ng/µl |
| 1,2-Dichloroethane | 1000 ng/µl |
| 1,1-Dichloroethene | 1000 ng/µl |
| cis-1,2-Dichloroethene | 1000 ng/µl |
| trans-1,2-Dichloroethene | 1000 ng/µl |
| Dichloromethane | 1000 ng/µl |
| 1,2-Dichloropropane | 1000 ng/µl |
| 1,3-Dichloropropane | 1000 ng/µl |
| Hexachlorobutadiene | 1000 ng/µl |
| 1,1,1,2-Tetrachloroethane | 1000 ng/µl |
| 1,1,2,2-Tetrachloroethane | 1000 ng/µl |
| Tetrachloroethene | 50 ng/µl |
| Tetrachloromethane | 50 ng/µl |
| Tribromomethane | 1000 ng/µl |
| 1,1,1-Trichloroethane | 1000 ng/µl |
| 1,1,2-Trichloroethane | 1000 ng/µl |
| 1,1,2-Trichloroethene | 1000 ng/µl |
| Trichloromethane | 1000 ng/µl |

in methanol 10x1,5 ml
 YS05700800ME CAA

Fortification Solution - Mix 19

4-Bromofluorobenzene
 1,2-Dichlorobenzene
 Fluorobenzene

2000 ng/µl each component
 in methanol 1ml
 YA05021900ME DC

VOC - Mix 1

Bromodichloromethane
 Bromoform
 Chloroform
 Dibromochloromethane

100 ng/µl each component
 in methanol 1ml
 XA05010100ME CE

Aromatic VOC Mix 1

Benzene
 Chlorobenzene
 1,2-Dichlorobenzene
 1,3-Dichlorobenzene
 1,4-Dichlorobenzene
 Ethylbenzene
 Toluene
 m-Xylene
 o-Xylene
 p-Xylene

2000 ng/µl each component
 in methanol 1ml
 YA08020100ME DF

Mix of Aromatic Hydrocarbons 2

Benzene
 Ethylbenzene
 Toluene
 o-Xylene
 m-Xylene
 p-Xylene

10 ng/µl each compound
 in methanol 10ml
 L 19070200ME GK

100 ng/µl each compound
 in methanol 10ml
 X 19070200ME GK

Aromatic Hydrocarbons Mix 11

Benzene
 Ethylbenzene
 Toluene
 o-Xylene
 m-Xylene
 p-Xylene

2000 ng/µl each component
 in methanol 1ml
 YA04000100ME DA

Aromatic VOC Mix 3

Benzene
 Chlorobenzene
 1,2-Dichlorobenzene
 1,3-Dichlorobenzene
 1,4-Dichlorobenzene
 Ethylbenzene
 Styrene
 Toluene
 m-Xylene
 o-Xylene
 p-Xylene

100 ng/µl each component
 in methanol 1ml
 XA08020300ME DH

2000 ng/µl each component
 in methanol 1ml
 YA08020300ME DH

Mix of Aromatic Hydrocarbons 13

DIN 38407-F19

Benzene
 Ethylbenzene
 Toluene
 o-Xylene
 m-Xylene
 p-Xylene
 1,2,3-Trimethylbenzene
 1,2,4-Trimethylbenzene
 1,3,5-Trimethylbenzene

10000 ng/µl each component
 in hexane 1 ml
 YA19071300HE EH

Aromatic Comp.-Mix 16

DIN V 38407-F16

| | |
|--------------------------|----------|
| 4-Bromoaniline | 10 ng/µl |
| 2-Chloroaniline | 10 ng/µl |
| 3-Chloroaniline | 10 ng/µl |
| 4-Chloroaniline | 10 ng/µl |
| 3-Chloro-4-methylaniline | 10 ng/µl |
| 4-Chloro-2-methylaniline | 10 ng/µl |
| 2,4-Dichloroaniline | 10 ng/µl |
| 2,6-Dichloroaniline | 10 ng/µl |
| 3,4-Dichloroaniline | 10 ng/µl |
| 3,5-Dichloroaniline | 10 ng/µl |
| N,N-Dimethylaniline | 10 ng/µl |
| 2,6-Dimethylaniline | 10 ng/µl |
| o-Toluidine | 10 ng/µl |
| 2,3,4-Trichloroaniline | 10 ng/µl |
| 2,4,5-Trichloroaniline | 10 ng/µl |
| 2-Trifluoromethylaniline | 20 ng/µl |
| 3-Trifluoromethylaniline | 10 ng/µl |

in methanol 1 ml
 LA19071600ME KE