

TECH NOTES



Low Velocity Sampling Rates for Environmental Sampling Using ULTRA Passive Samplers

Chemicals*	Low Velocity (< 5 cm/sec) Sampling Rate (ml/min)
1,1,1-Trichloroethane	9.40
1,1,2,2-Tetrachloroethane	9.98
1,1,2-Trichloroethane	9.64
1,1-Dichloroethane	9.25
1,1-Dichloroethylene	9.74
1,2,4-Trimethylbenzene	9.92
1,2-Dibromoethane	9.06
1,2-Dichlorobenzene	10.70
1,2-Dichloroethylene	11.50
1,2-Dichloroethane	11.79
1,2-Dichloropropane	10.44
1,2,3-Trichloropropane	6.1
1,3,5-Trimethylbenzene	7.29
1,3-Butadiene	10.41
1,4-Dichlorobenzene	10.74
1,4-Dioxane	8.64
t-Butyl ethyl ether	9.725
4-t-Butyl toluene	4.01
4-Ethyltoluene	3.95
Acetone	12.60
Acrylonitrile	18.76
alpha-Pinene	7.06
t-Amyl methyl ether	10.96
Benzene	10.70
Bromodichloromethane	8.57
Bromoform	9.43
1-Bromopropane	8.47
n-Butyl acetate	10.40
Butyl acrylate	8.23
Carbon tetrachloride	10.41
3-Carene	6.83
Chlorobenzene	5.98

* The compounds in bold have a partial or full validation.

Chloroform	10.14
3-Chlorostyrene	5.15
cis-1,2-Dichloroethene	11.54
cis-1,3-Dichloropropene	6.74
Cumene	8.97
Cyclohexane	7.76
Cyclohexanone	8.13
Decane	4.96
DIBK	6.34
Dibromochloromethane	7.58
Ethanol	11.7
Ethyl acetate	9.26
Ethyl acrylate	7.61
Ethyl benzene	9.02
Ethyl methacrylate	8.96
2-Ethyltoluene	6.59
4-Ethyltoluene	8.34
3-Ethyltoluene	5.29
Heptane	9.38
Hexafluorobenzene	7.77
Hexane	9.59
2-Hexanone	6.46
Isopropyl acetate	9.57
Isopentane	8.41
Isopropyl alcohol	10.17
Limonene	5.55
Methyl acrylate	13.01
Methy tert-butyl ether	9.84
Methyl butyl ketone (2-hexanone)	6.46
Methyl cyclohexanol	4.97
Methyl ethyl ketone	6.27
Methyl isobutyl ketone	7.29
Methylcyclohexane	8.89
Methylene chloride	10.29
Methyl methacrylate	9.52
Monochlorotoluene (Oxsol 10)	6.22
m-Xylene	7.78
Napthalene	2.71
n-Butyl acetate	10.35
Nonane	6.55
n-Propylbenzene	6.41
Octafluorotoluene	9.32
Octane	8.58
p-Chlorobenzotrifluoride (Oxsol 100)	7.30
o-Xylene	8.11
Pentane	10.71
p-Xylene	8.42
Styrene	9.04

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Tetrachloroethylene (PCE)	10.00
Tetrahydrofuran	10.30
Toluene	8.90
trans 1,2-Dichloroethene	10.20
trans-1,3-Dichloropropene	6.62
1,2,4-Trichlorobenzene	4.6
Trichloroethylene (TCE)	11.47
Trifluoromethylbenzene (Oxsol 2000)	7.35
Vinyl acetate	11.40
Vinyl chloride	17.35

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