

## Highly Reactive Volatile Organic Compounds Standards (HRVOC)

DCG prepares HRVOC standards blended to our customers' specifications. These standards are gravimetrically prepared and N.I.S.T. Traceable by weight with the gravimetric values verified by one or more analytical methods. The following standards are examples of what DCG prepares. Please call your DCG Technical Specialist for assistance in determining the composition of a standard that meets your needs.

	Mole	Mole	Mole	Mole	Mole	Mole
Methane	4.00 ppm	8.00 ppm	12.0 ppm	50.0 ppm	100 ppm	150 ppm
Ethane	4.00 ppm	8.00 ppm	12.0 ppm	50.0 ppm	100 ppm	150 ppm
Ethylene	5.00 ppm	10.0 ppm	15.0 ppm	50.0 ppm	100 ppm	150 ppm
Acetylene				50.0 ppm	100 ppm	150 ppm
Propane	7.00 ppm	14.0 ppm	21.0 ppm	50.0 ppm	100 ppm	150 ppm
Propylene	3.30 ppm	6.60 ppm	9.90 ppm	50.0 ppm	100 ppm	150 ppm
Isobutane	7.00 ppm	14.0 ppm	21.0 ppm	50.0 ppm	100 ppm	150 ppm
N-Butane	7.00 ppm	14.0 ppm	21.0 ppm	50.0 ppm	100 ppm	150 ppm
Trans-2-Butene	3.00 ppm	6.00 ppm	9.00 ppm	50.0 ppm	100 ppm	150 ppm
Cis-2-Butene	3.00 ppm	6.00 ppm	9.00 ppm	50.0 ppm	100 ppm	150 ppm
Butene-1	3.00 ppm	6.00 ppm	9.00 ppm	50.0 ppm	100 ppm	150 ppm
Isobutylene	3.00 ppm	6.00 ppm	9.00 ppm	50.0 ppm	100 ppm	150 ppm
Isopentane	4.00 ppm	8.00 ppm	12.0 ppm			
N-Pentane	4.00 ppm	8.00 ppm	12.0 ppm			
1,3 Butadiene	3.00 ppm	6.00 ppm	9.00 ppm			
Helium	Balance	Balance	Balance	Balance	Balance	Balance

