

Application Note VO-102

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Response responses and Ranges for some Common VOCs

For the Eco Sensors Model C-21

:

	<u>First detects</u> (Second green bar)	<u>Alarms</u> (First red bar)	<u>TLV*</u>	<u>Recommended for</u> <u>This Chemical?</u>
	ppm	ppm	ppm	
Acetone	4-5	20-25	750	yes
Benzene	5-10	25-50	10	no
Diacetone alcohol	5-10	25-50	50	yes
Formaldehyde	1-5	15-25	0.1	no
Methylene chloride	8-10	40-50	50	yes
Methyl ethyl ketone	3-5	15-20	200	yes
Perchloroethylene	5	50	50	yes
Toluene	3-5	15-25	50	yes
Trichloroethylene	10-20	50-100	50	yes

*Threshold Limit Value. Average estimate of government industrial hygienists for repeated worker exposure.

Our instruments are very good at early warning in semi-quantitative terms, and for follow-up leak tracking, but they are not designed or sold as specific gas analyzers.