

Analytical Method Information

Analyte	MDL	Reporting Limit	Surrogate %R	Duplicate RPD	Matrix Spike %R	Matrix Spike RPD	Blank Spike / LCS %R	Blank Spike / LCS RPD
mVOCs by GC/MS SIMS in Air (GC/MS-SIMS)								
Preservation: Store cool at 4°C in Dark								
Container: Carbon tube								
				Amount Required: 1 Carbon Tube	Hold Time: 14 days			
tert-Amyl alcohol (2-Methyl-2-butanc	40.4	41.7 ug/m ³ Air		30				
Benzene	1.50	8.33 ug/m ³ Air		30	70 - 128	30	68 - 123	30
1-Butanol (Butyl alcohol)	49.0	208 ug/m ³ Air		30				
2-Butanol (sec-Butyl alcohol)	33.0	41.7 ug/m ³ Air		30				
tert-Butyl alcohol (2-Methyl-2-propar	36.4	41.7 ug/m ³ Air		30				
Chlorobenzene	0.960	8.33 ug/m ³ Air		30	74 - 119	30	72 - 114	30
1,1-Dichloroethene	2.17	4.17 ug/m ³ Air		30	60 - 133	30	60 - 127	30
Ethanol	28.7	208 ug/m ³ Air		30				
Geosmin	4.04	4.17 ug/m ³ Air		30				
2-Heptanone	3.00	4.17 ug/m ³ Air		30				
2-Hexanone	2.96	4.17 ug/m ³ Air		30				
Isobutyl alcohol (2-Methyl-1-propano	22.9	41.7 ug/m ³ Air		30				
Isopropyl alcohol (2-Propanol)	22.0	41.7 ug/m ³ Air		30				
2-Isopropyl-3-methoxyprazine	3.88	4.17 ug/m ³ Air		30				
2-Methyl-1-butanol	36.2	41.7 ug/m ³ Air		30				
3-Methyl-1-butanol	45.7	83.3 ug/m ³ Air		30				
3-Methyl-2-butanol	19.8	41.7 ug/m ³ Air		30				
2-Methyl-isoborneol	3.29	4.17 ug/m ³ Air		30				
3-Octanol	4.21	8.33 ug/m ³ Air		30				
3-Octanone (Ethyl amyl ketone)	2.50	4.17 ug/m ³ Air		30				
1-Octen-3-ol	31.3	208 ug/m ³ Air		30				
trans-2-Octen-1-ol	25.9	417 ug/m ³ Air		30				
1-Pentanol	37.3	417 ug/m ³ Air		30				
2-Pentanol	37.9	83.3 ug/m ³ Air		30				
1-Propanol	208	208 ug/m ³ Air		30				
Terpineol	33.3	41.7 ug/m ³ Air		30				
Toluene	1.00	8.33 ug/m ³ Air		30	72 - 125	30	70 - 119	30
Trichloroethene	2.04	4.17 ug/m ³ Air		30	73 - 119	30	73 - 113	30
surr: 4-Bromofluorobenzene	2.00		80 - 135					
surr: Dibromofluoromethane	2.00		80 - 120					