



12/1/2009

## Analytical Method Information

### 1666 VOC-PMI P&T in Water (EPA 1666)

Preservation: <6°C, Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> (If Chlorinated), HCl

Hold Time: 14 days

Container: 40 mL VOA Vial - 624/8260 Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>/HCL

Amount Required: 80 mL

Analyte	MDL	Reporting Limit	Surrogate % R	Duplicate RPD	Matrix Spike		Blank Spike / LCS	
					% R	RPD	% R	RPD
Cyclohexane	4.1	10 ug/l		30	70 - 136	30	70 - 136	30
Ethyl acetate	2.9	5.0 ug/l		30	57 - 160	30	57 - 160	30
Furfural	3.8	10 ug/l		30	0.1 - 297	30	0.1 - 297	30
Isobutyraldehyde	5.7	10 ug/l		30	63 - 180	30	63 - 180	30
Isopropyl acetate	1.0	5.0 ug/l		30	70 - 150	30	70 - 150	30
Isopropyl Ether	0.80	5.0 ug/l		30	70 - 129	30	70 - 129	30
Methyl Formate	6.7	20 ug/l		30	14 - 171	30	14 - 171	30
Methyl isobutyl ketone	0.52	5.0 ug/l		30	70 - 165	30	70 - 165	30
n-Amyl acetate	1.9	5.0 ug/l		30	70 - 130	30	70 - 130	30
n-Butyl Acetate	1.1	5.0 ug/l		30	70 - 130	30	70 - 130	30
n-Heptane	4.0	5.0 ug/l		30	70 - 164	30	70 - 164	30
n-Hexane	1.6	5.0 ug/l		30	70 - 157	30	70 - 157	30
Tert-butyl alcohol	5.9	10 ug/l		30	0.1 - 212	30	0.1 - 212	30
Tetrahydrofuran	4.3	10 ug/l		30	28 - 221	30	28 - 221	30

### 1666 VOC-PMI Dir Inj in Water (EPA 1666)

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Hold Time: 14 days

Container: 40 mL VOA Vial - 624/8260 Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub>/HCL

Amount Required: 80 mL

Analyte	MDL	Reporting Limit	Surrogate % R	Duplicate RPD	Matrix Spike		Blank Spike / LCS	
					% R	RPD	% R	RPD
Diethylamine	17	50 mg/l		30	58 - 139	30	58 - 139	30
Dimethyl Sulfoxide (DMSO)	3.7	20 mg/l		30	70 - 130	30	70 - 130	30
Methyl Cellosolve	4.1	20 mg/l		30	70 - 130	30	70 - 130	30
Triethylamine	22	50 mg/l		30	69 - 135	30	69 - 135	30