Acetonitrile (pptv)

UTC

Start Time 20:53:10
End Time 21:23:15

Avg = 37.5 ± 34.5

DC-8 PTR-MS
GV
Distance

Distance between planes (km)

Distance

DC8 - GV

05/25/12

R² = 0.173

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<table>
<thead>
<tr>
<th>Comparison Date</th>
<th>DC-8 PTR-MS</th>
<th>GV TOGA</th>
</tr>
</thead>
<tbody>
<tr>
<td>05/25/12</td>
<td>dc3-ptrms-acetonitrile_dc8_20120525_R1.ict</td>
<td>DC3-TOGA_GV_20120525_R2.ict</td>
</tr>
<tr>
<td>05/30/12</td>
<td>06/01/12</td>
<td>dc3-ptrms-acetonitrile_dc8_20120601_R1.ict</td>
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<td>dc3-ptrms-acetonitrile_dc8_20120605_R1.ict</td>
<td>DC3-TOGA_GV_20120605_R2.ict</td>
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<td>dc3-ptrms-acetonitrile_dc8_20120617_R1.ict</td>
<td>DC3-TOGA_GV_20120617_R2.ict</td>
</tr>
</tbody>
</table>

**Correlation Data**

- Merged DC-8 PTR-MS to GV TOGA time step.
- Fit lines are derived from orthogonal distance regressions.
- $R^2$ values are calculated independently, not from orthogonal distance regression.
- Average and standard deviation are calculated over the comparison time frame.
• Numbers on Colorbar correspond to the 5 intercomparison days
  1: 05/25/12, 2: 05/30/12, 3: 06/01/12, 4: 06/05/12, 5: 06/17/12

• Avg Bias denotes the difference between y and x, calculated by (y-x)