

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU101218\  
 Data File : VU027631.D  
 Acq On : 12 Oct 2018 18:08  
 Operator : MD/SY  
 Sample : J5403-14  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0903

Quant Time: Oct 13 04:00:44 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM100518WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Oct 13 01:37:08 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.89  | 114  | 163690   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 152703   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 61225    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 52950    | 41.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 82.20%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 44416    | 44.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 89.52%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 76197    | 31.53    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 63.06%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 106546   | 102.45   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 102.45% |
| 24) Chloroform-d               | 4.65    | 84    | 98790    | 47.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.90%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 68099    | 47.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.32%  |
| 32) Benzene-d6                 | 5.34    | 84    | 192462   | 43.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.96%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 70397    | 46.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 93.92%  |
| 41) Toluene-d8                 | 7.57    | 98    | 158293   | 40.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 80.94%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 29381    | 40.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 81.34%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 74150    | 97.94    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 97.94%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 91568    | 46.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.42%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 55503    | 46.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 92.68%  |

| Target Compounds      | R.T. | QIon | Response | Conc   | Units | Qvalue |
|-----------------------|------|------|----------|--------|-------|--------|
| 13) Acetone           | 2.32 | 43   | 1743     | 2.04   | ug/L  | 99     |
| 46) Tetrachloroethene | 8.23 | 164  | 220292   | 245.62 | ug/L  | 99     |

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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