

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU122418\  
 Data File : VU028949.D  
 Acq On : 24 Dec 2018 15:54  
 Operator : MD/SY  
 Sample : J6542-13  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9F88

Quant Time: Dec 25 02:56:21 2018  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM122018WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 25 00:02:36 2018  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 258621   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 243670   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 114039   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 80044    | 38.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 77.22%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 70250    | 43.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 87.74%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 118881   | 34.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.20%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 136480   | 93.95    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 93.95%  |
| 24) Chloroform-d               | 4.65    | 84    | 156849   | 48.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.22%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 98907    | 49.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.42%  |
| 32) Benzene-d6                 | 5.34    | 84    | 344840   | 50.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.18% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 114456   | 48.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.88%  |
| 41) Toluene-d8                 | 7.56    | 98    | 326347   | 52.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.62% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 52246    | 49.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 99.72%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 116051   | 104.48   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 104.48% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 160495   | 49.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 98.94%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 123226   | 53.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 106.86% |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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