

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022519\  
 Data File : VU029661.D  
 Acq On : 25 Feb 2019 16:27  
 Operator : JC/SP  
 Sample : K1600-02  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BF7Y6

Quant Time: Feb 26 01:17:16 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM021519WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Feb 26 00:12:24 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 473006   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 450286   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 225213   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 138805   | 40.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 80.10%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 122262   | 39.68    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 79.36%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 197892   | 29.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 58.42%# |
| 21) 2-Butanone-d5              | 4.17    | 46    | 204653   | 97.03    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 97.03%  |
| 24) Chloroform-d               | 4.65    | 84    | 253460   | 45.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.18%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 161799   | 45.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.92%  |
| 32) Benzene-d6                 | 5.34    | 84    | 554944   | 48.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.96%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 167075   | 49.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.02%  |
| 41) Toluene-d8                 | 7.56    | 98    | 522371   | 45.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.36%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 78222    | 43.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 86.52%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 158742   | 83.62    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 83.62%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 257144   | 44.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 89.28%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 218508   | 45.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.04%  |

| Target Compounds | Ovalue |
|------------------|--------|
| -----            |        |

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

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