

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU030919\  
 Data File : VU029856.D  
 Acq On : 07 Mar 2019 16:42  
 Operator : JC/SP  
 Sample : K1625-06  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Mar 08 04:54:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM021519WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 08 04:31:20 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 461313   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 449180   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 213586   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 161672   | 47.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 95.66%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 131431   | 43.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 87.48%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 224652   | 34.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.00%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 228187   | 110.93   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 110.93% |
| 24) Chloroform-d               | 4.64    | 84    | 281400   | 51.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.66% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 177914   | 51.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.50% |
| 32) Benzene-d6                 | 5.34    | 84    | 613218   | 54.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 108.50% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 187202   | 55.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 110.10% |
| 41) Toluene-d8                 | 7.56    | 98    | 569527   | 49.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.76%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 86352    | 47.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 95.74%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 183515   | 96.91    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 96.91%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 279389   | 48.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 97.26%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 227353   | 49.39    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.78%  |

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

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

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