

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031919\  
 Data File : VU030194.D  
 Acq On : 19 Mar 2019 15:14  
 Operator : JC/SP  
 Sample : K1918-14  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0971

Quant Time: Mar 20 03:52:35 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031919WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 20 02:58:59 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 536863   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 520376   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 241951   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 195880   | 53.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 107.92% |
| 7) Chloroethane-d5             | 1.68    | 69    | 157569   | 54.28    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 108.56% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 262057   | 39.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 79.14%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 263193   | 97.73    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 97.73%  |
| 24) Chloroform-d               | 4.65    | 84    | 332837   | 49.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.92%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 195088   | 51.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.68% |
| 32) Benzene-d6                 | 5.34    | 84    | 731684   | 53.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.72% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 224447   | 52.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 105.80% |
| 41) Toluene-d8                 | 7.56    | 98    | 665573   | 51.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.24% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 102945   | 49.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 99.66%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 221925   | 100.86   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 100.86% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 323614   | 49.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 99.44%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 261135   | 53.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 107.52% |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.32 | 43 | 12920 | 4.591 ug/L | 97     |

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

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