

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041719\  
 Data File : VU031227.D  
 Acq On : 16 Apr 2019 21:56  
 Operator : JC/SP  
 Sample : K2403-14  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK02

Quant Time: Apr 17 04:51:22 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM041719WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Apr 17 04:13:40 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 495069   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 481196   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 192464   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 162588   | 35.66    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 71.32% |
| 7) Chloroethane-d5             | 1.68    | 69    | 155056   | 39.17    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 78.34% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 294776   | 32.64    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.28% |
| 21) 2-Butanone-d5              | 4.19    | 46    | 287168   | 86.48    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 86.48% |
| 24) Chloroform-d               | 4.64    | 84    | 313627   | 41.23    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 82.46% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 204344   | 43.62    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.24% |
| 32) Benzene-d6                 | 5.34    | 84    | 624999   | 41.09    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 82.18% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 216226   | 43.80    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 87.60% |
| 41) Toluene-d8                 | 7.56    | 98    | 554632   | 41.43    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 82.86% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 92441    | 39.17    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 78.34% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 197818   | 84.88    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 84.88% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 288318   | 42.07    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 84.14% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 188199   | 42.64    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 85.28% |

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

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

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