

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031719\  
 Data File : VU030138.D  
 Acq On : 16 Mar 2019 12:33  
 Operator : JC/SP  
 Sample : K1936-22  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK02

Quant Time: Mar 18 04:58:27 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031319WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Mar 18 04:23:56 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 513405   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 497388   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 233924   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 158317   | 46.62    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 93.24% |
| 7) Chloroethane-d5             | 1.68    | 69    | 126659   | 46.20    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 92.40% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 212555   | 34.68    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.36% |
| 21) 2-Butanone-d5              | 4.17    | 46    | 222737   | 87.54    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 87.54% |
| 24) Chloroform-d               | 4.65    | 84    | 271700   | 44.60    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.20% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 160885   | 45.72    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.44% |
| 32) Benzene-d6                 | 5.34    | 84    | 588914   | 46.00    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.00% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 180400   | 46.04    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 92.08% |
| 41) Toluene-d8                 | 7.56    | 98    | 526845   | 43.94    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.88% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 81681    | 43.03    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 86.06% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 188623   | 86.03    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 86.03% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 262735   | 43.63    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 87.26% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 211654   | 46.71    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.42% |

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

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

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