

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032119\  
 Data File : VU030254.D  
 Acq On : 21 Mar 2019 10:49  
 Operator : JC/SP  
 Sample : K2022-01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0965

Quant Time: Mar 22 04:33:06 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031919WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 22 04:03:23 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 625213   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 612455   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 288683   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 192940   | 45.64    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 91.28% |
| 7) Chloroethane-d5             | 1.68    | 69    | 157619   | 46.63    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 93.26% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 261280   | 33.88    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 67.76% |
| 21) 2-Butanone-d5              | 4.17    | 46    | 255127   | 81.35    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 81.35% |
| 24) Chloroform-d               | 4.65    | 84    | 334125   | 43.07    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.14% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 197689   | 44.67    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.34% |
| 32) Benzene-d6                 | 5.34    | 84    | 733310   | 45.44    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.88% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 225420   | 45.14    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 90.28% |
| 41) Toluene-d8                 | 7.56    | 98    | 671418   | 44.24    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.48% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 105014   | 43.19    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 86.38% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 208843   | 80.64    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 80.64% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 319046   | 41.65    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 83.30% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 262323   | 45.26    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.52% |

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

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

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