

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032019\  
 Data File : VU030230.D  
 Acq On : 20 Mar 2019 18:15  
 Operator : JC/SP  
 Sample : K2022-03  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0990

Quant Time: Mar 22 02:00:47 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031919WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 22 01:27:23 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 537255   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 515909   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 237711   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 151185   | 41.62    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 83.24% |
| 7) Chloroethane-d5             | 1.68    | 69    | 130542   | 44.94    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 89.88% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 212813   | 32.11    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 64.22% |
| 21) 2-Butanone-d5              | 4.18    | 46    | 261543   | 97.04    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 97.04% |
| 24) Chloroform-d               | 4.65    | 84    | 299297   | 44.89    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.78% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 180926   | 47.58    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.16% |
| 32) Benzene-d6                 | 5.34    | 84    | 645784   | 47.50    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.00% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 205616   | 48.88    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.76% |
| 41) Toluene-d8                 | 7.56    | 98    | 569611   | 44.56    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 89.12% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 91837    | 44.83    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.66% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 217582   | 99.74    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 99.74% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 309399   | 47.95    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 95.90% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 230532   | 48.30    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.60% |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.32 | 43 | 27689 | 9.832 ug/L | 97     |

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

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