

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU103119\  
 Data File : VU035570.D  
 Acq On : 30 Oct 2019 19:01  
 Operator : JC/SP  
 Sample : K5559-01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0CP5

Quant Time: Oct 31 00:45:52 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM103119WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 31 00:14:38 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.30  | 114  | 671436   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 642437   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 198940   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.62    | 65    | 232139   | 42.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 85.62%  |
| 7) Chloroethane-d5             | 1.94    | 69    | 196711   | 45.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 90.84%  |
| 11) 1,1-Dichloroethene-d2      | 2.60    | 63    | 287807   | 34.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 68.26%  |
| 21) 2-Butanone-d5              | 4.69    | 46    | 311837   | 98.44    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 98.44%  |
| 24) Chloroform-d               | 5.12    | 84    | 390499   | 46.63    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.26%  |
| 26) 1,2-Dichloroethane-d4      | 5.75    | 65    | 244272   | 47.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.22%  |
| 32) Benzene-d6                 | 5.77    | 84    | 829575   | 49.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.08%  |
| 36) 1,2-Dichloropropane-d6     | 6.74    | 67    | 272304   | 50.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.28% |
| 41) Toluene-d8                 | 7.93    | 98    | 750453   | 47.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.02%  |
| 43) trans-1,3-Dichloropropene- | 8.22    | 79    | 116481   | 46.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 93.12%  |
| 47) 2-Hexanone-d5              | 8.68    | 63    | 201377   | 96.75    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 96.75%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.79   | 84    | 361518   | 46.81    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.62%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22   | 152   | 206977   | 51.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.16% |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.67 | 43 | 14541 | 5.217 ug/L | 97     |

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

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