

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092019\  
 Data File : VU034721.D  
 Acq On : 21 Sep 2019 04:14  
 Operator : JC/SP  
 Sample : K5001-09  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 46 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFCY6

Quant Time: Sep 21 06:55:13 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM091919WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Sep 21 05:27:34 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 428658   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 407658   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.46 | 152  | 176792   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 159602   | 36.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 72.74%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 140342   | 41.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 82.76%  |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 222750   | 29.97    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 59.94%# |
| 21) 2-Butanone-d5              | 4.15    | 46    | 345683   | 102.78   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 102.78% |
| 24) Chloroform-d               | 4.62    | 84    | 295590   | 46.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.66%  |
| 26) 1,2-Dichloroethane-d4      | 5.29    | 65    | 223126   | 47.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.16%  |
| 32) Benzene-d6                 | 5.32    | 84    | 588835   | 46.60    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.20%  |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 214160   | 48.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 96.98%  |
| 41) Toluene-d8                 | 7.54    | 98    | 551448   | 45.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.74%  |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 87937    | 41.57    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 83.14%  |
| 47) 2-Hexanone-d5              | 8.29    | 63    | 210181   | 94.75    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 94.75%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 285412   | 46.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.16%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.84   | 152   | 175999   | 47.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.96%  |

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

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

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