

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050619\  
 Data File : VU031781.D  
 Acq On : 06 May 2019 15:33  
 Operator : JC/SP  
 Sample : K2694-06  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFHF9

Quant Time: May 07 09:42:09 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue May 07 08:38:32 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 650897   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 625458   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 239221   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 255617   | 46.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 93.84%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 212643   | 50.51    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 101.02% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 386857   | 35.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 71.32%  |
| 21) 2-Butanone-d5              | 4.18    | 46    | 623770   | 126.38   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 126.38% |
| 24) Chloroform-d               | 4.64    | 84    | 503866   | 50.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.00% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 359151   | 55.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 110.20% |
| 32) Benzene-d6                 | 5.34    | 84    | 945017   | 49.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 354422   | 52.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 104.90% |
| 41) Toluene-d8                 | 7.56    | 98    | 730059   | 43.64    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.28%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 139178   | 47.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 95.96%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 331985   | 113.51   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 113.51% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 480759   | 53.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 106.02% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 242018   | 48.11    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.22%  |

| Target Compounds |      |    |       |            | Ovalue |
|------------------|------|----|-------|------------|--------|
| 13) Acetone      | 2.34 | 43 | 12298 | 2.212 ug/L | 98     |

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

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