

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU050219\  
 Data File : VU031713.D  
 Acq On : 02 May 2019 15:31  
 Operator : JC/SP  
 Sample : K2661-06 200X  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0B26

Quant Time: May 03 07:19:54 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM042719WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 03 04:37:29 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 978717   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 919943   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 419314   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 417546   | 50.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 101.96% |
| 7) Chloroethane-d5             | 1.68    | 69    | 306201   | 48.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 96.74%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 593956   | 36.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.82%  |
| 21) 2-Butanone-d5              | 4.19    | 46    | 729366   | 98.28    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 98.28%  |
| 24) Chloroform-d               | 4.64    | 84    | 648468   | 43.23    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 86.46%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 429179   | 43.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.58%  |
| 32) Benzene-d6                 | 5.33    | 84    | 1396566  | 49.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.88%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 470138   | 47.30    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 94.60%  |
| 41) Toluene-d8                 | 7.56    | 98    | 1223282  | 49.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.44%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 201568   | 47.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 94.50%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 515574   | 119.85   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 119.85% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 596077   | 44.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 89.38%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 413922   | 46.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.88%  |

| Target Compounds      |      |     |       |            | Ovalue |
|-----------------------|------|-----|-------|------------|--------|
| 46) Tetrachloroethene | 8.22 | 164 | 11214 | 2.006 ug/L | 84     |

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

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