

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061119\  
 Data File : VU032622.D  
 Acq On : 11 Jun 2019 20:01  
 Operator : JC/SP  
 Sample : K3293-01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 29 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DB8Q4

Quant Time: Jun 12 08:08:36 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060619WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jun 12 07:28:55 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 168671   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 160623   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 80011    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 43600    | 39.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 79.68%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 37941    | 43.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 86.28%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 68846    | 32.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 64.26%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 88552    | 96.69    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 96.69%  |
| 24) Chloroform-d               | 4.64    | 84    | 97961    | 48.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 66522    | 51.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.48% |
| 32) Benzene-d6                 | 5.33    | 84    | 193611   | 46.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.86%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 63905    | 48.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.74%  |
| 41) Toluene-d8                 | 7.56    | 98    | 174770   | 44.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.40%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 27781    | 44.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 88.80%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 50453    | 79.55    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 79.55%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 92981    | 49.08    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 98.16%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 75860    | 49.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.00%  |

| Target Compounds    |      |    |      |            | Ovalue |
|---------------------|------|----|------|------------|--------|
| 13) Acetone         | 2.32 | 43 | 1991 | 2.107 ug/L | 85     |
| 34) Trichloroethene | 6.19 | 95 | 1764 | 1.437 ug/L | 84     |

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

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