

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061119\  
 Data File : VU032612.D  
 Acq On : 11 Jun 2019 16:08  
 Operator : JC/SP  
 Sample : VU0611WBL02  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK57

Quant Time: Jun 12 07:38:45 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  | 176906   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 167075   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 86587    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 53822    | 46.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 93.78%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 43755    | 47.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 94.88%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 81244    | 36.15    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.30%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 95415    | 99.34    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 99.34%  |
| 24) Chloroform-d               | 4.64    | 84    | 103511   | 48.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.72%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 68472    | 50.78    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.56% |
| 32) Benzene-d6                 | 5.33    | 84    | 210436   | 48.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.04%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 66270    | 48.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 97.46%  |
| 41) Toluene-d8                 | 7.56    | 98    | 194856   | 47.38    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.76%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 30198    | 46.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.80%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 52620    | 79.76    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 79.76%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 96044    | 48.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 97.48%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 81486    | 49.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.26%  |

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

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

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