

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061819\  
 Data File : VU032810.D  
 Acq On : 18 Jun 2019 09:40  
 Operator : JC/SP  
 Sample : VU0618WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK34

Quant Time: Jun 19 01:41:30 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM061719WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jun 19 01:26:44 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 222384   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 217623   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 110803   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 60134    | 39.57    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 79.14% |
| 7) Chloroethane-d5             | 1.68    | 69    | 52031    | 42.93    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 85.86% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 95626    | 31.23    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 62.46% |
| 21) 2-Butanone-d5              | 4.17    | 46    | 121064   | 95.70    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 95.70% |
| 24) Chloroform-d               | 4.64    | 84    | 129757   | 43.92    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.84% |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 91381    | 46.43    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.86% |
| 32) Benzene-d6                 | 5.33    | 84    | 253296   | 44.65    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.30% |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 83002    | 45.93    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 91.86% |
| 41) Toluene-d8                 | 7.56    | 98    | 233593   | 43.97    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 87.94% |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 41881    | 44.55    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 89.10% |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 78613    | 93.16    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 93.16% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 124217   | 44.46    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 88.92% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 99886    | 46.58    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.16% |

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

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

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