

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU022420\  
 Data File : VU036884.D  
 Acq On : 24 Feb 2020 15:33  
 Operator : JC/MD  
 Sample : VU0224WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK57

Quant Time: Feb 25 03:37:06 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM022420WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Feb 25 03:18:14 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 276701   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 256683   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 95329    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 114780   | 49.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 98.80%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 98719    | 51.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 102.68% |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 145984   | 37.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 75.04%  |
| 21) 2-Butanone-d5              | 4.67    | 46    | 168639   | 108.19   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 108.19% |
| 24) Chloroform-d               | 5.11    | 84    | 175117   | 49.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.70%  |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 124488   | 51.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.68% |
| 32) Benzene-d6                 | 5.76    | 84    | 393894   | 53.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.12% |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 129967   | 54.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 108.08% |
| 41) Toluene-d8                 | 7.93    | 98    | 354176   | 51.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 102.86% |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 56410    | 50.48    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 100.96% |
| 47) 2-Hexanone-d5              | 8.66    | 63    | 122451   | 104.14   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 104.14% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 170012   | 50.14    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 100.28% |
| 64) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 100592   | 53.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 107.96% |

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

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

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