

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU012920\  
 Data File : VU036584.D  
 Acq On : 29 Jan 2020 11:20  
 Operator : JC/MD  
 Sample : VU0129WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK47

Quant Time: Jan 30 03:11:01 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM012920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jan 30 02:48:11 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 293457   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 275433   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 110354   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.62    | 65    | 106730   | 48.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 97.12%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 91125    | 48.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 96.64%  |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 131108   | 36.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 73.78%  |
| 21) 2-Butanone-d5              | 4.68    | 46    | 132773   | 101.77   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 101.77% |
| 24) Chloroform-d               | 5.11    | 84    | 168939   | 46.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.88%  |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 108110   | 48.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.38%  |
| 32) Benzene-d6                 | 5.77    | 84    | 387725   | 50.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.08% |
| 36) 1,2-Dichloropropane-d6     | 6.73    | 67    | 118691   | 49.16    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.32%  |
| 41) Toluene-d8                 | 7.93    | 98    | 367252   | 49.27    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.54%  |
| 43) trans-1,3-Dichloropropene- | 8.21    | 79    | 54992    | 47.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 95.78%  |
| 47) 2-Hexanone-d5              | 8.67    | 63    | 111346   | 99.45    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 99.45%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78   | 84    | 170381   | 48.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 96.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 120679   | 50.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 101.92% |

| Target Compounds |      |    |      | Ovalue        |
|------------------|------|----|------|---------------|
| 13) Acetone      | 2.66 | 43 | 2061 | 1.632 ug/L 99 |

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

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