

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU013020\  
 Data File : VU036616.D  
 Acq On : 30 Jan 2020 14:01  
 Operator : JC/MD  
 Sample : L1301-03  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFM08

Quant Time: Jan 30 15:42:51 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM012920WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jan 30 12:57:35 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 303635   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 277554   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 124836   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 91666    | 40.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 80.62%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 83359    | 42.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 85.44%  |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 119205   | 32.42    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 64.84%  |
| 21) 2-Butanone-d5              | 4.68    | 46    | 143127   | 106.03   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 106.03% |
| 24) Chloroform-d               | 5.11    | 84    | 163997   | 44.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 88.08%  |
| 26) 1,2-Dichloroethane-d4      | 5.75    | 65    | 103777   | 44.71    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.42%  |
| 32) Benzene-d6                 | 5.77    | 84    | 367337   | 47.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.10%  |
| 36) 1,2-Dichloropropane-d6     | 6.73    | 67    | 116769   | 48.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 96.00%  |
| 41) Toluene-d8                 | 7.93    | 98    | 344693   | 45.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 91.78%  |
| 43) trans-1,3-Dichloropropene- | 8.21    | 79    | 52563    | 45.43    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.86%  |
| 47) 2-Hexanone-d5              | 8.67    | 63    | 121270   | 107.49   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 107.49% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78   | 84    | 168971   | 47.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 94.48%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21   | 152   | 125481   | 46.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.68%  |

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

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

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