

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU052820\  
 Data File : VU038363.D  
 Acq On : 28 May 2020 21:47  
 Operator : JC/MD  
 Sample : L2751-12  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK02

Quant Time: May 29 06:26:57 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM052820WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 29 04:31:03 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.28  | 114  | 581493   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 559197   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 259036   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 198407   | 54.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 108.70% |
| 7) Chloroethane-d5             | 1.93    | 69    | 160589   | 56.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 113.88% |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 290448   | 38.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 77.86%  |
| 21) 2-Butanone-d5              | 4.66    | 46    | 398933   | 115.02   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 115.02% |
| 24) Chloroform-d               | 5.10    | 84    | 381442   | 53.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 106.42% |
| 26) 1,2-Dichloroethane-d4      | 5.74    | 65    | 264644   | 53.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 107.74% |
| 32) Benzene-d6                 | 5.76    | 84    | 786378   | 54.12    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 108.24% |
| 36) 1,2-Dichloropropane-d6     | 6.72    | 67    | 246461   | 54.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 109.44% |
| 41) Toluene-d8                 | 7.92    | 98    | 666972   | 51.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.86% |
| 43) trans-1,3-Dichloropropene- | 8.20    | 79    | 114212   | 50.93    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 101.86% |
| 47) 2-Hexanone-d5              | 8.65    | 63    | 293989   | 123.97   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 123.97% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.77   | 84    | 346287   | 51.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 103.90% |
| 64) 1,2-Dichlorobenzene-d4     | 12.20   | 152   | 260193   | 54.19    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 108.38% |

| Target Compounds    | R.T. | QIon | Response | Conc | Units | Qvalue |
|---------------------|------|------|----------|------|-------|--------|
| 34) Trichloroethene | 6.57 | 95   | 3358     | 0.84 | ug/L  | 92     |

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

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