

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU010720\  
 Data File : VU036398.D  
 Acq On : 07 Jan 2020 17:17  
 Operator : JC/MD  
 Sample : L1042-04  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: Jan 08 05:04:44 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM122719WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jan 08 03:56:17 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 498014   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.45  | 117  | 480171   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.84 | 152  | 178428   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61    | 65    | 164791   | 42.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 84.94%  |
| 7) Chloroethane-d5             | 1.93    | 69    | 143108   | 43.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 87.44%  |
| 11) 1,1-Dichloroethene-d2      | 2.59    | 63    | 246324   | 37.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.52%  |
| 21) 2-Butanone-d5              | 4.68    | 46    | 288234   | 99.74    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 99.74%  |
| 24) Chloroform-d               | 5.11    | 84    | 336874   | 49.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 99.48%  |
| 26) 1,2-Dichloroethane-d4      | 5.75    | 65    | 233832   | 52.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 104.14% |
| 32) Benzene-d6                 | 5.77    | 84    | 691573   | 51.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 103.46% |
| 36) 1,2-Dichloropropane-d6     | 6.73    | 67    | 226127   | 50.44    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 100.88% |
| 41) Toluene-d8                 | 7.93    | 98    | 645982   | 50.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.68% |
| 43) trans-1,3-Dichloropropene- | 8.21    | 79    | 119712   | 49.21    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 98.42%  |
| 47) 2-Hexanone-d5              | 8.67    | 63    | 222179   | 96.09    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 96.09%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78   | 84    | 334386   | 49.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 98.36%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.22   | 152   | 186842   | 49.92    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 99.84%  |

| Target Compounds |      |    |      |            | Qvalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.66 | 43 | 9369 | 3.126 ug/L | 99     |

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

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