

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052819\  
 Data File : VU032342.D  
 Acq On : 28 May 2019 20:56  
 Operator : JC/SP  
 Sample : K2975-05  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VHBLK01

Quant Time: May 29 07:02:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM052819WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed May 29 05:27:35 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 774575   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 768275   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 316830   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 274127   | 48.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 96.02%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 228081   | 49.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 98.94%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 373584   | 36.83    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 73.66%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 375749   | 100.00   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 100.00% |
| 24) Chloroform-d               | 4.64    | 84    | 481876   | 48.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 96.44%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 303070   | 51.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.50% |
| 32) Benzene-d6                 | 5.34    | 84    | 1018426  | 50.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.08% |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 310692   | 49.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 99.34%  |
| 41) Toluene-d8                 | 7.56    | 98    | 913983   | 48.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.22%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 134999   | 47.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 94.26%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 241878   | 92.17    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 92.17%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 449004   | 46.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.96%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 338108   | 52.33    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 104.66% |

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

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

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