

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU072519\  
 Data File : VU033413.D  
 Acq On : 25 Jul 2019 16:50  
 Operator : JC/SP  
 Sample : VU0725WBL02  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK58

Quant Time: Jul 26 06:22:29 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM071219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 26 05:48:12 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 280105   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 284088   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 127951   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 104950   | 49.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 99.00%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 101999   | 56.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 112.62% |
| 11) 1,1-Dichloroethene-d2      | 2.25    | 63    | 139239   | 36.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 72.40%  |
| 21) 2-Butanone-d5              | 4.15    | 46    | 150349   | 111.91   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 111.91% |
| 24) Chloroform-d               | 4.62    | 84    | 194393   | 54.70    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 109.40% |
| 26) 1,2-Dichloroethane-d4      | 5.28    | 65    | 128481   | 56.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 112.74% |
| 32) Benzene-d6                 | 5.32    | 84    | 378142   | 54.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 108.52% |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 121668   | 54.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 109.00% |
| 41) Toluene-d8                 | 7.55    | 98    | 339512   | 51.66    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 103.32% |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 54255    | 49.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 99.12%  |
| 47) 2-Hexanone-d5              | 8.30    | 63    | 106800   | 106.12   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 106.12% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 185013   | 54.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 109.52% |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 131105   | 57.46    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 114.92% |

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

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

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