

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081119\  
 Data File : VU033742.D  
 Acq On : 11 Aug 2019 11:18  
 Operator : JC/SP  
 Sample : VU0811WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK50

Quant Time: Aug 12 05:00:00 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM080919WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Aug 12 04:45:27 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 291972   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 289965   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 134718   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 115106   | 53.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 107.12% |
| 7) Chloroethane-d5             | 1.67    | 69    | 91531    | 42.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 84.98%  |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 154953   | 42.88    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 85.76%  |
| 21) 2-Butanone-d5              | 4.15    | 46    | 153649   | 115.31   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 115.31% |
| 24) Chloroform-d               | 4.62    | 84    | 172126   | 53.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 107.80% |
| 26) 1,2-Dichloroethane-d4      | 5.29    | 65    | 111407   | 55.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 111.60% |
| 32) Benzene-d6                 | 5.32    | 84    | 357361   | 52.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 104.44% |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 110493   | 52.62    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 105.24% |
| 41) Toluene-d8                 | 7.55    | 98    | 312114   | 48.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.98%  |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 51910    | 48.95    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 97.90%  |
| 47) 2-Hexanone-d5              | 8.29    | 63    | 111854   | 102.83   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 102.83% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 166902   | 53.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 107.44% |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 125192   | 55.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 110.44% |

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

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

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