

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU082219\  
 Data File : VU033908.D  
 Acq On : 22 Aug 2019 18:44  
 Operator : JC/SP  
 Sample : VU0822WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK58

Quant Time: Aug 23 02:58:56 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM082219WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 23 02:53:44 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 607513   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 609280   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.47 | 152  | 255303   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 255150   | 47.89    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 95.78%  |
| 7) Chloroethane-d5             | 1.67    | 69    | 208008   | 49.22    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 98.44%  |
| 11) 1,1-Dichloroethene-d2      | 2.25    | 63    | 356833   | 37.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 74.26%  |
| 21) 2-Butanone-d5              | 4.15    | 46    | 339691   | 94.75    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 94.75%  |
| 24) Chloroform-d               | 4.62    | 84    | 403052   | 46.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.94%  |
| 26) 1,2-Dichloroethane-d4      | 5.28    | 65    | 273802   | 48.85    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 97.70%  |
| 32) Benzene-d6                 | 5.32    | 84    | 848876   | 49.05    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 98.10%  |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 278094   | 49.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 99.04%  |
| 41) Toluene-d8                 | 7.54    | 98    | 741305   | 47.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 94.80%  |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 124152   | 47.90    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 95.80%  |
| 47) 2-Hexanone-d5              | 8.29    | 63    | 212384   | 90.94    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 90.94%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 365415   | 45.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 91.38%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.84   | 152   | 267463   | 51.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 102.68% |

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

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

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