

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091619\  
 Data File : VU034562.D  
 Acq On : 16 Sep 2019 14:00  
 Operator : JC/SP  
 Sample : VU0916WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK60

Quant Time: Sep 17 03:42:32 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM091619WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Sep 17 02:36:09 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.86  | 114  | 378833   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.07  | 117  | 354611   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.46 | 152  | 146699   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |        |
|--------------------------------|---------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 84531    | 46.25    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 92.50% |
| 7) Chloroethane-d5             | 1.67    | 69    | 68004    | 48.38    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 96.76% |
| 11) 1,1-Dichloroethene-d2      | 2.26    | 63    | 129574   | 34.65    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.30% |
| 21) 2-Butanone-d5              | 4.15    | 46    | 202680   | 98.35    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 98.35% |
| 24) Chloroform-d               | 4.62    | 84    | 189634   | 45.70    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.40% |
| 26) 1,2-Dichloroethane-d4      | 5.28    | 65    | 117651   | 46.47    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.94% |
| 32) Benzene-d6                 | 5.32    | 84    | 372180   | 47.73    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.46% |
| 36) 1,2-Dichloropropane-d6     | 6.31    | 67    | 138856   | 47.84    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 95.68% |
| 41) Toluene-d8                 | 7.54    | 98    | 354936   | 46.89    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 93.78% |
| 43) trans-1,3-Dichloropropene- | 7.83    | 79    | 65944    | 47.63    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 95.26% |
| 47) 2-Hexanone-d5              | 8.29    | 63    | 149401   | 94.89    | ug/L | 0.00   |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 94.89% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.41   | 84    | 205150   | 45.23    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 90.46% |
| 64) 1,2-Dichlorobenzene-d4     | 11.84   | 152   | 127945   | 48.89    | ug/L | 0.00   |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 97.78% |

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

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

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