

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU032619\  
 Data File : VU030431.D  
 Acq On : 26 Mar 2019 10:02  
 Operator : JC/SP  
 Sample : VU0326WBL01  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 VBLK57

Quant Time: Mar 27 04:51:31 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM032319WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Mar 27 04:29:49 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 413541   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 396575   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 159626   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 170873   | 51.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 102.68% |
| 7) Chloroethane-d5             | 1.67    | 69    | 139716   | 52.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 105.92% |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 239089   | 37.87    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 75.74%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 324842   | 103.83   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 103.83% |
| 24) Chloroform-d               | 4.64    | 84    | 290665   | 50.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 101.38% |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 197857   | 52.73    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 105.46% |
| 32) Benzene-d6                 | 5.34    | 84    | 583518   | 51.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 102.62% |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 213861   | 54.96    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 109.92% |
| 41) Toluene-d8                 | 7.56    | 98    | 502946   | 49.24    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.48%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 90678    | 49.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 99.12%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 211941   | 100.52   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 100.52% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 282864   | 50.80    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 101.60% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 168255   | 52.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 105.22% |

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

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

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