

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU031519\  
 Data File : VU030094.D  
 Acq On : 14 Mar 2019 23:04  
 Operator : JC/SP  
 Sample : K1918-09  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C09H0

Quant Time: Mar 15 04:14:01 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM031319WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 15 02:44:49 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 505999   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 489897   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 231763   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 110740   | 33.09    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 66.18%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 104168   | 38.56    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 77.12%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 171313   | 28.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 56.72%# |
| 21) 2-Butanone-d5              | 4.17    | 46    | 241903   | 96.47    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 96.47%  |
| 24) Chloroform-d               | 4.65    | 84    | 262697   | 43.76    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.52%  |
| 26) 1,2-Dichloroethane-d4      | 5.31    | 65    | 161555   | 46.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.16%  |
| 32) Benzene-d6                 | 5.34    | 84    | 551605   | 43.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.48%  |
| 36) 1,2-Dichloropropane-d6     | 6.33    | 67    | 179894   | 46.61    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 93.22%  |
| 41) Toluene-d8                 | 7.56    | 98    | 499328   | 42.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 84.58%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 79067    | 42.29    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 84.58%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 203707   | 94.33    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 94.33%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 276253   | 46.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 93.16%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 217514   | 48.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.90%  |

| Target Compounds |      |    |      |            | Qvalue |
|------------------|------|----|------|------------|--------|
| 13) Acetone      | 2.32 | 43 | 7498 | 2.557 ug/L | 99     |

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

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