

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061819\  
 Data File : VU032814.D  
 Acq On : 18 Jun 2019 11:20  
 Operator : JC/SP  
 Sample : K3363-15  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0JQ2

Quant Time: Jun 19 01:54:22 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM061719WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jun 19 01:26:44 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 239202   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 230269   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 116173   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 67899    | 41.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 83.08%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 57808    | 44.34    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 88.68%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 108378   | 32.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 65.82%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 155900   | 114.58   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 114.58% |
| 24) Chloroform-d               | 4.64    | 84    | 144138   | 45.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.72%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 100534   | 47.49    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 94.98%  |
| 32) Benzene-d6                 | 5.33    | 84    | 286565   | 47.74    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 95.48%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 93690    | 49.00    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 98.00%  |
| 41) Toluene-d8                 | 7.56    | 98    | 266994   | 47.50    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.00%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 46116    | 46.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 92.72%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 105736   | 118.42   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 118.42% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.42   | 84    | 139319   | 47.13    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 94.26%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 110950   | 49.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 98.70%  |

## Target Compounds

|                        |      |     |       |              | Ovalue |
|------------------------|------|-----|-------|--------------|--------|
| 13) Acetone            | 2.32 | 43  | 14575 | 7.755 ug/L   | 96     |
| 15) Methyl Acetate     | 2.62 | 43  | 1579  | 0.741 ug/L # | 77     |
| 16) Methylene chloride | 2.69 | 84  | 3007  | 1.701 ug/L   | 96     |
| 34) Trichloroethene    | 6.18 | 95  | 6602  | 3.725 ug/L   | 92     |
| 42) Toluene            | 7.64 | 91  | 6301  | 0.878 ug/L   | 96     |
| 46) Tetrachloroethene  | 8.22 | 164 | 992   | 0.683 ug/L   | 83     |

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

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