

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061719\  
 Data File : VU032793.D  
 Acq On : 17 Jun 2019 19:21  
 Operator : JC/SP  
 Sample : K3324-08  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 24 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0JR4

Quant Time: Jun 18 04:39:19 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM061719WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 18 02:39:23 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 228435   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.08  | 117  | 220868   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 110393   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.39    | 65    | 61938    | 39.67    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 79.34%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 54708    | 43.94    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 87.88%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 98605    | 31.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 62.70%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 140225   | 107.92   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 107.92% |
| 24) Chloroform-d               | 4.64    | 84    | 136774   | 45.07    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.14%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 94048    | 46.52    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.04%  |
| 32) Benzene-d6                 | 5.33    | 84    | 262213   | 45.54    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 91.08%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 88120    | 48.04    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 96.08%  |
| 41) Toluene-d8                 | 7.56    | 98    | 237540   | 44.06    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.12%  |
| 43) trans-1,3-Dichloropropene- | 7.84    | 79    | 43273    | 45.36    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 90.72%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 103161   | 120.46   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 120.46% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.42   | 84    | 133732   | 47.17    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 94.34%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.85   | 152   | 102562   | 48.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 96.02%  |

## Target Compounds

|                        |      |    |      |              | Ovalue |
|------------------------|------|----|------|--------------|--------|
| 13) Acetone            | 2.32 | 43 | 5572 | 3.105 ug/L   | 97     |
| 15) Methyl Acetate     | 2.62 | 43 | 1837 | 0.903 ug/L # | 70     |
| 16) Methylene chloride | 2.69 | 84 | 2474 | 1.466 ug/L   | 80     |

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

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