

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU061219\  
 Data File : VU032673.D  
 Acq On : 12 Jun 2019 23:23  
 Operator : JC/SP  
 Sample : K3313-16  
 Misc : 5.0mL/MSVOA U/WATER  
 ALS Vial : 38 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 COM07

Quant Time: Jun 13 07:12:18 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMULM060619WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jun 13 05:57:37 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 171617   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 162251   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 79218    | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40    | 65    | 50985    | 45.79    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 91.58%  |
| 7) Chloroethane-d5             | 1.68    | 69    | 41074    | 45.91    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 91.82%  |
| 11) 1,1-Dichloroethene-d2      | 2.27    | 63    | 75919    | 34.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 69.64%  |
| 21) 2-Butanone-d5              | 4.17    | 46    | 83261    | 89.36    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 89.36%  |
| 24) Chloroform-d               | 4.64    | 84    | 97019    | 46.72    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 93.44%  |
| 26) 1,2-Dichloroethane-d4      | 5.30    | 65    | 65931    | 50.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 100.80% |
| 32) Benzene-d6                 | 5.33    | 84    | 193792   | 46.01    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 92.02%  |
| 36) 1,2-Dichloropropane-d6     | 6.32    | 67    | 61380    | 46.47    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 92.94%  |
| 41) Toluene-d8                 | 7.56    | 98    | 177514   | 44.45    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 88.90%  |
| 43) trans-1,3-Dichloropropene- | 7.85    | 79    | 26350    | 41.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 83.38%  |
| 47) 2-Hexanone-d5              | 8.31    | 63    | 44084    | 68.81    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 68.81%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43   | 84    | 84243    | 44.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 88.04%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86   | 152   | 72201    | 47.58    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 95.16%  |

| Target Compounds    |      |    |      |            | Ovalue |
|---------------------|------|----|------|------------|--------|
| 13) Acetone         | 2.32 | 43 | 3777 | 3.929 ug/L | 91     |
| 34) Trichloroethene | 6.19 | 95 | 4519 | 3.644 ug/L | 98     |

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

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