

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052019\  
 Data File : VU032156.D  
 Acq On : 20 May 2019 15:41  
 Operator : JC/SP  
 Sample : K2860-10  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9W37

Quant Time: May 21 08:30:19 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR051619WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue May 21 06:39:31 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 354164   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 366447   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 145836   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 104362   | 3.50     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 70.00% |
| 7) Chloroethane-d5             | 1.68   | 69    | 97145    | 3.81     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 76.20% |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 157024   | 3.30     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 66.00% |
| 20) 2-Butanone-d5              | 4.20   | 46    | 251652   | 42.97    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 85.94% |
| 24) Chloroform-d               | 4.64   | 84    | 223076   | 4.25     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 85.00% |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 112201   | 4.15     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 83.00% |
| 32) Benzene-d6                 | 5.33   | 84    | 445780   | 3.99     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 79.80% |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 131615   | 4.03     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 80.60% |
| 41) Toluene-d8                 | 7.56   | 98    | 353805   | 3.59     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 71.80% |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 44727    | 3.80     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 76.00% |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 217047   | 40.86    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 81.72% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 112903   | 4.23     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 84.60% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 138865   | 4.49     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 89.80% |

## Target Compounds

|                            |      |     |       |        | Ovalue  |
|----------------------------|------|-----|-------|--------|---------|
| 13) Acetone                | 2.33 | 43  | 54842 | 28.522 | ug/L 98 |
| 22) cis-1,2-Dichloroethene | 4.22 | 96  | 1906  | 0.127  | ug/L 79 |
| 34) Trichloroethene        | 6.18 | 95  | 23087 | 1.513  | ug/L 99 |
| 42) Toluene                | 7.64 | 91  | 11393 | 0.193  | ug/L 99 |
| 47) Tetrachloroethene      | 8.22 | 164 | 25783 | 2.260  | ug/L 94 |

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

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