

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU051619\  
 Data File : VU032066.D  
 Acq On : 16 May 2019 22:19  
 Operator : JC/SP  
 Sample : K2850-08  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F9W08

Quant Time: May 17 08:23:25 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR051619WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri May 17 07:17:36 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 401528   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 406197   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 160594   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |        |
|--------------------------------|--------|-------|----------|----------|------|--------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 154890   | 4.58     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 91.60% |
| 7) Chloroethane-d5             | 1.68   | 69    | 129687   | 4.49     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 89.80% |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 222142   | 4.12     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 82.40% |
| 20) 2-Butanone-d5              | 4.20   | 46    | 280923   | 42.31    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 84.62% |
| 24) Chloroform-d               | 4.64   | 84    | 265718   | 4.47     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.40% |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 134128   | 4.37     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 87.40% |
| 32) Benzene-d6                 | 5.33   | 84    | 553348   | 4.46     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 89.20% |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 159039   | 4.39     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 87.80% |
| 41) Toluene-d8                 | 7.56   | 98    | 461730   | 4.23     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 84.60% |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 54548    | 4.18     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 83.60% |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 236815   | 40.22    | ug/L | 0.00   |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 80.44% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 127931   | 4.32     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 86.40% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 162194   | 4.77     | ug/L | 0.00   |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 95.40% |

| Target Compounds            |      |    |        |             | Ovalue |
|-----------------------------|------|----|--------|-------------|--------|
| 13) Acetone                 | 2.34 | 43 | 23078  | 10.586 ug/L | 99     |
| 17) Methyl tert-butyl Ether | 3.00 | 73 | 986716 | 26.028 ug/L | 97     |

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

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