

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU052019\  
 Data File : VU032181.D  
 Acq On : 21 May 2019 02:07  
 Operator : JC/SP  
 Sample : K2888-04  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0BN6

Quant Time: May 21 09:15:22 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR051619WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue May 21 08:29:49 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 342022   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 351260   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 137509   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 89151    | 3.09     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 61.80%  |
| 7) Chloroethane-d5             | 1.68   | 69    | 84317    | 3.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 68.60%  |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 130179   | 2.84     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 56.80%# |
| 20) 2-Butanone-d5              | 4.20   | 46    | 233342   | 41.25    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 82.50%  |
| 24) Chloroform-d               | 4.64   | 84    | 202587   | 4.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 80.00%  |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 105275   | 4.03     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 80.60%  |
| 32) Benzene-d6                 | 5.33   | 84    | 393507   | 3.67     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 73.40%  |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 116521   | 3.72     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 74.40%  |
| 41) Toluene-d8                 | 7.56   | 98    | 312798   | 3.31     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 66.20%# |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 38907    | 3.45     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 69.00%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 205218   | 40.31    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 80.62%  |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 106159   | 4.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 83.00%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 126120   | 4.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 86.60%  |

| Target Compounds      |      |     |      |              | Ovalue |
|-----------------------|------|-----|------|--------------|--------|
| 3) Chloromethane      | 1.32 | 50  | 3821 | 0.233 ug/L   | 97     |
| 13) Acetone           | 2.34 | 43  | 8813 | 4.746 ug/L   | 91     |
| 47) Tetrachloroethene | 8.22 | 164 | 3875 | 0.354 ug/L # | 76     |

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

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