

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU021919\  
 Data File : VU029551.D  
 Acq On : 19 Feb 2019 13:41  
 Operator : JC/SP  
 Sample : K1522-02DL 5X  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AM3DL

Quant Time: Feb 20 01:02:26 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR021219WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Wed Feb 20 00:07:58 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 204664   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 206126   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 120551   | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 47275    | 3.44     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 68.80%  |
| 7) Chloroethane-d5             | 1.64   | 69    | 37736    | 3.11     | ug/L | -0.04   |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 62.20%# |
| 11) 1,1-Dichloroethene-d2      | 2.25   | 63    | 88058    | 2.95     | ug/L | -0.02   |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 59.00%# |
| 20) 2-Butanone-d5              | 4.19   | 46    | 156787   | 54.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 109.68% |
| 24) Chloroform-d               | 4.64   | 84    | 100041   | 4.58     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 91.60%  |
| 26) 1,2-Dichloroethane-d4      | 5.30   | 65    | 58356    | 5.01     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.20% |
| 32) Benzene-d6                 | 5.33   | 84    | 214571   | 4.33     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 86.60%  |
| 36) 1,2-Dichloropropane-d6     | 6.32   | 67    | 67350    | 4.60     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 92.00%  |
| 41) Toluene-d8                 | 7.56   | 98    | 207586   | 4.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 85.00%  |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 27946    | 4.27     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 85.40%  |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 177221   | 58.84    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 117.68% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 69438    | 5.46     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 109.20% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 107102   | 4.82     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 96.40%  |

## Target Compounds

|                           |      |     |        |             | Ovalue |
|---------------------------|------|-----|--------|-------------|--------|
| 9) Trichlorofluoromethane | 1.86 | 101 | 8980   | 0.298 ug/L  | 96     |
| 27) 1,2-Dichloroethane    | 5.40 | 62  | 4068   | 0.260 ug/L  | 97     |
| 34) Trichloroethene       | 6.18 | 95  | 235007 | 13.776 ug/L | 98     |
| 47) Tetrachloroethene     | 8.22 | 164 | 5426   | 0.347 ug/L  | 93     |

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

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