

Data Path : Z:\VOASRV\HPCHEM1\MSVOA\_U\DATA\VU011119\  
 Data File : VU029133.D  
 Acq On : 11 Jan 2019 10:44  
 Operator : MD/SY  
 Sample : K1107-02  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BEJF9

Quant Time: Jan 11 22:24:39 2019  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR122818WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jan 11 22:10:09 2019  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.88  | 114  | 130494   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.09  | 117  | 127216   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.48 | 152  | 54909    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.40   | 65    | 41064    | 5.88     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 117.60% |
| 7) Chloroethane-d5             | 1.68   | 69    | 34243    | 5.62     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 112.40% |
| 11) 1,1-Dichloroethene-d2      | 2.27   | 63    | 55692    | 3.77     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 75.40%  |
| 20) 2-Butanone-d5              | 4.22   | 46    | 113901   | 62.40    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 124.80% |
| 24) Chloroform-d               | 4.65   | 84    | 75395    | 5.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 111.00% |
| 26) 1,2-Dichloroethane-d4      | 5.31   | 65    | 38584    | 5.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 111.40% |
| 32) Benzene-d6                 | 5.34   | 84    | 157638   | 5.30     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 106.00% |
| 36) 1,2-Dichloropropane-d6     | 6.33   | 67    | 52981    | 5.57     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 111.40% |
| 41) Toluene-d8                 | 7.56   | 98    | 138266   | 5.02     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 100.40% |
| 43) trans-1,3-Dichloropropene- | 7.85   | 79    | 18727    | 5.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 104.80% |
| 46) 2-Hexanone-d5              | 8.31   | 63    | 96576    | 59.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 118.52% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.43  | 84    | 41558    | 5.49     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 109.80% |
| 64) 1,2-Dichlorobenzene-d4     | 11.86  | 152   | 49290    | 5.37     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 107.40% |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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