

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU031620\  
 Data File : VU037295.D  
 Acq On : 16 Mar 2020 16:12  
 Operator : JC/MD  
 Sample : L1891-01  
 Misc : 25.0mL/MSVOA U/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBEQ9

Quant Time: Mar 17 01:58:36 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR031620WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Tue Mar 17 01:33:31 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|-------|------|----------|------|-------|----------|
| 1) 1,4-Difluorobenzene     | 6.29  | 114  | 150716   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.44  | 117  | 150072   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.83 | 152  | 61820    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |        |       |          |          |      |         |
|--------------------------------|--------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.61   | 65    | 39305    | 5.00     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 40 - 130 | Recovery | =    | 100.00% |
| 7) Chloroethane-d5             | 1.93   | 69    | 37834    | 5.39     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 130 | Recovery | =    | 107.80% |
| 11) 1,1-Dichloroethene-d2      | 2.59   | 63    | 59257    | 3.43     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 125 | Recovery | =    | 68.60%  |
| 20) 2-Butanone-d5              | 4.67   | 46    | 129084   | 54.41    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 40 - 130 | Recovery | =    | 108.82% |
| 24) Chloroform-d               | 5.11   | 84    | 93564    | 5.16     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 103.20% |
| 26) 1,2-Dichloroethane-d4      | 5.74   | 65    | 54508    | 5.15     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 103.00% |
| 32) Benzene-d6                 | 5.76   | 84    | 166558   | 5.24     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 125 | Recovery | =    | 104.80% |
| 36) 1,2-Dichloropropane-d6     | 6.73   | 67    | 54799    | 5.25     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 60 - 140 | Recovery | =    | 105.00% |
| 41) Toluene-d8                 | 7.93   | 98    | 154167   | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 70 - 130 | Recovery | =    | 99.60%  |
| 43) trans-1,3-Dichloropropene- | 8.20   | 79    | 23483    | 5.06     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 55 - 130 | Recovery | =    | 101.20% |
| 46) 2-Hexanone-d5              | 8.66   | 63    | 108222   | 52.26    | ug/L | 0.00    |
| Spiked Amount                  | 50.000 | Range | 45 - 130 | Recovery | =    | 104.52% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.78  | 84    | 44578    | 4.98     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 65 - 120 | Recovery | =    | 99.60%  |
| 64) 1,2-Dichlorobenzene-d4     | 12.21  | 152   | 56017    | 5.55     | ug/L | 0.00    |
| Spiked Amount                  | 5.000  | Range | 80 - 120 | Recovery | =    | 111.00% |

## Target Compounds

|                          |      |    |      |            | Ovalue |
|--------------------------|------|----|------|------------|--------|
| 13) Acetone              | 2.67 | 43 | 3506 | 1.747 ug/L | 91     |
| 16) Methylene chloride   | 3.08 | 84 | 2702 | 0.232 ug/L | 76     |
| 25) Chloroform           | 5.13 | 83 | 9426 | 0.413 ug/L | 94     |
| 38) Bromodichloromethane | 7.14 | 83 | 2783 | 0.166 ug/L | 87     |

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

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