

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV031220\  
 Data File : VV014866.D  
 Acq On : 12 Mar 2020 14:28  
 Operator : SY/MD  
 Sample : L1892-05  
 Misc : 5.0mL/MSVOA V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 DBER2

Quant Time: Mar 13 03:44:54 2020  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_V\METHOD\SOMVLM030620WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 13 03:30:28 2020  
 Response via : Initial Calibration

| Internal Standards         | R.T.  | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|-------|------|----------|-------|-------|----------|
| 1) 1,4-Difluorobenzene     | 5.64  | 114  | 410925   | 50.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.87  | 117  | 401236   | 50.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.27 | 152  | 192470   | 50.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                                |         |       |          |          |      |         |
|--------------------------------|---------|-------|----------|----------|------|---------|
| 4) Vinyl Chloride-d3           | 1.32    | 65    | 114288   | 41.10    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 135 | Recovery | =    | 82.20%  |
| 7) Chloroethane-d5             | 1.58    | 69    | 89820    | 40.86    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 130 | Recovery | =    | 81.72%  |
| 11) 1,1-Dichloroethene-d2      | 2.12    | 63    | 144176   | 31.20    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 62.40%  |
| 21) 2-Butanone-d5              | 3.93    | 46    | 163699   | 78.93    | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 40 - 130 | Recovery | =    | 78.93%  |
| 24) Chloroform-d               | 4.38    | 84    | 236017   | 44.82    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 89.64%  |
| 26) 1,2-Dichloroethane-d4      | 5.06    | 65    | 157296   | 43.98    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 87.96%  |
| 32) Benzene-d6                 | 5.08    | 84    | 480145   | 45.32    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 125 | Recovery | =    | 90.64%  |
| 36) 1,2-Dichloropropane-d6     | 6.10    | 67    | 148707   | 42.35    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 70 - 120 | Recovery | =    | 84.70%  |
| 41) Toluene-d8                 | 7.34    | 98    | 468827   | 45.18    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 90.36%  |
| 43) trans-1,3-Dichloropropene- | 7.64    | 79    | 72642    | 42.37    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 60 - 125 | Recovery | =    | 84.74%  |
| 47) 2-Hexanone-d5              | 8.11    | 63    | 160698   | 103.07   | ug/L | 0.00    |
| Spiked Amount                  | 100.000 | Range | 45 - 130 | Recovery | =    | 103.07% |
| 57) 1,1,2,2-Tetrachloroethane- | 10.24   | 84    | 211021   | 43.69    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 65 - 120 | Recovery | =    | 87.38%  |
| 64) 1,2-Dichlorobenzene-d4     | 11.65   | 152   | 190821   | 50.02    | ug/L | 0.00    |
| Spiked Amount                  | 50.000  | Range | 80 - 120 | Recovery | =    | 100.04% |

| Target Compounds       |      |    |      |            | Ovalue |
|------------------------|------|----|------|------------|--------|
| 16) Methylene chloride | 2.52 | 84 | 6407 | 2.113 ug/L | 98     |

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

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