

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU011421\  
 Data File : VU042035.D  
 Acq On : 14 Jan 2021 15:25  
 Operator : SY/MD  
 Sample : M1129-09  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BFT67

Quant Time: Jan 15 05:25:50 2021  
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA\_U\METHOD\SOMUTR011321WMA.M  
 Quant Title : TRACE VOA SOM01.0  
 QLast Update : Fri Jan 15 05:20:45 2021  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------|--------|------|----------|------|-------|----------|
| -----                      |        |      |          |      |       |          |
| Internal Standards         |        |      |          |      |       |          |
| 1) 1,4-Difluorobenzene     | 6.259  | 114  | 121730   | 5.00 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 9.420  | 117  | 111907   | 5.00 | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4 | 11.809 | 152  | 55181    | 5.00 | ug/L  | 0.00     |

## System Monitoring Compounds

|                               |        |       |          |          |      |          |
|-------------------------------|--------|-------|----------|----------|------|----------|
| 4) Vinyl Chloride-d3          | 1.600  | 65    | 40387    | 4.39     | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =    | 87.80%   |
| 7) Chloroethane-d5            | 1.919  | 69    | 42147    | 4.85     | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =    | 97.00%   |
| 11) 1,1-Dichloroethene-d2     | 2.571  | 63    | 61223    | 3.31     | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =    | 66.20%   |
| 20) 2-Butanone-d5             | 4.655  | 46    | 169353   | 54.94    | ug/L | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =    | 109.88%  |
| 24) Chloroform-d              | 5.079  | 84    | 90192    | 4.80     | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =    | 96.00%   |
| 26) 1,2-Dichloroethane-d4     | 5.716  | 65    | 52360    | 5.11     | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =    | 102.20%  |
| 32) Benzene-d6                | 5.742  | 84    | 170357   | 4.71     | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =    | 94.20%   |
| 36) 1,2-Dichloropropane-d6    | 6.700  | 67    | 58769    | 4.95     | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =    | 99.00%   |
| 41) Toluene-d8                | 7.906  | 98    | 140941   | 4.36     | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =    | 87.20%   |
| 43) trans-1,3-Dichloroprop... | 8.185  | 79    | 22429    | 4.70     | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =    | 94.00%   |
| 46) 2-Hexanone-d5             | 8.642  | 63    | 138850   | 56.80    | ug/L | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =    | 113.60%  |
| 57) 1,1,2,2-Tetrachloroeth... | 10.758 | 84    | 56463    | 6.25     | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =    | 125.00%# |
| 64) 1,2-Dichlorobenzene-d4    | 12.188 | 152   | 57047    | 5.49     | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =    | 109.80%  |

## Target Compounds

|                             |        |     |        |       | Qvalue    |
|-----------------------------|--------|-----|--------|-------|-----------|
| 3) Chloromethane            | 1.520  | 50  | 6761   | 0.48  | ug/L 94   |
| 13) Acetone                 | 2.665  | 43  | 20747  | 10.77 | ug/L 86   |
| 14) Carbon disulfide        | 2.800  | 76  | 4093   | 0.13  | ug/L 99   |
| 15) Methyl Acetate          | 2.970  | 43  | 7494   | 1.59  | ug/L # 67 |
| 17) Methyl tert-butyl Ether | 3.379  | 73  | 12986  | 0.52  | ug/L # 17 |
| 21) 2-Butanone              | 4.739  | 43  | 21719  | 7.07  | ug/L 98   |
| 25) Chloroform              | 5.105  | 83  | 20809  | 1.09  | ug/L 92   |
| 33) Benzene                 | 5.787  | 78  | 5990   | 0.14  | ug/L 100  |
| 34) Trichloroethene         | 6.552  | 95  | 437317 | 42.24 | ug/L 99   |
| 38) Bromodichloromethane    | 7.115  | 83  | 12059  | 0.86  | ug/L 99   |
| 42) Toluene                 | 7.976  | 91  | 3941   | 0.09  | ug/L 95   |
| 47) Tetrachloroethene       | 8.555  | 164 | 10860  | 1.62  | ug/L 92   |
| 48) 2-Hexanone              | 8.693  | 43  | 2590   | 0.52  | ug/L # 95 |
| 49) Dibromochloromethane    | 8.816  | 129 | 6674   | 0.81  | ug/L 95   |
| 61) Bromoform               | 10.288 | 173 | 1112   | 0.24  | ug/L 98   |

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

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