

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV040121\  
 Data File : VV020864.D  
 Acq On : 02 Apr 2021 01:57  
 Operator : SY/MD  
 Sample : M1845-17  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EW1C5

Quant Time: Apr 02 08:32:59 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM032321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 02 08:30:00 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.619          | 114  | 609202     | 50.00   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.857          | 117  | 590305     | 50.00   | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255         | 152  | 286774     | 50.00   | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.307          | 65   | 202199     | 46.75   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 93.50%  |       |          |
| 7) Chloroethane-d5            | 1.571          | 69   | 130017     | 39.76   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 79.52%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.108          | 63   | 261850     | 32.09   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 64.18%  |       |          |
| 21) 2-Butanone-d5             | 3.892          | 46   | 266514     | 94.72   | ug/L  | -0.02    |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 94.72%  |       |          |
| 24) Chloroform-d              | 4.352          | 84   | 416306     | 48.43   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.86%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.034          | 65   | 284796     | 50.29   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 100.58% |       |          |
| 32) Benzene-d6                | 5.053          | 84   | 753020     | 47.86   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.72%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.072          | 67   | 222490     | 46.06   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 92.12%  |       |          |
| 41) Toluene-d8                | 7.320          | 98   | 691556     | 47.22   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 94.44%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.625          | 79   | 115538     | 44.95   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 89.90%  |       |          |
| 47) 2-Hexanone-d5             | 8.091          | 63   | 184993     | 91.34   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 91.34%  |       |          |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220         | 84   | 316311     | 44.95   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 89.90%  |       |          |
| 64) 1,2-Dichlorobenzene-d4    | 11.631         | 152  | 285040     | 51.21   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 102.42% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 5) Vinyl chloride             | 1.310          | 62   | 7273262    | 1562.68 | ug/L  | 97       |
| 17) trans-1,2-Dichloroethene  | 2.764          | 96   | 18577      | 4.56    | ug/L  | 93       |
| 19) 1,1-Dichloroethane        | 3.194          | 63   | 22630      | 2.99    | ug/L  | 95       |
| 20) cis-1,2-Dichloroethene    | 3.915          | 96   | 10016797   | 2296.44 | ug/L  | 93       |
| -----                         |                |      |            |         |       |          |

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

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