

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW041023\  
 Data File : VW030479.D  
 Acq On : 10 Apr 2023 19:51  
 Operator : SY/MD  
 Sample : 02254-08  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AC6

Quant Time: Apr 11 06:32:32 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR032323WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Apr 11 06:24:59 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response  | Conc     | Units  | Dev(Min)    |
|-------------------------------|--------|-------|-----------|----------|--------|-------------|
| -----                         |        |       |           |          |        |             |
| Internal Standards            |        |       |           |          |        |             |
| 1) 1,4-Difluorobenzene        | 5.545  | 114   | 114598    | 5.000    | ug/L   | 0.00        |
| 28) Chlorobenzene-d5          | 8.793  | 117   | 111491    | 5.000    | ug/L   | 0.00        |
| 58) 1,4-Dichlorobenzene-d4    | 11.194 | 152   | 55370     | 5.000    | ug/L   | 0.00        |
|                               |        |       |           |          |        |             |
| System Monitoring Compounds   |        |       |           |          |        |             |
| 4) Vinyl Chloride-d3          | 1.282  | 65    | 27531     | 3.627    | ug/L   | 0.00        |
| Spiked Amount                 | 5.000  | Range | 40 - 130  | Recovery | =      | 72.600%     |
| 7) Chloroethane-d5            | 1.536  | 69    | 30296     | 4.113    | ug/L   | 0.00        |
| Spiked Amount                 | 5.000  | Range | 65 - 130  | Recovery | =      | 82.200%     |
| 11) 1,1-Dichloroethene-d2     | 2.069  | 63    | 9311714   | 517.024  | ug/L   | 0.00        |
| Spiked Amount                 | 5.000  | Range | 60 - 125  | Recovery | =      | 10340.400%# |
| 20) 2-Butanone-d5             | 3.831  | 46    | 84452     | 43.049   | ug/L   | 0.00        |
| Spiked Amount                 | 50.000 | Range | 40 - 130  | Recovery | =      | 86.100%     |
| 24) Chloroform-d              | 4.262  | 84    | 89403     | 4.867    | ug/L   | 0.00        |
| Spiked Amount                 | 5.000  | Range | 70 - 125  | Recovery | =      | 97.400%     |
| 26) 1,2-Dichloroethane-d4     | 4.953  | 65    | 41215     | 4.755    | ug/L   | 0.00        |
| Spiked Amount                 | 5.000  | Range | 70 - 130  | Recovery | =      | 95.200%     |
| 32) Benzene-d6                | 4.970  | 84    | 148329    | 4.721    | ug/L   | 0.00        |
| Spiked Amount                 | 5.000  | Range | 70 - 125  | Recovery | =      | 94.400%     |
| 36) 1,2-Dichloropropane-d6    | 5.998  | 67    | 47060     | 4.784    | ug/L   | 0.00        |
| Spiked Amount                 | 5.000  | Range | 60 - 140  | Recovery | =      | 95.600%     |
| 41) Toluene-d8                | 7.252  | 98    | 123705    | 4.288    | ug/L   | 0.00        |
| Spiked Amount                 | 5.000  | Range | 70 - 130  | Recovery | =      | 85.800%     |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 15552     | 4.199    | ug/L   | 0.00        |
| Spiked Amount                 | 5.000  | Range | 55 - 130  | Recovery | =      | 84.000%     |
| 46) 2-Hexanone-d5             | 8.037  | 63    | 68383     | 45.953   | ug/L   | 0.00        |
| Spiked Amount                 | 50.000 | Range | 45 - 130  | Recovery | =      | 91.900%     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.162 | 84    | 35044     | 4.521    | ug/L   | 0.00        |
| Spiked Amount                 | 5.000  | Range | 65 - 120  | Recovery | =      | 90.400%     |
| 66) 1,2-Dichlorobenzene-d4    | 11.571 | 152   | 51947     | 5.249    | ug/L   | 0.00        |
| Spiked Amount                 | 5.000  | Range | 80 - 120  | Recovery | =      | 105.000%    |
|                               |        |       |           |          |        |             |
| Target Compounds              |        |       |           |          |        |             |
| 5) Vinyl chloride             | 1.285  | 62    | 90733     | 6.770    | ug/L   | 99          |
| 8) Chloroethane               | 1.552  | 64    | 30757     | 4.006    | ug/L   | 99          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.069  | 101   | 41437     | 3.843    | ug/L # | 31          |
| 12) 1,1-Dichloroethene        | 2.066  | 96    | 14254742  | 1488.714 | ug/L # | 40          |
| 14) Carbon disulfide          | 2.249  | 76    | 10650     | 0.338    | ug/L   | 96          |
| 16) Methylene chloride        | 2.455  | 84    | 7118      | 0.628    | ug/L   | 98          |
| 19) 1,1-Dichloroethane        | 3.114  | 63    | 21884361m | 1119.079 | ug/L   |             |
| 21) 2-Butanone                | 3.925  | 43    | 20135m    | 8.528    | ug/L   |             |
| 22) cis-1,2-Dichloroethene    | 3.831  | 96    | 4313      | 0.426    | ug/L   | 85          |
| 25) Chloroform                | 4.288  | 83    | 150705    | 7.626    | ug/L   | 96          |
| 27) 1,2-Dichloroethane        | 5.053  | 62    | 62382     | 5.221    | ug/L   | 96          |
| 29) 1,1,1-Trichloroethane     | 4.523  | 97    | 31255309m | 1744.178 | ug/L   |             |
| 33) Benzene                   | 5.027  | 78    | 4829      | 0.122    | ug/L   | 100         |
| 34) Trichloroethene           | 5.841  | 95    | 350008    | 32.772   | ug/L   | 99          |
| 42) Toluene                   | 7.326  | 91    | 10968     | 0.260    | ug/L   | 98          |
| 45) 1,1,2-Trichloroethane     | 7.780  | 97    | 3888      | 0.543    | ug/L   | 94          |
| 47) Tetrachloroethene         | 7.915  | 164   | 2160      | 0.229    | ug/L   | 84          |
| 53) m,p-Xylene                | 9.085  | 106   | 1496      | 0.085    | ug/L   | 79          |
| -----                         |        |       |           |          |        |             |

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

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