

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW102623\  
 Data File : VW032659.D  
 Acq On : 26 Oct 2023 13:53  
 Operator : SY/MD  
 Sample : 04995-18  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4AA2

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 10/27/2023  
 Supervised By : Mahesh Dadoda 10/27/2023

Quant Time: Oct 27 05:35:24 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR092923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Oct 27 05:30:38 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.538  | 114   | 93243    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786  | 117   | 104753   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188 | 152   | 53704    | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65    | 29241    | 3.856    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 77.200%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 29582    | 4.806    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 96.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.059  | 65    | 12721m   | 3.978    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 79.600%  |
| 20) 2-Butanone-d5             | 3.805  | 46    | 78073    | 40.698   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 81.400%  |
| 24) Chloroform-d              | 4.256  | 84    | 63190    | 4.724    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.400%  |
| 26) 1,2-Dichloroethane-d4     | 4.947  | 65    | 30806    | 4.862    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 97.200%  |
| 32) Benzene-d6                | 4.963  | 84    | 110658   | 3.590    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 71.800%  |
| 36) 1,2-Dichloropropane-d6    | 5.992  | 67    | 35342    | 3.461    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 69.200%  |
| 41) Toluene-d8                | 7.246  | 98    | 115118   | 4.084    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 81.600%  |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79    | 15103    | 4.173    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 83.400%  |
| 46) 2-Hexanone-d5             | 8.030  | 63    | 67567    | 39.683   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 79.360%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156 | 84    | 31148    | 4.361    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 87.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.564 | 152   | 40230    | 4.037    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 80.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.105  | 85    | 31886    | 3.069    | ug/L   | 99       |
| 5) Vinyl chloride             | 1.281  | 62    | 37215    | 3.725    | ug/L   | 99       |
| 8) Chloroethane               | 1.551  | 64    | 89338    | 14.854   | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.069  | 101   | 74475    | 10.259   | ug/L   | 97       |
| 12) 1,1-Dichloroethene        | 2.069  | 96    | 15302    | 2.238    | ug/L # | 77       |
| 13) Acetone                   | 2.133  | 43    | 242021   | 163.688  | ug/L   | 95       |
| 15) Methyl Acetate            | 2.384  | 43    | 29053    | 8.728    | ug/L   | 93       |
| 18) trans-1,2-Dichloroethene  | 2.696  | 96    | 19023    | 2.429    | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 3.114  | 63    | 26525    | 1.800    | ug/L   | 98       |
| 22) cis-1,2-Dichloroethene    | 3.815  | 96    | 29458    | 3.493    | ug/L   | 99       |
| 23) Bromochloromethane        | 4.146  | 128   | 17705    | 4.990    | ug/L   | 93       |
| 25) Chloroform                | 4.278  | 83    | 108719   | 7.520    | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 5.050  | 62    | 16974    | 1.987    | ug/L   | 100      |
| 29) 1,1,1-Trichloroethane     | 4.516  | 97    | 24006    | 1.686    | ug/L   | 96       |
| 31) Carbon tetrachloride      | 4.738  | 117   | 31123    | 2.583    | ug/L   | 100      |
| 34) Trichloroethene           | 5.837  | 95    | 17282    | 1.717    | ug/L   | 96       |
| 39) cis-1,3-Dichloropropene   | 6.956  | 75    | 49194    | 3.505    | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 7.159  | 43    | 288608   | 46.238   | ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 7.587  | 75    | 21193    | 1.837    | ug/L   | 100      |

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|-------------------------------|--------|------|----------|-------|-------|----------|
| -----                         |        |      |          |       |       |          |
| 45) 1,1,2-Trichloroethane     | 7.776  | 97   | 11993    | 1.724 | ug/L  | 94       |
| 47) Tetrachloroethene         | 7.908  | 164  | 20330    | 2.663 | ug/L  | 97       |
| 50) 1,2-Dibromoethane         | 8.284  | 107  | 26625    | 4.046 | ug/L  | 96       |
| 51) Chlorobenzene             | 8.815  | 112  | 129785   | 5.127 | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.181 | 83   | 10320    | 1.348 | ug/L  | 99       |
| 59) Bromoform                 | 9.670  | 173  | 10294    | 2.636 | ug/L  | 96       |
| 63) 1,2,4-Trimethylbenzene    | 10.853 | 105  | 105452   | 3.114 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.120 | 146  | 49877    | 2.501 | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.213 | 146  | 34171    | 1.708 | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.201 | 180  | 45469    | 3.511 | ug/L  | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.683 | 180  | 24491    | 2.195 | ug/L  | 97       |
| -----                         |        |      |          |       |       |          |

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

