

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW102021\  
 Data File : VW022945.D  
 Acq On : 20 Oct 2021 20:52  
 Operator : SY/MD  
 Sample : M4137-07DL 5X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampled :  
 BFGA8DL

Quant Time: Oct 21 02:50:01 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Oct 21 02:43:59 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 121114   | 5.00     | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 122046   | 5.00     | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 56961    | 5.00     | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 29308    | 3.52     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 70.40%   |
| 7) Chloroethane-d5            | 1.568  | 69    | 28098    | 3.75     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 75.00%   |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 40315    | 2.47     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 49.40%#  |
| 20) 2-Butanone-d5             | 3.899  | 46    | 99991    | 45.76    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 91.52%   |
| 24) Chloroform-d              | 4.352  | 84    | 80574    | 4.69     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 93.80%   |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 42885    | 5.15     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 103.00%  |
| 32) Benzene-d6                | 5.053  | 84    | 175065   | 4.82     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.40%   |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 57526    | 5.35     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 107.00%  |
| 41) Toluene-d8                | 7.320  | 98    | 144134   | 4.59     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 91.80%   |
| 43) trans-1,3-Dichloroprop... | 7.629  | 79    | 16058    | 4.50     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 90.00%   |
| 46) 2-Hexanone-d5             | 8.092  | 63    | 80392    | 55.89    | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 111.78%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 40122    | 5.50     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 110.00%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 59014    | 5.59     | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 111.80%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 5) Vinyl chloride             | 1.311  | 62    | 1578     | 0.17     | ug/L # | 38       |
| 16) Methylene chloride        | 2.510  | 84    | 10264    | 1.02     | ug/L   | 96       |
| 17) Methyl tert-butyl Ether   | 2.773  | 73    | 2777     | 0.16     | ug/L # | 91       |
| 18) trans-1,2-Dichloroethene  | 2.767  | 96    | 479      | 0.06     | ug/L   | 93       |
| 19) 1,1-Dichloroethane        | 3.198  | 63    | 996      | 0.07     | ug/L # | 84       |
| 22) cis-1,2-Dichloroethene    | 3.915  | 96    | 68749    | 8.23     | ug/L   | 98       |
| 25) Chloroform                | 4.384  | 83    | 13520    | 0.81     | ug/L   | 98       |
| 34) Trichloroethene           | 5.921  | 95    | 9673     | 1.08     | ug/L   | 96       |
| 42) Toluene                   | 7.394  | 91    | 14683    | 0.44     | ug/L   | 98       |
| 47) Tetrachloroethene         | 7.979  | 164   | 50291    | 6.96     | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 11.194 | 146   | 1119     | 0.07     | ug/L   | 88       |
| 65) 1,4-Dichlorobenzene       | 11.278 | 146   | 1072     | 0.07     | ug/L   | 91       |
| 67) 1,2-Dichlorobenzene       | 11.648 | 146   | 1017     | 0.07     | ug/L   | 96       |
| -----                         |        |       |          |          |        |          |

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

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