

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW101521\  
 Data File : VW022854.D  
 Acq On : 15 Oct 2021 22:17  
 Operator : SY/MD  
 Sample : VSTDCCC005EC  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 28 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005313

Quant Time: Oct 16 05:31:07 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Oct 16 05:27:41 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 5.619  | 114   | 120628   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 8.854  | 117   | 122946   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 70330    | 5.000    | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.304  | 65    | 37980    | 4.576    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 91.600%   |
| 7) Chloroethane-d5            | 1.568  | 69    | 35466    | 4.755    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 95.200%   |
| 11) 1,1-Dichloroethene-d2     | 2.108  | 63    | 74858    | 4.598    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 92.000%   |
| 20) 2-Butanone-d5             | 3.896  | 46    | 98827    | 45.414   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 90.820%   |
| 24) Chloroform-d              | 4.349  | 84    | 98511    | 5.760    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 115.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.034  | 65    | 43673    | 5.261    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 105.200%  |
| 32) Benzene-d6                | 5.053  | 84    | 185495   | 5.068    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67    | 57422    | 5.298    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 106.000%  |
| 41) Toluene-d8                | 7.317  | 98    | 174892   | 5.528    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 110.600%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 18907    | 5.258    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 105.200%  |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 98936    | 68.278   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 136.560%# |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 45216    | 6.158    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 123.200%# |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152   | 68825    | 5.278    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 105.600%  |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 2) Dichlorodifluoromethane    | 1.127  | 85    | 44792    | 5.095    | ug/L   | 100       |
| 3) Chloromethane              | 1.240  | 50    | 50036    | 5.663    | ug/L   | 98        |
| 5) Vinyl chloride             | 1.310  | 62    | 50816    | 5.566    | ug/L   | 97        |
| 6) Bromomethane               | 1.519  | 94    | 28523    | 5.012    | ug/L   | 99        |
| 8) Chloroethane               | 1.584  | 64    | 29217    | 5.173    | ug/L   | 96        |
| 9) Trichlorofluoromethane     | 1.751  | 101   | 67709    | 5.063    | ug/L   | 97        |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.117  | 101   | 40308    | 5.182    | ug/L   | 97        |
| 12) 1,1-Dichloroethene        | 2.117  | 96    | 37645    | 5.167    | ug/L   | 86        |
| 13) Acetone                   | 2.182  | 43    | 47362    | 39.031   | ug/L # | 47        |
| 14) Carbon disulfide          | 2.294  | 76    | 118370   | 5.780    | ug/L   | 99        |
| 15) Methyl Acetate            | 2.439  | 43    | 15050    | 4.335    | ug/L   | 97        |
| 16) Methylene chloride        | 2.507  | 84    | 50986    | 5.084    | ug/L   | 93        |
| 17) Methyl tert-butyl Ether   | 2.770  | 73    | 89050    | 5.051    | ug/L   | 95        |
| 18) trans-1,2-Dichloroethene  | 2.761  | 96    | 45639    | 5.759    | ug/L   | 94        |
| 19) 1,1-Dichloroethane        | 3.191  | 63    | 80516    | 5.642    | ug/L   | 96        |
| 21) 2-Butanone                | 3.982  | 43    | 79977    | 40.253   | ug/L   | 98        |
| 22) cis-1,2-Dichloroethene    | 3.912  | 96    | 44929    | 5.400    | ug/L   | 93        |
| 23) Bromochloromethane        | 4.252  | 128   | 22049    | 5.965    | ug/L   | 95        |
| 25) Chloroform                | 4.378  | 83    | 84199    | 5.089    | ug/L   | 97        |

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Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005313

Quant Time: Oct 16 05:31:07 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR100721WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Oct 16 05:27:41 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.133  | 62   | 44402    | 5.377  | ug/L  | 96       |
| 29) 1,1,1-Trichloroethane     | 4.609  | 97   | 72289    | 5.149  | ug/L  | 99       |
| 30) Cyclohexane               | 4.680  | 56   | 61693    | 4.762  | ug/L  | 98       |
| 31) Carbon tetrachloride      | 4.828  | 117  | 63999    | 5.252  | ug/L  | 97       |
| 33) Benzene                   | 5.101  | 78   | 176233   | 5.322  | ug/L  | 100      |
| 34) Trichloroethene           | 5.915  | 95   | 45640    | 5.069  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.133  | 83   | 66366    | 5.261  | ug/L  | 95       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 42855    | 5.381  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.513  | 83   | 55924    | 5.699  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.030  | 75   | 56509    | 5.360  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 7.230  | 43   | 239962   | 56.078 | ug/L  | 97       |
| 42) Toluene                   | 7.391  | 91   | 193008   | 5.742  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.654  | 75   | 48698    | 5.666  | ug/L  | 95       |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 32325    | 5.470  | ug/L  | 98       |
| 47) Tetrachloroethene         | 7.976  | 164  | 38673    | 5.310  | ug/L  | 98       |
| 48) 2-Hexanone                | 8.143  | 43   | 177919   | 56.866 | ug/L  | 98       |
| 49) Dibromochloromethane      | 8.246  | 129  | 39265    | 5.676  | ug/L  | 92       |
| 50) 1,2-Dibromoethane         | 8.355  | 107  | 30768    | 5.576  | ug/L  | 93       |
| 51) Chlorobenzene             | 8.882  | 112  | 122534   | 5.548  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.014  | 91   | 192970   | 5.654  | ug/L  | 97       |
| 53) m,p-xylene                | 9.140  | 106  | 77139    | 5.759  | ug/L  | 97       |
| 54) o-xylene                  | 9.545  | 106  | 72778    | 5.776  | ug/L  | 98       |
| 55) Styrene                   | 9.561  | 104  | 131156   | 6.041  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.243 | 83   | 37246    | 6.230  | ug/L  | 100      |
| 59) Bromoform                 | 9.735  | 173  | 21625    | 5.489  | ug/L  | 99       |
| 60) Isopropylbenzene          | 9.934  | 105  | 195553   | 5.474  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 26617    | 5.447  | ug/L  | 97       |
| 62) 1,3,5-Trimethylbenzene    | 10.542 | 105  | 155604   | 5.391  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 159257   | 5.514  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.181 | 146  | 104635   | 5.581  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.275 | 146  | 106879   | 5.614  | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 11.644 | 146  | 96621    | 5.494  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.429 | 75   | 5578     | 6.272  | ug/L  | 88       |
| 69) 1,3,5-Trichlorobenzene    | 12.648 | 180  | 79483    | 5.628  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 63448    | 5.880  | ug/L  | 100      |
| 71) Naphthalene               | 13.503 | 128  | 100137   | 5.839  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.744 | 180  | 59678    | 5.866  | ug/L  | 100      |

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

