

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW060523\  
 Data File : VW031356.D  
 Acq On : 05 Jun 2023 18:52  
 Operator : SY/MD  
 Sample : 02990-03MS 100X  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 F6C27MS

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 06/06/2023  
 Supervised By :Mahesh Dadoda 06/08/2023

Quant Time: Jun 06 02:10:50 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR060123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Jun 06 02:05:53 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.542  | 114   | 133474   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.792  | 117   | 135411   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191 | 152   | 77118    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 50297    | 3.705    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 74.000%  |
| 7) Chloroethane-d5            | 1.532  | 69    | 45791    | 3.993    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 79.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.056  | 65    | 28061    | 4.257    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 85.200%  |
| 20) 2-Butanone-d5             | 3.828  | 46    | 117177   | 37.287   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 74.580%  |
| 24) Chloroform-d              | 4.256  | 84    | 116195   | 5.090    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 101.800% |
| 26) 1,2-Dichloroethane-d4     | 4.950  | 65    | 59999    | 4.901    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 98.000%  |
| 32) Benzene-d6                | 4.966  | 84    | 198478   | 4.821    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 96.400%  |
| 36) 1,2-Dichloropropane-d6    | 5.995  | 67    | 65478    | 4.709    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 94.200%  |
| 41) Toluene-d8                | 7.249  | 98    | 192367   | 4.976    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 99.600%  |
| 43) trans-1,3-Dichloroprop... | 7.561  | 79    | 24189    | 4.778    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 95.600%  |
| 46) 2-Hexanone-d5             | 8.037  | 63    | 107991   | 53.105   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 106.220% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159 | 84    | 53562    | 5.067    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 101.400% |
| 66) 1,2-Dichlorobenzene-d4    | 11.567 | 152   | 68642    | 4.719    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 94.400%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.105  | 85    | 75279    | 4.179    | ug/L   | 98       |
| 3) Chloromethane              | 1.214  | 50    | 72787    | 4.090    | ug/L   | 99       |
| 5) Vinyl chloride             | 1.281  | 62    | 73823    | 4.150    | ug/L   | 98       |
| 6) Bromomethane               | 1.487  | 94    | 39682    | 3.891    | ug/L   | 97       |
| 8) Chloroethane               | 1.548  | 64    | 43643    | 3.935    | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 1.712  | 101   | 118988   | 4.541    | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.066  | 101   | 61410    | 4.240    | ug/L   | 96       |
| 12) 1,1-Dichloroethene        | 2.069  | 96    | 56411    | 4.524    | ug/L   | 98       |
| 13) Acetone                   | 2.153  | 43    | 89485m   | 24.640   | ug/L   |          |
| 14) Carbon disulfide          | 2.240  | 76    | 158483   | 4.287    | ug/L   | 100      |
| 15) Methyl Acetate            | 2.394  | 43    | 28754    | 4.076    | ug/L # | 91       |
| 16) Methylene chloride        | 2.449  | 84    | 60391    | 3.984    | ug/L   | 97       |
| 17) Methyl tert-butyl Ether   | 2.712  | 73    | 135684   | 4.775    | ug/L   | 98       |
| 18) trans-1,2-Dichloroethene  | 2.696  | 96    | 50305    | 4.254    | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.114  | 63    | 114695   | 4.367    | ug/L   | 98       |
| 21) 2-Butanone                | 3.908  | 43    | 160342m  | 33.949   | ug/L   |          |
| 22) cis-1,2-Dichloroethene    | 3.818  | 96    | 65345    | 5.453    | ug/L   | 94       |
| 23) Bromochloromethane        | 4.159  | 128   | 25356    | 4.476    | ug/L   | 92       |
| 25) Chloroform                | 4.281  | 83    | 116312   | 4.235    | ug/L   | 100      |

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 ClientSampleId :  
 F6C27MS

Quant Time: Jun 06 02:10:50 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR060123WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Jun 06 02:05:53 2023  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 06/06/2023  
 Supervised By :Mahesh Dadoda 06/08/2023

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.050  | 62   | 73983    | 4.634  | ug/L  | 97       |
| 29) 1,1,1-Trichloroethane     | 4.519  | 97   | 106388   | 4.726  | ug/L  | 99       |
| 30) Cyclohexane               | 4.587  | 56   | 85986    | 4.207  | ug/L  | 92       |
| 31) Carbon tetrachloride      | 4.741  | 117  | 94753    | 4.719  | ug/L  | 98       |
| 33) Benzene                   | 5.018  | 78   | 228324   | 4.738  | ug/L  | 100      |
| 34) Trichloroethene           | 5.841  | 95   | 65373    | 5.023  | ug/L  | 96       |
| 35) Methylcyclohexane         | 6.056  | 83   | 85763    | 4.426  | ug/L  | 95       |
| 37) 1,2-Dichloropropane       | 6.101  | 63   | 64862    | 4.573  | ug/L  | 97       |
| 38) Bromodichloromethane      | 6.439  | 83   | 82851    | 4.569  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 6.963  | 75   | 83012    | 4.459  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.169  | 43   | 409604   | 49.221 | ug/L  | 99       |
| 42) Toluene                   | 7.320  | 91   | 246319   | 4.817  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.587  | 75   | 73883    | 4.614  | ug/L  | 96       |
| 45) 1,1,2-Trichloroethane     | 7.776  | 97   | 45258    | 4.701  | ug/L  | 98       |
| 47) Tetrachloroethene         | 7.911  | 164  | 101745   | 10.032 | ug/L  | 99       |
| 48) 2-Hexanone                | 8.085  | 43   | 303306   | 45.894 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.185  | 129  | 51105    | 4.754  | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 8.291  | 107  | 42365    | 4.758  | ug/L  | 98       |
| 51) Chlorobenzene             | 8.821  | 112  | 149434   | 4.691  | ug/L  | 99       |
| 52) Ethylbenzene              | 8.953  | 91   | 249039   | 4.656  | ug/L  | 97       |
| 53) m,p-Xylene                | 9.079  | 106  | 96400    | 5.010  | ug/L  | 93       |
| 54) o-Xylene                  | 9.484  | 106  | 88674    | 4.917  | ug/L  | 99       |
| 55) Styrene                   | 9.503  | 104  | 162689   | 5.072  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.185 | 83   | 53467    | 4.659  | ug/L  | 95       |
| 59) Bromoform                 | 9.673  | 173  | 30352    | 4.885  | ug/L  | 98       |
| 60) Isopropylbenzene          | 9.873  | 105  | 248105   | 4.479  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.217 | 75   | 40106    | 4.257  | ug/L  | 97       |
| 62) 1,3,5-Trimethylbenzene    | 10.484 | 105  | 191383   | 4.264  | ug/L  | 96       |
| 63) 1,2,4-Trimethylbenzene    | 10.860 | 105  | 201960   | 4.359  | ug/L  | 98       |
| 64) 1,3-Dichlorobenzene       | 11.123 | 146  | 122549   | 4.568  | ug/L  | 96       |
| 65) 1,4-Dichlorobenzene       | 11.217 | 146  | 127254   | 4.529  | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 11.586 | 146  | 116238   | 4.517  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.374 | 75   | 9162     | 4.239  | ug/L  | 93       |
| 69) 1,3,5-Trichlorobenzene    | 12.590 | 180  | 89315    | 4.480  | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.207 | 180  | 68096    | 4.259  | ug/L  | 98       |
| 71) Naphthalene               | 13.448 | 128  | 93461    | 3.810  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.689 | 180  | 61737    | 4.305  | ug/L  | 98       |

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

