

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW060822\  
 Data File : VW026018.D  
 Acq On : 08 Jun 2022 13:45  
 Operator : SY/MD  
 Sample : VSTDCCC005  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005298

Manual Integrations  
 APPROVED

Reviewed By :Krupa  
 Patel

06/09/2022  
 Supervised By :Mahesh  
 Dadoda

Quant Time: Jun 09 05:04:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR060822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jun 09 04:54:00 2022  
 Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) 1,4-Difluorobenzene     | 5.622  | 114  | 263355   | 5.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.853  | 117  | 244429   | 5.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.249 | 152  | 126025   | 5.000 | ug/L  | 0.00     |

## System Monitoring Compounds

|                               |        |       |          |          |      |           |
|-------------------------------|--------|-------|----------|----------|------|-----------|
| 4) Vinyl Chloride-d3          | 1.317  | 65    | 75866    | 4.907    | ug/L | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =    | 98.200%   |
| 7) Chloroethane-d5            | 1.574  | 69    | 76261    | 4.718    | ug/L | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =    | 94.400%   |
| 11) 1,1-Dichloroethene-d2     | 2.117  | 63    | 165261   | 4.628    | ug/L | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =    | 92.600%   |
| 20) 2-Butanone-d5             | 3.918  | 46    | 152247   | 66.586   | ug/L | 0.00      |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =    | 133.180%# |
| 24) Chloroform-d              | 4.358  | 84    | 157003   | 4.792    | ug/L | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =    | 95.800%   |
| 26) 1,2-Dichloroethane-d4     | 5.040  | 65    | 65042    | 4.867    | ug/L | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =    | 97.400%   |
| 32) Benzene-d6                | 5.056  | 84    | 295278   | 4.999    | ug/L | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =    | 100.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.075  | 67    | 92537    | 5.064    | ug/L | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =    | 101.200%  |
| 41) Toluene-d8                | 7.316  | 98    | 264927   | 5.076    | ug/L | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =    | 101.600%  |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79    | 27334    | 5.081    | ug/L | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =    | 101.600%  |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 126971   | 53.632   | ug/L | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =    | 107.260%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84    | 60737    | 4.930    | ug/L | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =    | 98.600%   |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 91186    | 4.729    | ug/L | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =    | 94.600%   |

## Target Compounds

|                               |       |     |         |        |        | Qvalue |
|-------------------------------|-------|-----|---------|--------|--------|--------|
| 2) Dichlorodifluoromethane    | 1.143 | 85  | 120792  | 4.660  | ug/L   | 99     |
| 3) Chloromethane              | 1.252 | 50  | 129814  | 4.473  | ug/L   | 98     |
| 5) Vinyl chloride             | 1.320 | 62  | 147113  | 4.854  | ug/L   | 100    |
| 6) Bromomethane               | 1.529 | 94  | 81419   | 4.635  | ug/L   | 97     |
| 8) Chloroethane               | 1.593 | 64  | 86582   | 4.645  | ug/L   | 97     |
| 9) Trichlorofluoromethane     | 1.760 | 101 | 182176  | 4.715  | ug/L   | 99     |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.124 | 101 | 100623  | 4.571  | ug/L   | 99     |
| 12) 1,1-Dichloroethene        | 2.124 | 96  | 98617   | 4.655  | ug/L   | 96     |
| 13) Acetone                   | 2.207 | 43  | 100038m | 54.859 | ug/L   |        |
| 14) Carbon disulfide          | 2.301 | 76  | 276483  | 4.574  | ug/L   | 100    |
| 15) Methyl Acetate            | 2.455 | 43  | 25743   | 4.319  | ug/L # | 79     |
| 16) Methylene chloride        | 2.516 | 84  | 97178   | 4.604  | ug/L   | 100    |
| 17) Methyl tert-butyl Ether   | 2.786 | 73  | 166690  | 4.847  | ug/L   | 99     |
| 18) trans-1,2-Dichloroethene  | 2.767 | 96  | 91524   | 4.581  | ug/L   | 100    |
| 19) 1,1-Dichloroethane        | 3.198 | 63  | 168545  | 4.638  | ug/L   | 99     |
| 21) 2-Butanone                | 4.002 | 43  | 150304  | 63.277 | ug/L   | 99     |
| 22) cis-1,2-Dichloroethene    | 3.921 | 96  | 93059   | 4.726  | ug/L   | 93     |
| 23) Bromochloromethane        | 4.259 | 128 | 38526   | 4.654  | ug/L   | 98     |
| 25) Chloroform                | 4.384 | 83  | 171679  | 4.602  | ug/L   | 99     |

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 Sample : VSTDCCC005  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005298

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Quant Time: Jun 09 05:04:11 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR060822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Jun 09 04:54:00 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.140  | 62   | 87658    | 4.753  | ug/L  | 99       |
| 29) 1,1,1-Trichloroethane     | 4.616  | 97   | 149353   | 4.656  | ug/L  | 99       |
| 30) Cyclohexane               | 4.683  | 56   | 137487   | 4.928  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 4.834  | 117  | 125660   | 4.771  | ug/L  | 96       |
| 33) Benzene                   | 5.104  | 78   | 378429   | 4.927  | ug/L  | 100      |
| 34) Trichloroethene           | 5.918  | 95   | 95853    | 4.776  | ug/L  | 99       |
| 35) Methylcyclohexane         | 6.133  | 83   | 151414   | 4.894  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.178  | 63   | 90373    | 4.854  | ug/L  | 99       |
| 38) Bromodichloromethane      | 6.513  | 83   | 108082   | 4.806  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.030  | 75   | 112970   | 4.925  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 7.230  | 43   | 386798   | 50.863 | ug/L  | 98       |
| 42) Toluene                   | 7.390  | 91   | 403295   | 5.025  | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 7.654  | 75   | 90853    | 5.055  | ug/L  | 97       |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 57654    | 4.769  | ug/L  | 99       |
| 47) Tetrachloroethene         | 7.976  | 164  | 72475    | 4.666  | ug/L  | 98       |
| 48) 2-Hexanone                | 8.143  | 43   | 274792   | 50.906 | ug/L  | 100      |
| 49) Dibromochloromethane      | 8.246  | 129  | 62231    | 4.716  | ug/L  | 96       |
| 50) 1,2-Dibromoethane         | 8.355  | 107  | 50809    | 4.724  | ug/L  | 93       |
| 51) Chlorobenzene             | 8.882  | 112  | 249289   | 4.772  | ug/L  | 99       |
| 52) Ethylbenzene              | 9.011  | 91   | 418601   | 4.976  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.140  | 106  | 160414   | 4.933  | ug/L  | 100      |
| 54) o-Xylene                  | 9.545  | 106  | 154828   | 5.009  | ug/L  | 99       |
| 55) Styrene                   | 9.561  | 104  | 267131   | 5.159  | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 10.242 | 83   | 60588    | 4.681  | ug/L  | 98       |
| 59) Bromoform                 | 9.731  | 173  | 28634    | 4.843  | ug/L  | 98       |
| 60) Isopropylbenzene          | 9.931  | 105  | 411811   | 4.917  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.271 | 75   | 45721    | 4.648  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 326287   | 4.919  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.914 | 105  | 332075   | 5.028  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.181 | 146  | 191747   | 4.819  | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 188978   | 4.664  | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 164611   | 4.678  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.429 | 75   | 7595     | 4.345  | ug/L  | 96       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 133476   | 4.632  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.258 | 180  | 98539    | 4.588  | ug/L  | 97       |
| 71) Naphthalene               | 13.503 | 128  | 147893   | 4.846  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 88235    | 4.853  | ug/L  | 99       |

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

