

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW071122\  
 Data File : VW026715.D  
 Acq On : 11 Jul 2022 21:59  
 Operator : SY/MD  
 Sample : VSTDICV005  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VICV206

Quant Time: Jul 12 06:09:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR071122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Jul 12 06:00:16 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.612  | 114   | 249867   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117   | 245623   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152   | 127817   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.298  | 65    | 105616   | 4.633    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 92.600%  |
| 7) Chloroethane-d5            | 1.561  | 69    | 92569    | 4.700    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 94.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63    | 204259   | 4.668    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 93.400%  |
| 20) 2-Butanone-d5             | 3.912  | 46    | 177668   | 49.939   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 99.880%  |
| 24) Chloroform-d              | 4.342  | 84    | 188332   | 4.725    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65    | 82444    | 4.735    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 94.600%  |
| 32) Benzene-d6                | 5.043  | 84    | 357477   | 4.790    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 95.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.066  | 67    | 106459   | 4.757    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 95.200%  |
| 41) Toluene-d8                | 7.313  | 98    | 332792   | 5.023    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 100.400% |
| 43) trans-1,3-Dichloroprop... | 7.622  | 79    | 34713    | 4.741    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 94.800%  |
| 46) 2-Hexanone-d5             | 8.091  | 63    | 161055   | 50.807   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 101.620% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84    | 81481    | 4.674    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 93.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.622 | 152   | 105654   | 4.744    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 94.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.124  | 85    | 154411   | 4.861    | ug/L   | 99       |
| 3) Chloromethane              | 1.236  | 50    | 149795   | 4.914    | ug/L   | 99       |
| 5) Vinyl chloride             | 1.304  | 62    | 155344   | 5.005    | ug/L   | 99       |
| 6) Bromomethane               | 1.516  | 94    | 93147    | 5.014    | ug/L   | 99       |
| 8) Chloroethane               | 1.577  | 64    | 92349    | 5.050    | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 1.744  | 101   | 196104   | 4.972    | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.108  | 101   | 110643   | 4.897    | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.111  | 96    | 109414   | 4.994    | ug/L   | 98       |
| 13) Acetone                   | 2.208  | 43    | 125863   | 42.048   | ug/L # | 46       |
| 14) Carbon disulfide          | 2.285  | 76    | 322383   | 4.994    | ug/L   | 99       |
| 15) Methyl Acetate            | 2.439  | 43    | 33807    | 5.584    | ug/L   | 97       |
| 16) Methylene chloride        | 2.500  | 84    | 111458   | 4.271    | ug/L   | 99       |
| 17) Methyl tert-butyl Ether   | 2.767  | 73    | 193778   | 5.134    | ug/L   | 99       |
| 18) trans-1,2-Dichloroethene  | 2.754  | 96    | 101886   | 5.060    | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 3.182  | 63    | 185499   | 5.045    | ug/L   | 100      |
| 21) 2-Butanone                | 3.995  | 43    | 177242   | 50.772   | ug/L   | 85       |
| 22) cis-1,2-Dichloroethene    | 3.905  | 96    | 101815   | 5.013    | ug/L   | 99       |
| 23) Bromochloromethane        | 4.246  | 128   | 46240    | 4.942    | ug/L   | 95       |
| 25) Chloroform                | 4.368  | 83    | 193851   | 5.033    | ug/L   | 100      |

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 Sample : VSTDICV005  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VICV206

Quant Time: Jul 12 06:09:59 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR071122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Jul 12 06:00:16 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.127  | 62   | 105357   | 5.077  | ug/L  | 98       |
| 29) 1,1,1-Trichloroethane     | 4.600  | 97   | 168685   | 5.096  | ug/L  | 99       |
| 30) Cyclohexane               | 4.670  | 56   | 142103   | 5.038  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 4.822  | 117  | 146204   | 5.002  | ug/L  | 98       |
| 33) Benzene                   | 5.095  | 78   | 421903   | 5.138  | ug/L  | 100      |
| 34) Trichloroethene           | 5.908  | 95   | 101043   | 5.006  | ug/L  | 97       |
| 35) Methylcyclohexane         | 6.127  | 83   | 152591   | 4.954  | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 6.172  | 63   | 98166    | 4.999  | ug/L  | 99       |
| 38) Bromodichloromethane      | 6.506  | 83   | 129910   | 5.075  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 7.027  | 75   | 123144   | 5.046  | ug/L  | 96       |
| 40) 4-Methyl-2-pentanone      | 7.227  | 43   | 487629   | 53.761 | ug/L  | 98       |
| 42) Toluene                   | 7.384  | 91   | 443172   | 5.344  | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 7.651  | 75   | 105622   | 5.271  | ug/L  | 98       |
| 45) 1,1,2-Trichloroethane     | 7.838  | 97   | 71942    | 5.012  | ug/L  | 96       |
| 47) Tetrachloroethene         | 7.973  | 164  | 80790    | 5.104  | ug/L  | 98       |
| 48) 2-Hexanone                | 8.140  | 43   | 362171   | 55.170 | ug/L  | 98       |
| 49) Dibromochloromethane      | 8.243  | 129  | 81334    | 4.917  | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.352  | 107  | 66290    | 5.219  | ug/L  | 95       |
| 51) Chlorobenzene             | 8.879  | 112  | 268138   | 5.114  | ug/L  | 98       |
| 52) Ethylbenzene              | 9.011  | 91   | 423909   | 5.165  | ug/L  | 100      |
| 53) m,p-Xylene                | 9.136  | 106  | 169202   | 5.301  | ug/L  | 98       |
| 54) o-Xylene                  | 9.542  | 106  | 155280   | 5.119  | ug/L  | 99       |
| 55) Styrene                   | 9.558  | 104  | 285168   | 5.365  | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 87970    | 5.177  | ug/L  | 96       |
| 59) Bromoform                 | 9.731  | 173  | 40437    | 4.931  | ug/L  | 96       |
| 60) Isopropylbenzene          | 9.931  | 105  | 418060   | 5.244  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.271 | 75   | 59910    | 5.082  | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 318148   | 5.016  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 328318   | 5.098  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.178 | 146  | 203368   | 5.207  | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.271 | 146  | 205635   | 5.178  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.641 | 146  | 187179   | 5.131  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.429 | 75   | 12405    | 4.964  | ug/L  | 99       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 137813   | 4.992  | ug/L  | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.259 | 180  | 104958   | 4.999  | ug/L  | 98       |
| 71) Naphthalene               | 13.500 | 128  | 168754   | 4.851  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.741 | 180  | 98340    | 5.033  | ug/L  | 98       |

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

