

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV110624\  
 Data File : VV037926.D  
 Acq On : 06 Nov 2024 13:02  
 Operator : SY/MD  
 Sample : VSTDICV005  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VICV208

Quant Time: Nov 06 22:38:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110624WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 06 21:46:56 2024  
 Response via : Initial Calibration

| Compound                      |        | R.T.   | QIon     | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|--------|----------|----------|--------|----------|----------|
| -----                         |        |        |          |          |        |          |          |
| Internal Standards            |        |        |          |          |        |          |          |
| 1) 1,4-Difluorobenzene        |        | 5.529  | 114      | 306487   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          |        | 8.780  | 117      | 307451   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    |        | 11.178 | 152      | 170897   | 5.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |        |        |          |          |        |          |          |
| 4) Vinyl Chloride-d3          |        | 1.278  | 65       | 122430   | 5.219  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 40 - 130 | Recovery | =      | 104.400% |          |
| 7) Chloroethane-d5            |        | 1.532  | 69       | 97882    | 5.119  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 65 - 130 | Recovery | =      | 102.400% |          |
| 11) 1,1-Dichloroethene-d2     |        | 2.056  | 65       | 54365    | 5.340  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 60 - 125 | Recovery | =      | 106.800% |          |
| 20) 2-Butanone-d5             |        | 3.799  | 46       | 230766   | 52.778 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 40 - 130 | Recovery | =      | 105.560% |          |
| 24) Chloroform-d              |        | 4.243  | 84       | 227662   | 5.324  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 106.400% |          |
| 26) 1,2-Dichloroethane-d4     |        | 4.937  | 65       | 101588   | 5.316  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 106.400% |          |
| 32) Benzene-d6                |        | 4.953  | 84       | 437955   | 5.523  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 125 | Recovery | =      | 110.400% |          |
| 36) 1,2-Dichloropropane-d6    |        | 5.982  | 67       | 128185   | 5.536  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 60 - 140 | Recovery | =      | 110.800% |          |
| 41) Toluene-d8                |        | 7.236  | 98       | 413847   | 5.808  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 70 - 130 | Recovery | =      | 116.200% |          |
| 43) trans-1,3-Dichloroprop... |        | 7.551  | 79       | 48163    | 5.379  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 55 - 130 | Recovery | =      | 107.600% |          |
| 46) 2-Hexanone-d5             |        | 8.021  | 63       | 207377   | 59.604 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range  | 45 - 130 | Recovery | =      | 119.200% |          |
| 56) 1,1,2,2-Tetrachloroeth... |        | 10.146 | 84       | 100684   | 5.393  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 65 - 120 | Recovery | =      | 107.800% |          |
| 66) 1,2-Dichlorobenzene-d4    |        | 11.554 | 152      | 151486   | 5.374  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range  | 80 - 120 | Recovery | =      | 107.400% |          |
| Target Compounds              |        |        |          |          |        |          |          |
|                               |        |        |          |          |        | Qvalue   |          |
| 2) Dichlorodifluoromethane    |        | 1.108  | 85       | 154226   | 5.041  | ug/L     | 100      |
| 3) Chloromethane              |        | 1.217  | 50       | 141466   | 4.914  | ug/L     | 99       |
| 5) Vinyl chloride             |        | 1.281  | 62       | 143835   | 5.021  | ug/L     | 98       |
| 6) Bromomethane               |        | 1.487  | 94       | 86612    | 5.344  | ug/L     | 97       |
| 8) Chloroethane               |        | 1.548  | 64       | 85575    | 5.021  | ug/L     | 99       |
| 9) Trichlorofluoromethane     |        | 1.712  | 101      | 200048   | 5.026  | ug/L     | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... |        | 2.066  | 101      | 114459   | 5.025  | ug/L     | 98       |
| 12) 1,1-Dichloroethene        |        | 2.066  | 96       | 106628   | 5.093  | ug/L     | 98       |
| 13) Acetone                   |        | 2.130  | 43       | 152523   | 49.142 | ug/L     | 97       |
| 14) Carbon disulfide          |        | 2.236  | 76       | 359188   | 5.057  | ug/L     | 100      |
| 15) Methyl Acetate            |        | 2.384  | 43       | 36597    | 4.982  | ug/L     | 99       |
| 16) Methylene chloride        |        | 2.442  | 84       | 118798   | 4.861  | ug/L     | 98       |
| 17) Methyl tert-butyl Ether   |        | 2.699  | 73       | 243841   | 5.208  | ug/L     | 99       |
| 18) trans-1,2-Dichloroethene  |        | 2.690  | 96       | 116541   | 5.154  | ug/L     | 99       |
| 19) 1,1-Dichloroethane        |        | 3.108  | 63       | 208351   | 5.072  | ug/L     | 98       |
| 21) 2-Butanone                |        | 3.879  | 43       | 226782   | 49.165 | ug/L     | 99       |
| 22) cis-1,2-Dichloroethene    |        | 3.809  | 96       | 123867   | 5.199  | ug/L     | 98       |
| 23) Bromochloromethane        |        | 4.143  | 128      | 55764    | 5.183  | ug/L     | 97       |
| 25) Chloroform                |        | 4.269  | 83       | 216638   | 5.020  | ug/L     | 100      |

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 VICV208

Quant Time: Nov 06 22:38:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR110624WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 06 21:46:56 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 5.037  | 62   | 123166   | 5.151  | ug/L  | 100      |
| 29) 1,1,1-Trichloroethane     | 4.503  | 97   | 190992   | 5.196  | ug/L  | 97       |
| 30) Cyclohexane               | 4.574  | 56   | 172313   | 5.284  | ug/L  | 98       |
| 31) Carbon tetrachloride      | 4.725  | 117  | 166694   | 5.168  | ug/L  | 98       |
| 33) Benzene                   | 5.002  | 78   | 452642   | 5.358  | ug/L  | 100      |
| 34) Trichloroethene           | 5.828  | 95   | 120926   | 5.169  | ug/L  | 98       |
| 35) Methylcyclohexane         | 6.040  | 83   | 176304   | 5.056  | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 6.085  | 63   | 109158   | 5.169  | ug/L  | 99       |
| 38) Bromodichloromethane      | 6.426  | 83   | 147309   | 5.258  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 6.950  | 75   | 147608   | 4.838  | ug/L  | 97       |
| 40) 4-Methyl-2-pentanone      | 7.153  | 43   | 580935   | 54.670 | ug/L  | 98       |
| 42) Toluene                   | 7.310  | 91   | 487750   | 5.456  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.580  | 75   | 134884   | 5.362  | ug/L  | 97       |
| 45) 1,1,2-Trichloroethane     | 7.764  | 97   | 85126    | 5.326  | ug/L  | 97       |
| 47) Tetrachloroethene         | 7.899  | 164  | 94169    | 5.178  | ug/L  | 97       |
| 48) 2-Hexanone                | 8.072  | 43   | 414376   | 55.128 | ug/L  | 99       |
| 49) Dibromochloromethane      | 8.169  | 129  | 92683    | 5.073  | ug/L  | 97       |
| 50) 1,2-Dibromoethane         | 8.278  | 107  | 81006    | 5.431  | ug/L  | 98       |
| 51) Chlorobenzene             | 8.809  | 112  | 320472   | 5.242  | ug/L  | 98       |
| 52) Ethylbenzene              | 8.940  | 91   | 521629   | 5.417  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.066  | 106  | 202273   | 5.507  | ug/L  | 98       |
| 54) o-Xylene                  | 9.471  | 106  | 194859   | 5.574  | ug/L  | 95       |
| 55) Styrene                   | 9.490  | 104  | 340828   | 5.661  | ug/L  | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 10.172 | 83   | 97849    | 5.273  | ug/L  | 98       |
| 59) Bromoform                 | 9.661  | 173  | 48928    | 4.913  | ug/L  | 97       |
| 60) Isopropylbenzene          | 9.860  | 105  | 518146   | 5.203  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.204 | 75   | 67859    | 5.078  | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 10.471 | 105  | 402891   | 5.145  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.844 | 105  | 397303   | 5.143  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.111 | 146  | 261197   | 5.180  | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.204 | 146  | 262045   | 5.033  | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.570 | 146  | 237117   | 5.086  | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.361 | 75   | 14040    | 4.839  | ug/L  | 86       |
| 69) 1,3,5-Trichlorobenzene    | 12.577 | 180  | 174820   | 4.912  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.194 | 180  | 141957   | 5.080  | ug/L  | 100      |
| 71) Naphthalene               | 13.435 | 128  | 205629   | 5.185  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.673 | 180  | 125436   | 5.207  | ug/L  | 94       |

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

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