

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW072524\  
 Data File : VW036672.D  
 Acq On : 24 Jul 2024 18:36  
 Operator : SY/MD  
 Sample : VSTD20037  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD200237

Quant Time: Jul 25 02:29:25 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072424WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jul 25 02:25:25 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114  | 386589   | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117  | 400395   | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.182 | 152  | 250784   | 50.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65   | 559302   | 187.613 | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.513  | 69   | 471065   | 261.780 | ug/L  | -0.01    |
| 11) 1,1-Dichloroethene-d2     | 2.047  | 65   | 264443   | 210.642 | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 3.770  | 46   | 663759   | 431.791 | ug/L  | 0.00     |
| 24) Chloroform-d              | 4.236  | 84   | 1154435  | 221.461 | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 4.931  | 65   | 703948   | 231.025 | ug/L  | 0.00     |
| 32) Benzene-d6                | 4.950  | 84   | 2172962  | 211.237 | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 5.979  | 67   | 615857   | 196.602 | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.236  | 98   | 2219544  | 235.293 | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.545  | 79   | 372424   | 248.281 | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 8.018  | 63   | 595520   | 623.198 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84   | 994255   | 220.649 | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.555 | 152  | 1048296  | 237.059 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.102  | 85   | 710551   | 241.139 | ug/L  | 100      |
| 3) Chloromethane              | 1.211  | 50   | 510748   | 182.317 | ug/L  | 99       |
| 5) Vinyl chloride             | 1.278  | 62   | 652556   | 215.134 | ug/L  | 99       |
| 6) Bromomethane               | 1.465  | 94   | 270234   | 139.322 | ug/L  | 99       |
| 8) Chloroethane               | 1.529  | 64   | 431505   | 301.293 | ug/L  | 100      |
| 9) Trichlorofluoromethane     | 1.700  | 101  | 1130031  | 259.926 | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.057  | 101  | 665269   | 247.652 | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.060  | 96   | 616426   | 256.380 | ug/L  | 94       |
| 13) Acetone                   | 2.105  | 43   | 502574   | 287.825 | ug/L  | 100      |
| 14) Carbon disulfide          | 2.230  | 76   | 1570513  | 240.021 | ug/L  | 100      |
| 15) Methyl Acetate            | 2.365  | 43   | 476585   | 174.183 | ug/L  | 99       |
| 16) Methylene chloride        | 2.436  | 84   | 606953   | 209.383 | ug/L  | 98       |
| 17) trans-1,2-Dichloroethene  | 2.683  | 96   | 611943   | 243.334 | ug/L  | 99       |
| 18) Methyl tert-butyl Ether   | 2.696  | 73   | 1821816  | 225.059 | ug/L  | 99       |
| 19) 1,1-Dichloroethane        | 3.101  | 63   | 971841   | 196.234 | ug/L  | 100      |
| 20) cis-1,2-Dichloroethene    | 3.802  | 96   | 700327   | 250.261 | ug/L  | 98       |
| 22) 2-Butanone                | 3.851  | 43   | 699646   | 357.284 | ug/L  | 97       |
| 23) Bromochloromethane        | 4.134  | 128  | 395204   | 247.177 | ug/L  | 99       |
| 25) Chloroform                | 4.265  | 83   | 1163895  | 220.428 | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 5.031  | 62   | 878564   | 227.123 | ug/L  | 100      |
| 29) Cyclohexane               | 4.574  | 56   | 781113   | 220.222 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 4.503  | 97   | 1072400  | 231.025 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 4.725  | 117  | 1003475  | 243.770 | ug/L  | 98       |
| 33) Benzene                   | 4.998  | 78   | 2307492  | 216.394 | ug/L  | 100      |
| 34) Trichloroethene           | 5.825  | 95   | 751052   | 247.856 | ug/L  | 99       |
| 35) Methylcyclohexane         | 6.043  | 83   | 1025418  | 244.446 | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.085  | 63   | 563025   | 194.969 | ug/L  | 98       |
| 38) Bromodichloromethane      | 6.423  | 83   | 894976   | 220.473 | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 6.947  | 75   | 1040161  | 236.500 | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.150  | 43   | 1396266  | 411.881 | ug/L  | 99       |
| 42) Toluene                   | 7.310  | 91   | 2699121  | 238.799 | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.574  | 75   | 1036391  | 246.110 | ug/L  | 99       |

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|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 7.764  | 97   | 688681   | 219.606 | ug/L  | 99       |
| 46) Tetrachloroethene         | 7.899  | 164  | 644968   | 268.717 | ug/L  | 99       |
| 48) 2-Hexanone                | 8.069  | 43   | 1095201  | 383.953 | ug/L  | 97       |
| 49) Dibromochloromethane      | 8.172  | 129  | 827587   | 251.506 | ug/L  | 97       |
| 50) 1,2-Dibromoethane         | 8.275  | 107  | 800786   | 246.647 | ug/L  | 100      |
| 51) Chlorobenzene             | 8.809  | 112  | 1912373  | 238.536 | ug/L  | 99       |
| 52) Ethylbenzene              | 8.940  | 91   | 3095359  | 251.749 | ug/L  | 99       |
| 53) m,p-Xylene                | 9.069  | 106  | 1247199  | 265.544 | ug/L  | 98       |
| 54) o-Xylene                  | 9.474  | 106  | 1222750  | 266.564 | ug/L  | 99       |
| 55) Styrene                   | 9.490  | 104  | 2139044  | 270.270 | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.172 | 83   | 978994   | 202.003 | ug/L  | 99       |
| 59) Bromoform                 | 9.657  | 173  | 754909   | 247.113 | ug/L  | 100      |
| 60) Isopropylbenzene          | 9.863  | 105  | 3290802  | 229.609 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.204 | 75   | 845785   | 183.943 | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 10.474 | 105  | 2796128  | 243.689 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.847 | 105  | 2817196  | 250.181 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.111 | 146  | 1737320  | 231.182 | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 11.204 | 146  | 1779906  | 225.260 | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.574 | 146  | 1756151  | 229.305 | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.358 | 75   | 290101   | 264.965 | ug/L  | 98       |
| 69) 1,3,5-Trichlorobenzene    | 12.577 | 180  | 1430299  | 265.862 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.194 | 180  | 1355104  | 310.140 | ug/L  | 100      |
| 71) Naphthalene               | 13.432 | 128  | 3851081  | 373.844 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.673 | 180  | 1360702  | 310.606 | ug/L  | 100      |

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

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