

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX070424\  
 Data File : VX042177.D  
 Acq On : 03 Jul 2024 21:02  
 Operator : JC/MD  
 Sample : VSTD20010  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD200610

Quant Time: Jul 04 04:48:48 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML070324WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jul 04 04:46:15 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 6.763  | 114  | 275333   | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 10.055 | 117  | 257204   | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024 | 152  | 147378   | 50.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.368  | 65   | 325038   | 207.118 | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.642  | 69   | 192464   | 171.594 | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.294  | 65   | 146137   | 192.980 | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 4.465  | 46   | 442841   | 385.331 | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.056  | 84   | 648903   | 191.671 | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.958  | 65   | 378568   | 158.884 | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.970  | 84   | 1316654  | 189.096 | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 7.306  | 67   | 404596   | 194.006 | ug/L  | 0.00     |
| 41) Toluene-d8                | 8.647  | 98   | 1231322  | 172.111 | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.952  | 79   | 192044   | 187.856 | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 9.384  | 63   | 388444   | 402.225 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189 | 84   | 597059   | 183.703 | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.323 | 152  | 559987   | 188.700 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.166  | 85   | 379977   | 198.495 | ug/L  | 99       |
| 3) Chloromethane              | 1.301  | 50   | 374149   | 221.164 | ug/L  | 99       |
| 5) Vinyl chloride             | 1.374  | 62   | 384280   | 222.699 | ug/L  | 100      |
| 6) Bromomethane               | 1.599  | 94   | 210153   | 182.656 | ug/L  | 100      |
| 8) Chloroethane               | 1.660  | 64   | 166862   | 171.683 | ug/L  | 98       |
| 9) Trichlorofluoromethane     | 1.868  | 101  | 443663   | 152.492 | ug/L  | 97       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.313  | 101  | 340526   | 191.471 | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.306  | 96   | 327449   | 205.173 | ug/L  | 97       |
| 13) Acetone                   | 2.398  | 43   | 301954   | 269.743 | ug/L  | 98       |
| 14) Carbon disulfide          | 2.502  | 76   | 881045   | 226.593 | ug/L  | 99       |
| 15) Methyl Acetate            | 2.709  | 43   | 380053   | 190.752 | ug/L  | 99       |
| 16) Methylene chloride        | 2.782  | 84   | 363211   | 202.160 | ug/L  | 98       |
| 17) trans-1,2-Dichloroethene  | 3.087  | 96   | 336642   | 205.623 | ug/L  | 98       |
| 18) Methyl tert-butyl Ether   | 3.123  | 73   | 1094409  | 197.254 | ug/L  | 100      |
| 19) 1,1-Dichloroethane        | 3.605  | 63   | 595571   | 196.998 | ug/L  | 99       |
| 20) cis-1,2-Dichloroethene    | 4.483  | 96   | 393133   | 206.594 | ug/L  | 100      |
| 22) 2-Butanone                | 4.568  | 43   | 521627   | 359.126 | ug/L  | 98       |
| 23) Bromochloromethane        | 4.904  | 128  | 216732   | 213.360 | ug/L  | 99       |
| 25) Chloroform                | 5.093  | 83   | 625797   | 192.523 | ug/L  | 99       |
| 27) 1,2-Dichloroethane        | 6.086  | 62   | 459894   | 173.589 | ug/L  | 100      |
| 29) Cyclohexane               | 5.464  | 56   | 549446   | 192.527 | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 5.379  | 97   | 555513   | 186.161 | ug/L  | 100      |
| 31) Carbon tetrachloride      | 5.672  | 117  | 503893   | 190.880 | ug/L  | 100      |
| 33) Benzene                   | 6.037  | 78   | 1364270  | 189.145 | ug/L  | 100      |
| 34) Trichloroethene           | 7.123  | 95   | 371595   | 189.257 | ug/L  | 99       |
| 35) Methylcyclohexane         | 7.379  | 83   | 576576   | 189.750 | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 7.428  | 63   | 353526   | 193.842 | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.824  | 83   | 464444   | 191.295 | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 8.366  | 75   | 571116   | 191.831 | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 8.580  | 43   | 1030026  | 356.503 | ug/L  | 99       |
| 42) Toluene                   | 8.720  | 91   | 1470761  | 187.013 | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 8.976  | 75   | 524383   | 190.310 | ug/L  | 100      |

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 VSTD200610

Quant Time: Jul 04 04:48:48 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML070324WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jul 04 04:46:15 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 9.153  | 97   | 376270   | 186.716 | ug/L  | 97       |
| 46) Tetrachloroethene         | 9.275  | 164  | 344377   | 182.994 | ug/L  | 99       |
| 48) 2-Hexanone                | 9.433  | 43   | 807849   | 353.677 | ug/L  | 99       |
| 49) Dibromochloromethane      | 9.525  | 129  | 423794   | 208.700 | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 9.610  | 107  | 411620   | 196.584 | ug/L  | 98       |
| 51) Chlorobenzene             | 10.079 | 112  | 1009389  | 192.666 | ug/L  | 99       |
| 52) Ethylbenzene              | 10.195 | 91   | 1632845  | 190.045 | ug/L  | 99       |
| 53) m,p-Xylene                | 10.299 | 106  | 665942   | 190.835 | ug/L  | 99       |
| 54) o-Xylene                  | 10.640 | 106  | 660468   | 185.785 | ug/L  | 98       |
| 55) Styrene                   | 10.653 | 104  | 1132184  | 190.754 | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 11.213 | 83   | 605435   | 182.077 | ug/L  | 98       |
| 59) Bromoform                 | 10.799 | 173  | 385862   | 222.257 | ug/L  | 99       |
| 60) Isopropylbenzene          | 10.963 | 105  | 1696923  | 188.216 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 11.238 | 75   | 458524   | 181.685 | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 1325520  | 211.408 | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 1444705  | 195.154 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.969 | 146  | 882419   | 191.180 | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 12.043 | 146  | 900519   | 193.448 | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene       | 12.335 | 146  | 891840   | 188.570 | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.939 | 75   | 137853   | 202.545 | ug/L  | 89       |
| 69) 1,3,5-Trichlorobenzene    | 13.116 | 180  | 684074   | 195.542 | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.585 | 180  | 652909   | 206.939 | ug/L  | 98       |
| 71) Naphthalene               | 13.774 | 128  | 1919505  | 205.806 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 653047   | 202.272 | ug/L  | 100      |

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

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