

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX020821\  
 Data File : VX020879.D  
 Acq On : 08 Feb 2021 12:56  
 Operator : JC/MD  
 Sample : VSTD10031  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD100401

Quant Time: Feb 08 13:33:11 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML020821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Feb 08 13:15:54 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 6.830  | 114  | 487729   | 50.00  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 10.098 | 117  | 469354   | 50.00  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.061 | 152  | 235852   | 50.00  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 1.386  | 65   | 298898   | 81.30  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.685  | 69   | 255048   | 88.32  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.343  | 63   | 585429   | 84.93  | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 4.532  | 46   | 425990   | 183.33 | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.141  | 84   | 682937   | 102.97 | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 6.031  | 65   | 422405   | 96.83  | ug/L  | 0.00     |
| 32) Benzene-d6                | 6.050  | 84   | 1338946  | 97.45  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 7.366  | 67   | 411931   | 97.01  | ug/L  | 0.00     |
| 41) Toluene-d8                | 8.695  | 98   | 1233658  | 99.03  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.994  | 79   | 211261   | 102.29 | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 9.427  | 63   | 354704   | 192.20 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 11.232 | 84   | 554265   | 94.30  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.359 | 152  | 486742   | 106.28 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.185  | 85   | 379600   | 83.57  | ug/L  | 100      |
| 3) Chloromethane              | 1.313  | 50   | 335473   | 82.25  | ug/L  | 100      |
| 5) Vinyl chloride             | 1.392  | 62   | 344213   | 80.23  | ug/L  | 99       |
| 6) Bromomethane               | 1.624  | 94   | 165517   | 75.30  | ug/L  | 99       |
| 8) Chloroethane               | 1.703  | 64   | 205687   | 79.84  | ug/L  | 98       |
| 9) Trichlorofluoromethane     | 1.910  | 101  | 519598   | 92.86  | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.361  | 101  | 288995   | 85.22  | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.355  | 96   | 273918   | 83.06  | ug/L  | 96       |
| 13) Acetone                   | 2.422  | 43   | 286127   | 155.88 | ug/L  | 98       |
| 14) Carbon disulfide          | 2.550  | 76   | 848606   | 80.25  | ug/L  | 99       |
| 15) Methyl Acetate            | 2.745  | 43   | 309084   | 82.62  | ug/L  | 100      |
| 16) Methylene chloride        | 2.831  | 84   | 355119   | 88.17  | ug/L  | 99       |
| 17) trans-1,2-Dichloroethene  | 3.142  | 96   | 321105   | 88.78  | ug/L  | 98       |
| 18) Methyl tert-butyl Ether   | 3.166  | 73   | 1055878  | 95.86  | ug/L  | 98       |
| 19) 1,1-Dichloroethane        | 3.666  | 63   | 599353   | 90.96  | ug/L  | 99       |
| 20) cis-1,2-Dichloroethene    | 4.562  | 96   | 371074   | 93.69  | ug/L  | 95       |
| 22) 2-Butanone                | 4.635  | 43   | 455896   | 165.68 | ug/L  | 99       |
| 23) Bromochloromethane        | 4.977  | 128  | 192361   | 93.13  | ug/L  | 95       |
| 25) Chloroform                | 5.172  | 83   | 656147   | 91.14  | ug/L  | 99       |
| 27) 1,2-Dichloroethane        | 6.159  | 62   | 468822   | 88.52  | ug/L  | 100      |
| 29) Cyclohexane               | 5.550  | 56   | 497942   | 89.67  | ug/L  | 98       |
| 30) 1,1,1-Trichloroethane     | 5.458  | 97   | 581333   | 98.06  | ug/L  | 97       |
| 31) Carbon tetrachloride      | 5.751  | 117  | 519084   | 102.68 | ug/L  | 99       |
| 33) Benzene                   | 6.111  | 78   | 1338295  | 88.88  | ug/L  | 100      |
| 34) Trichloroethene           | 7.184  | 95   | 358659   | 92.74  | ug/L  | 95       |
| 35) Methylcyclohexane         | 7.440  | 83   | 531501   | 92.96  | ug/L  | 97       |
| 37) 1,2-Dichloropropane       | 7.488  | 63   | 345110   | 89.91  | ug/L  | 98       |
| 38) Bromodichloromethane      | 7.872  | 83   | 493295   | 98.86  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 8.415  | 75   | 564716   | 98.25  | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 8.622  | 43   | 848320   | 172.76 | ug/L  | 97       |
| 42) Toluene                   | 8.763  | 91   | 1448727  | 92.15  | ug/L  | 97       |
| 44) trans-1,3-Dichloropropene | 9.019  | 75   | 556313   | 99.07  | ug/L  | 99       |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 9.195  | 97   | 350725   | 91.39  | ug/L  | 98       |
| 46) Tetrachloroethene         | 9.317  | 164  | 279090   | 93.07  | ug/L  | 98       |
| 48) 2-Hexanone                | 9.470  | 43   | 654102   | 167.67 | ug/L  | 99       |
| 49) Dibromochloromethane      | 9.561  | 129  | 415086   | 103.55 | ug/L  | 94       |
| 50) 1,2-Dibromoethane         | 9.653  | 107  | 366712   | 92.53  | ug/L  | 97       |
| 51) Chlorobenzene             | 10.122 | 112  | 954368   | 94.77  | ug/L  | 97       |
| 52) Ethylbenzene              | 10.232 | 91   | 1645817  | 97.70  | ug/L  | 98       |
| 53) m,p-Xylene                | 10.342 | 106  | 622656   | 98.78  | ug/L  | 99       |
| 54) o-Xylene                  | 10.683 | 106  | 609920   | 99.17  | ug/L  | 96       |
| 55) Styrene                   | 10.695 | 104  | 1079485  | 103.66 | ug/L  | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 11.250 | 83   | 525104   | 87.93  | ug/L  | 100      |
| 59) Bromoform                 | 10.841 | 173  | 310685   | 105.29 | ug/L  | 99       |
| 60) Isopropylbenzene          | 11.000 | 105  | 1633787  | 99.81  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 11.274 | 75   | 437066   | 87.18  | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 11.488 | 105  | 1421083  | 106.73 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.792 | 105  | 1433258  | 106.17 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 12.006 | 146  | 748920   | 97.78  | ug/L  | 96       |
| 65) 1,4-Dichlorobenzene       | 12.079 | 146  | 766385   | 99.20  | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 12.378 | 146  | 734311   | 96.21  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.981 | 75   | 115754   | 91.84  | ug/L  | 96       |
| 69) 1,3,5-Trichlorobenzene    | 13.152 | 180  | 516734   | 99.32  | ug/L  | 97       |
| 70) 1,2,4-trichlorobenzene    | 13.628 | 180  | 472564   | 105.42 | ug/L  | 98       |
| 71) Naphthalene               | 13.817 | 128  | 1594252  | 108.44 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.999 | 180  | 462804   | 100.06 | ug/L  | 93       |

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

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