

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX102821\  
 Data File : VX025000.D  
 Acq On : 28 Oct 2021 12:00  
 Operator : JC/MD  
 Sample : VSTD20027  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 25 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD200627

Manual Integrations  
 APPROVED

MMDadoda  
 11/1/2021 12:58:05 PM

Quant Time: Oct 28 12:29:21 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML102821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 28 11:48:39 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 6.769  | 114  | 150355   | 50.000  | ug/L  | # 0.00   |
| 28) Chlorobenzene-d5          | 10.055 | 117  | 137458   | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024 | 152  | 70572    | 50.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.368  | 65   | 192939   | 290.822 | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.666  | 69   | 116835   | 259.431 | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.307  | 63   | 488716   | 250.161 | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 4.471  | 46   | 388160   | 600.600 | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.062  | 84   | 520892   | 210.457 | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.964  | 65   | 371388   | 230.564 | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.983  | 84   | 801124   | 215.026 | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 7.318  | 67   | 276441   | 237.726 | ug/L  | 0.00     |
| 41) Toluene-d8                | 8.653  | 98   | 773216   | 207.255 | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.952  | 79   | 167302m  | 230.820 | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 9.391  | 63   | 287408   | 520.818 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195 | 84   | 374029   | 218.184 | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.323 | 152  | 275175   | 189.186 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.166  | 85   | 284643   | 206.942 | ug/L  | 97       |
| 3) Chloromethane              | 1.288  | 50   | 192874   | 370.545 | ug/L  | 90       |
| 5) Vinyl chloride             | 1.374  | 62   | 218799   | 329.999 | ug/L  | 100      |
| 6) Bromomethane               | 1.612  | 94   | 142709   | 284.879 | ug/L  | 91       |
| 8) Chloroethane               | 1.685  | 64   | 96167    | 264.064 | ug/L  | 98       |
| 9) Trichlorofluoromethane     | 1.886  | 101  | 486648   | 237.602 | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.325  | 101  | 227734   | 211.493 | ug/L  | 92       |
| 12) 1,1-Dichloroethene        | 2.319  | 96   | 190849m  | 218.286 | ug/L  |          |
| 13) Acetone                   | 2.392  | 43   | 326976   | 644.790 | ug/L  | 88       |
| 14) Carbon disulfide          | 2.514  | 76   | 547626   | 245.951 | ug/L  | 99       |
| 15) Methyl Acetate            | 2.709  | 43   | 269054   | 332.265 | ug/L  | # 76     |
| 16) Methylene chloride        | 2.788  | 84   | 217097   | 220.361 | ug/L  | # 71     |
| 17) trans-1,2-Dichloroethene  | 3.093  | 96   | 205135   | 220.316 | ug/L  | 85       |
| 18) Methyl tert-butyl Ether   | 3.117  | 73   | 837679   | 231.820 | ug/L  | # 89     |
| 19) 1,1-Dichloroethane        | 3.611  | 63   | 462544   | 255.979 | ug/L  | 93       |
| 20) cis-1,2-Dichloroethene    | 4.495  | 96   | 232513m  | 214.951 | ug/L  |          |
| 22) 2-Butanone                | 4.568  | 43   | 426046   | 669.748 | ug/L  | 79       |
| 23) Bromochloromethane        | 4.910  | 128  | 111895   | 192.877 | ug/L  | # 55     |
| 25) Chloroform                | 5.099  | 83   | 510367   | 220.560 | ug/L  | 98       |
| 27) 1,2-Dichloroethane        | 6.099  | 62   | 451319   | 246.731 | ug/L  | 98       |
| 29) Cyclohexane               | 5.477  | 56   | 388264   | 286.623 | ug/L  | # 76     |
| 30) 1,1,1-Trichloroethane     | 5.391  | 97   | 491530   | 211.511 | ug/L  | # 93     |
| 31) Carbon tetrachloride      | 5.684  | 117  | 425936   | 208.369 | ug/L  | 100      |
| 33) Benzene                   | 6.044  | 78   | 885230   | 231.400 | ug/L  | 100      |
| 34) Trichloroethene           | 7.129  | 95   | 266465   | 217.396 | ug/L  | 98       |
| 35) Methylcyclohexane         | 7.385  | 83   | 387131   | 232.926 | ug/L  | # 86     |
| 37) 1,2-Dichloropropane       | 7.440  | 63   | 250381   | 258.777 | ug/L  | # 95     |
| 38) Bromodichloromethane      | 7.824  | 83   | 401855   | 237.585 | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 8.373  | 75   | 430472   | 251.577 | ug/L  | 98       |
| 40) 4-Methyl-2-pentanone      | 8.580  | 43   | 770228   | 652.678 | ug/L  | # 80     |
| 42) Toluene                   | 8.726  | 91   | 989090   | 225.821 | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 8.982  | 75   | 455057   | 251.436 | ug/L  | 97       |

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MMDadoda  
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Quant Time: Oct 28 12:29:21 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML102821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Oct 28 11:48:39 2021  
 Response via : Initial Calibration

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|-------------------------------|--------|------|----------|---------|--------|----------|
| -----                         |        |      |          |         |        |          |
| 45) 1,1,2-Trichloroethane     | 9.159  | 97   | 234514   | 217.224 | ug/L   | 98       |
| 46) Tetrachloroethene         | 9.275  | 164  | 171647   | 203.047 | ug/L   | 98       |
| 48) 2-Hexanone                | 9.439  | 43   | 608277   | 655.473 | ug/L # | 83       |
| 49) Dibromochloromethane      | 9.525  | 129  | 287004   | 215.169 | ug/L   | 100      |
| 50) 1,2-Dibromoethane         | 9.616  | 107  | 266325   | 215.813 | ug/L   | 97       |
| 51) Chlorobenzene             | 10.086 | 112  | 595927   | 215.551 | ug/L   | 93       |
| 52) Ethylbenzene              | 10.195 | 91   | 1157786  | 228.435 | ug/L   | 96       |
| 53) m,p-Xylene                | 10.305 | 106  | 394604   | 217.341 | ug/L   | 96       |
| 54) o-Xylene                  | 10.646 | 106  | 393526   | 221.812 | ug/L   | 95       |
| 55) Styrene                   | 10.659 | 104  | 678418   | 230.334 | ug/L   | 96       |
| 57) 1,1,2,2-Tetrachloroethane | 11.220 | 83   | 382359   | 226.924 | ug/L   | 98       |
| 59) Bromoform                 | 10.805 | 173  | 193940   | 220.533 | ug/L   | 96       |
| 60) Isopropylbenzene          | 10.964 | 105  | 1127768  | 212.748 | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 11.244 | 75   | 337649   | 220.091 | ug/L   | 93       |
| 62) 1,3,5-Trimethylbenzene    | 11.457 | 105  | 980002   | 211.710 | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 11.756 | 105  | 986762   | 213.903 | ug/L   | 98       |
| 64) 1,3-Dichlorobenzene       | 11.976 | 146  | 446970   | 205.535 | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 12.049 | 146  | 447556   | 203.945 | ug/L   | 96       |
| 67) 1,2-Dichlorobenzene       | 12.341 | 146  | 451654   | 206.360 | ug/L   | 97       |
| 68) 1,2-Dibromo-3-chloropr... | 12.945 | 75   | 114662   | 231.883 | ug/L # | 84       |
| 69) 1,3,5-Trichlorobenzene    | 13.116 | 180  | 317789   | 209.033 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.591 | 180  | 287128   | 222.584 | ug/L   | 97       |
| 71) Naphthalene               | 13.780 | 128  | 1033887  | 232.257 | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.963 | 180  | 284080   | 214.086 | ug/L   | 96       |
| -----                         |        |      |          |         |        |          |

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

