

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW072822\  
 Data File : VW027047.D  
 Acq On : 28 Jul 2022 19:10  
 Operator : SY/MD  
 Sample : VSTD00544  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005244

Quant Time: Jul 29 01:29:49 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072822WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 29 01:24:47 2022  
 Response via : Initial Calibration

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 07/29/2022  
 Supervised By :Mahesh Dadoda 08/01/2022

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114  | 543350   | 50.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117  | 528169   | 50.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152  | 252557   | 50.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65   | 26829    | 5.190  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.561  | 69   | 21693    | 5.297  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.105  | 63   | 46518    | 5.286  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 3.918  | 46   | 26309m   | 8.501  | ug/L   | 0.04     |
| 24) Chloroform-d              | 4.346  | 84   | 46835    | 5.031  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65   | 26024    | 4.924  | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.050  | 84   | 90229    | 4.865  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67   | 27953    | 4.924  | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.317  | 98   | 76197    | 4.545  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.629  | 79   | 10697    | 4.266  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 8.098  | 63   | 18195    | 7.456  | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84   | 44310    | 5.177  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152  | 29640    | 5.221  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.127  | 85   | 32804    | 5.817  | ug/L   | 100      |
| 3) Chloromethane              | 1.237  | 50   | 30589    | 5.932  | ug/L   | 95       |
| 5) Vinyl chloride             | 1.307  | 62   | 32375    | 5.919  | ug/L   | 100      |
| 6) Bromomethane               | 1.516  | 94   | 20385    | 6.069  | ug/L   | 95       |
| 8) Chloroethane               | 1.581  | 64   | 19287    | 6.006  | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 1.748  | 101  | 41659    | 5.937  | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111  | 101  | 24588    | 6.070  | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.111  | 96   | 23289    | 5.884  | ug/L   | 91       |
| 13) Acetone                   | 2.175  | 43   | 27246m   | 13.421 | ug/L   |          |
| 14) Carbon disulfide          | 2.288  | 76   | 75278    | 5.995  | ug/L   | 98       |
| 15) Methyl Acetate            | 2.436  | 43   | 19525    | 5.382  | ug/L   | 99       |
| 16) Methylene chloride        | 2.503  | 84   | 31932    | 6.330  | ug/L   | 96       |
| 17) trans-1,2-Dichloroethene  | 2.757  | 96   | 25368    | 5.855  | ug/L   | 94       |
| 18) Methyl tert-butyl Ether   | 2.767  | 73   | 65069    | 5.467  | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 3.185  | 63   | 43393    | 5.735  | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 3.912  | 96   | 24813    | 5.538  | ug/L   | 92       |
| 22) 2-Butanone                | 3.999  | 43   | 24597m   | 8.874  | ug/L   |          |
| 23) Bromochloromethane        | 4.249  | 128  | 12942    | 5.362  | ug/L   | 95       |
| 25) Chloroform                | 4.378  | 83   | 47282    | 5.927  | ug/L   | 94       |
| 27) 1,2-Dichloroethane        | 5.134  | 62   | 31311    | 5.704  | ug/L   | 99       |
| 29) Cyclohexane               | 4.671  | 56   | 28802    | 5.075  | ug/L   | 96       |
| 30) 1,1,1-Trichloroethane     | 4.603  | 97   | 39983    | 5.898  | ug/L   | 99       |
| 31) Carbon tetrachloride      | 4.825  | 117  | 34324    | 5.816  | ug/L   | 100      |
| 33) Benzene                   | 5.098  | 78   | 94176    | 5.533  | ug/L   | 100      |
| 34) Trichloroethene           | 5.915  | 95   | 25836    | 5.898  | ug/L   | 98       |
| 35) Methylcyclohexane         | 6.130  | 83   | 31638    | 4.841  | ug/L   | 94       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 23620    | 5.545  | ug/L # | 95       |
| 38) Bromodichloromethane      | 6.513  | 83   | 31367    | 5.544  | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 7.034  | 75   | 28203    | 4.615  | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 7.233  | 43   | 54777    | 10.166 | ug/L   | 95       |
| 42) Toluene                   | 7.391  | 91   | 91676    | 5.224  | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 7.658  | 75   | 29036    | 4.887  | ug/L   | 98       |

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 Sample : VSTD00544  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD005244

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 07/29/2022  
 Supervised By :Mahesh Dadoda 08/01/2022

Quant Time: Jul 29 01:29:49 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072822WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jul 29 01:24:47 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 45) 1,1,2-Trichloroethane     | 7.841  | 97   | 26037    | 5.709 | ug/L   | 97       |
| 46) Tetrachloroethene         | 7.976  | 164  | 20517    | 5.988 | ug/L   | 96       |
| 48) 2-Hexanone                | 8.146  | 43   | 40115    | 9.447 | ug/L   | 96       |
| 49) Dibromochloromethane      | 8.246  | 129  | 25633    | 5.465 | ug/L   | 96       |
| 50) 1,2-Dibromoethane         | 8.355  | 107  | 27052    | 5.656 | ug/L # | 99       |
| 51) Chlorobenzene             | 8.883  | 112  | 68935    | 5.824 | ug/L   | 100      |
| 52) Ethylbenzene              | 9.014  | 91   | 89529    | 5.038 | ug/L   | 98       |
| 53) m,p-Xylene                | 9.140  | 106  | 33653    | 4.815 | ug/L   | 98       |
| 54) o-Xylene                  | 9.545  | 106  | 31742    | 4.716 | ug/L   | 97       |
| 55) Styrene                   | 9.564  | 104  | 53608    | 4.551 | ug/L   | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.243 | 83   | 42090    | 5.724 | ug/L   | 98       |
| 59) Bromoform                 | 9.731  | 173  | 16849    | 5.873 | ug/L   | 100      |
| 60) Isopropylbenzene          | 9.931  | 105  | 84561    | 5.365 | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 33475    | 6.320 | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.542 | 105  | 35023    | 5.192 | ug/L   | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 26422    | 4.908 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.182 | 146  | 43087    | 5.632 | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 11.275 | 146  | 47713    | 5.918 | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 11.645 | 146  | 46191    | 5.781 | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.429 | 75   | 7991     | 5.754 | ug/L   | 95       |
| 69) 1,3,5-Trichlorobenzene    | 12.644 | 180  | 28779    | 5.546 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 23868    | 5.374 | ug/L   | 99       |
| 71) Naphthalene               | 13.503 | 128  | 77921    | 5.042 | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.744 | 180  | 25628    | 5.320 | ug/L   | 99       |
| -----                         |        |      |          |       |        |          |

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

