

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW072822\  
 Data File : VW027046.D  
 Acq On : 28 Jul 2022 18:45  
 Operator : SY/MD  
 Sample : VSTD01043  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD010243

Quant Time: Jul 29 01:29:19 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  | 558371   | 50.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117  | 546015   | 50.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152  | 263681   | 50.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65   | 51500    | 9.695  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.561  | 69   | 41419    | 9.841  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.102  | 63   | 88525    | 9.789  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 3.902  | 46   | 50637m   | 15.921 | ug/L   | 0.02     |
| 24) Chloroform-d              | 4.343  | 84   | 91841    | 9.599  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.031  | 65   | 52686    | 9.701  | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.047  | 84   | 178521   | 9.311  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.069  | 67   | 55927    | 9.530  | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.317  | 98   | 158872   | 9.167  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79   | 23224    | 8.959  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 8.095  | 63   | 40978    | 16.243 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214 | 84   | 86563    | 9.783  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152  | 59843    | 10.096 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.124  | 85   | 59871    | 10.332 | ug/L   | 98       |
| 3) Chloromethane              | 1.237  | 50   | 55511    | 10.476 | ug/L   | 95       |
| 5) Vinyl chloride             | 1.304  | 62   | 57173    | 10.172 | ug/L   | 98       |
| 6) Bromomethane               | 1.516  | 94   | 35998    | 10.429 | ug/L   | 100      |
| 8) Chloroethane               | 1.577  | 64   | 34660    | 10.503 | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 1.745  | 101  | 72066    | 9.994  | ug/L   | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111  | 101  | 42454    | 10.199 | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 2.111  | 96   | 42261    | 10.391 | ug/L   | 99       |
| 13) Acetone                   | 2.172  | 43   | 50055m   | 23.994 | ug/L   |          |
| 14) Carbon disulfide          | 2.285  | 76   | 133418   | 10.340 | ug/L   | 100      |
| 15) Methyl Acetate            | 2.433  | 43   | 40196    | 10.781 | ug/L   | 94       |
| 16) Methylene chloride        | 2.500  | 84   | 55060    | 10.620 | ug/L   | 98       |
| 17) trans-1,2-Dichloroethene  | 2.754  | 96   | 45473    | 10.212 | ug/L   | 96       |
| 18) Methyl tert-butyl Ether   | 2.767  | 73   | 120648   | 9.864  | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.185  | 63   | 81293    | 10.455 | ug/L   | 98       |
| 20) cis-1,2-Dichloroethene    | 3.905  | 96   | 45291    | 9.836  | ug/L   | 99       |
| 22) 2-Butanone                | 3.989  | 43   | 42774    | 15.017 | ug/L   | 91       |
| 23) Bromochloromethane        | 4.243  | 128  | 25155    | 10.141 | ug/L   | 93       |
| 25) Chloroform                | 4.372  | 83   | 84196    | 10.270 | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 5.130  | 62   | 56809    | 10.070 | ug/L   | 98       |
| 29) Cyclohexane               | 4.671  | 56   | 53315    | 9.088  | ug/L   | 96       |
| 30) 1,1,1-Trichloroethane     | 4.603  | 97   | 71135    | 10.150 | ug/L   | 99       |
| 31) Carbon tetrachloride      | 4.825  | 117  | 62402    | 10.228 | ug/L   | 99       |
| 33) Benzene                   | 5.098  | 78   | 177189   | 10.070 | ug/L   | 100      |
| 34) Trichloroethene           | 5.915  | 95   | 47328    | 10.450 | ug/L   | 99       |
| 35) Methylcyclohexane         | 6.127  | 83   | 62956    | 9.318  | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 6.172  | 63   | 41540    | 9.433  | ug/L # | 94       |
| 38) Bromodichloromethane      | 6.510  | 83   | 60275    | 10.304 | ug/L   | 98       |
| 39) cis-1,3-Dichloropropene   | 7.031  | 75   | 61225    | 9.691  | ug/L   | 97       |
| 40) 4-Methyl-2-pentanone      | 7.230  | 43   | 104000   | 18.671 | ug/L   | 98       |
| 42) Toluene                   | 7.387  | 91   | 178771   | 9.854  | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 7.654  | 75   | 58311    | 9.494  | ug/L   | 99       |

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 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD010243

Manual Integrations  
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 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     | 7.838  | 97   | 49091    | 10.412 | ug/L  | 99       |
| 46) Tetrachloroethene         | 7.976  | 164  | 35911    | 10.138 | ug/L  | 97       |
| 48) 2-Hexanone                | 8.143  | 43   | 87080    | 19.838 | ug/L  | 93       |
| 49) Dibromochloromethane      | 8.246  | 129  | 49798    | 10.270 | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.352  | 107  | 51168    | 10.349 | ug/L  | 99       |
| 51) Chlorobenzene             | 8.883  | 112  | 123152   | 10.065 | ug/L  | 98       |
| 52) Ethylbenzene              | 9.011  | 91   | 173174   | 9.427  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.140  | 106  | 67972    | 9.407  | ug/L  | 93       |
| 54) o-Xylene                  | 9.542  | 106  | 64404    | 9.256  | ug/L  | 98       |
| 55) Styrene                   | 9.561  | 104  | 109557   | 8.996  | ug/L  | 97       |
| 57) 1,1,2,2-Tetrachloroethane | 10.239 | 83   | 79020    | 10.395 | ug/L  | 98       |
| 59) Bromoform                 | 9.731  | 173  | 31645    | 10.565 | ug/L  | 99       |
| 60) Isopropylbenzene          | 9.931  | 105  | 163266   | 9.922  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 10.275 | 75   | 61854    | 11.185 | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.538 | 105  | 67290    | 9.554  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 53448    | 9.510  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.182 | 146  | 84310    | 10.555 | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.272 | 146  | 91201    | 10.835 | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.645 | 146  | 89319    | 10.707 | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.426 | 75   | 15913    | 10.975 | ug/L  | 97       |
| 69) 1,3,5-Trichlorobenzene    | 12.645 | 180  | 56576    | 10.442 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.262 | 180  | 47067    | 10.150 | ug/L  | 99       |
| 71) Naphthalene               | 13.503 | 128  | 162799   | 10.090 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.744 | 180  | 51225    | 10.185 | ug/L  | 100      |

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

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