

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW042624\  
 Data File : VW035420.D  
 Acq On : 26 Apr 2024 11:11  
 Operator : SY/MD  
 Sample : VSTD20045  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD200245

Quant Time: Apr 27 00:04:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM042624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 27 00:01:52 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114  | 563395   | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117  | 572544   | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181 | 152  | 319625   | 50.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65   | 903519   | 199.552 | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.526  | 69   | 402327   | 155.089 | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65   | 368628   | 199.201 | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 3.783  | 46   | 993148   | 429.958 | ug/L  | 0.00     |
| 24) Chloroform-d              | 4.243  | 84   | 1504108  | 197.420 | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 4.934  | 65   | 895739   | 201.850 | ug/L  | 0.00     |
| 32) Benzene-d6                | 4.953  | 84   | 3035423  | 201.743 | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67   | 936473   | 201.730 | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.239  | 98   | 2840957  | 209.489 | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.545  | 79   | 487920   | 224.679 | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 8.024  | 63   | 693538   | 529.618 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84   | 1319596  | 199.441 | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152  | 1136302  | 203.200 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.105  | 85   | 782570   | 188.932 | ug/L  | 99       |
| 3) Chloromethane              | 1.214  | 50   | 778138   | 185.133 | ug/L  | 99       |
| 5) Vinyl chloride             | 1.282  | 62   | 871769   | 196.611 | ug/L  | 100      |
| 6) Bromomethane               | 1.484  | 94   | 492853   | 189.789 | ug/L  | 99       |
| 8) Chloroethane               | 1.542  | 64   | 299250   | 152.882 | ug/L  | 99       |
| 9) Trichlorofluoromethane     | 1.703  | 101  | 1131544  | 188.944 | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.063  | 101  | 714734   | 190.493 | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.063  | 96   | 640574   | 192.440 | ug/L  | 94       |
| 13) Acetone                   | 2.117  | 43   | 1052533  | 381.701 | ug/L  | 98       |
| 14) Carbon disulfide          | 2.233  | 76   | 1777574  | 192.249 | ug/L  | 100      |
| 15) Methyl Acetate            | 2.371  | 43   | 800693   | 191.468 | ug/L  | 98       |
| 16) Methylene chloride        | 2.442  | 84   | 796939   | 189.300 | ug/L  | 98       |
| 17) trans-1,2-Dichloroethene  | 2.687  | 96   | 710040   | 198.409 | ug/L  | 98       |
| 18) Methyl tert-butyl Ether   | 2.699  | 73   | 2555893  | 212.050 | ug/L  | 100      |
| 19) 1,1-Dichloroethane        | 3.105  | 63   | 1443167  | 194.813 | ug/L  | 99       |
| 20) cis-1,2-Dichloroethene    | 3.806  | 96   | 859389   | 213.460 | ug/L  | 99       |
| 22) 2-Butanone                | 3.863  | 43   | 1268895  | 414.959 | ug/L  | 94       |
| 23) Bromochloromethane        | 4.137  | 128  | 437336   | 195.207 | ug/L  | 97       |
| 25) Chloroform                | 4.269  | 83   | 1475507  | 192.694 | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 5.034  | 62   | 1111647  | 197.689 | ug/L  | 100      |
| 29) Cyclohexane               | 4.577  | 56   | 1154119  | 219.192 | ug/L  | 100      |
| 30) 1,1,1-Trichloroethane     | 4.506  | 97   | 1253806  | 192.492 | ug/L  | 98       |
| 31) Carbon tetrachloride      | 4.728  | 117  | 1093979  | 192.238 | ug/L  | 100      |
| 33) Benzene                   | 5.005  | 78   | 3032999  | 197.969 | ug/L  | 100      |
| 34) Trichloroethene           | 5.828  | 95   | 826883   | 199.004 | ug/L  | 99       |
| 35) Methylcyclohexane         | 6.047  | 83   | 1291145  | 214.765 | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 6.088  | 63   | 852137   | 199.230 | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.426  | 83   | 1132017  | 196.001 | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 6.947  | 75   | 1458471  | 230.388 | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 7.156  | 43   | 2199466  | 430.616 | ug/L  | 98       |
| 42) Toluene                   | 7.310  | 91   | 3266925  | 203.491 | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 7.574  | 75   | 1349234  | 222.026 | ug/L  | 99       |

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV042624\  
 Data File : VV035420.D  
 Acq On : 26 Apr 2024 11:11  
 Operator : SY/MD  
 Sample : VSTD20045  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD200245

Quant Time: Apr 27 00:04:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM042624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Apr 27 00:01:52 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 7.764  | 97   | 862236   | 193.045 | ug/L  | 99       |
| 46) Tetrachloroethene         | 7.902  | 164  | 648638   | 198.991 | ug/L  | 100      |
| 48) 2-Hexanone                | 8.075  | 43   | 1801661  | 418.483 | ug/L  | 97       |
| 49) Dibromochloromethane      | 8.172  | 129  | 927620   | 203.159 | ug/L  | 98       |
| 50) 1,2-Dibromoethane         | 8.278  | 107  | 909176   | 200.082 | ug/L  | 99       |
| 51) Chlorobenzene             | 8.809  | 112  | 2228975  | 196.892 | ug/L  | 99       |
| 52) Ethylbenzene              | 8.940  | 91   | 3766344  | 214.694 | ug/L  | 98       |
| 53) m,p-Xylene                | 9.069  | 106  | 1446671  | 217.897 | ug/L  | 99       |
| 54) o-Xylene                  | 9.474  | 106  | 1447724  | 223.000 | ug/L  | 97       |
| 55) Styrene                   | 9.490  | 104  | 2535203  | 226.438 | ug/L  | 98       |
| 57) 1,1,2,2-Tetrachloroethane | 10.175 | 83   | 1408911  | 194.051 | ug/L  | 100      |
| 59) Bromoform                 | 9.661  | 173  | 772105   | 203.474 | ug/L  | 100      |
| 60) Isopropylbenzene          | 9.863  | 105  | 3904214  | 212.914 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.207 | 75   | 1100796  | 183.998 | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.474 | 105  | 3325158  | 225.092 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.847 | 105  | 3371522  | 233.111 | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.114 | 146  | 1918091  | 201.921 | ug/L  | 98       |
| 65) 1,4-Dichlorobenzene       | 11.204 | 146  | 1925894  | 193.291 | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 11.577 | 146  | 1883348  | 195.684 | ug/L  | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.361 | 75   | 296216   | 218.851 | ug/L  | 95       |
| 69) 1,3,5-Trichlorobenzene    | 12.580 | 180  | 1457382  | 216.534 | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.194 | 180  | 1289588  | 241.361 | ug/L  | 99       |
| 71) Naphthalene               | 13.432 | 128  | 3155696  | 272.711 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.677 | 180  | 1241120  | 238.392 | ug/L  | 100      |

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

