

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082624\  
 Data File : VV037018.D  
 Acq On : 26 Aug 2024 11:21  
 Operator : SY/MD  
 Sample : VSTD01070  
 Misc : 5.00mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD010270

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/27/2024  
 Supervised By :Mahesh Dadoda 08/28/2024

Quant Time: Aug 27 01:05:28 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 27 01:02:05 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114  | 684263   | 50.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.780  | 117  | 649723   | 50.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181 | 152  | 321620   | 50.000 | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 1.278  | 65   | 64803    | 10.353 | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.532  | 69   | 50385    | 10.415 | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.056  | 65   | 27761    | 10.552 | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 3.809  | 46   | 49634m   | 21.578 | ug/L  | 0.02     |
| 24) Chloroform-d              | 4.246  | 84   | 96794    | 9.881  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 4.941  | 65   | 62700    | 10.163 | ug/L  | 0.00     |
| 32) Benzene-d6                | 4.957  | 84   | 204462   | 10.419 | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 5.989  | 67   | 63018    | 10.253 | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.243  | 98   | 182382   | 10.298 | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79   | 26636    | 9.367  | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 8.034  | 63   | 32461m   | 20.032 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84   | 77072    | 10.339 | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152  | 68314    | 10.605 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.108  | 85   | 50605    | 8.752  | ug/L  | 99       |
| 3) Chloromethane              | 1.217  | 50   | 55639    | 8.556  | ug/L  | 97       |
| 5) Vinyl chloride             | 1.281  | 62   | 51479    | 8.433  | ug/L  | 98       |
| 6) Bromomethane               | 1.487  | 94   | 30950    | 9.048  | ug/L  | 97       |
| 8) Chloroethane               | 1.548  | 64   | 31688    | 8.486  | ug/L  | 98       |
| 9) Trichlorofluoromethane     | 1.712  | 101  | 69430    | 8.715  | ug/L  | 99       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.069  | 101  | 41869    | 8.836  | ug/L  | 99       |
| 12) 1,1-Dichloroethene        | 2.069  | 96   | 38923    | 8.719  | ug/L  | 87       |
| 13) Acetone                   | 2.114  | 43   | 47689m   | 18.800 | ug/L  |          |
| 14) Carbon disulfide          | 2.240  | 76   | 123587   | 9.119  | ug/L  | 98       |
| 15) Methyl Acetate            | 2.375  | 43   | 37476    | 8.599  | ug/L  | 95       |
| 16) Methylene chloride        | 2.445  | 84   | 44212    | 8.778  | ug/L  | 96       |
| 17) trans-1,2-Dichloroethene  | 2.690  | 96   | 40885    | 8.822  | ug/L  | 98       |
| 18) Methyl tert-butyl Ether   | 2.706  | 73   | 124381   | 8.532  | ug/L  | 98       |
| 19) 1,1-Dichloroethane        | 3.108  | 63   | 78302    | 8.508  | ug/L  | 99       |
| 20) cis-1,2-Dichloroethene    | 3.812  | 96   | 44330    | 8.657  | ug/L  | 98       |
| 22) 2-Butanone                | 3.896  | 43   | 48946m   | 17.757 | ug/L  |          |
| 23) Bromochloromethane        | 4.150  | 128  | 21813    | 8.677  | ug/L  | 92       |
| 25) Chloroform                | 4.275  | 83   | 81700    | 8.765  | ug/L  | 99       |
| 27) 1,2-Dichloroethane        | 5.043  | 62   | 57675    | 8.481  | ug/L  | 96       |
| 29) Cyclohexane               | 4.574  | 56   | 65651    | 8.594  | ug/L  | 97       |
| 30) 1,1,1-Trichloroethane     | 4.510  | 97   | 64846    | 8.674  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 4.728  | 117  | 52479    | 8.319  | ug/L  | 98       |
| 33) Benzene                   | 5.008  | 78   | 163808   | 8.736  | ug/L  | 100      |
| 34) Trichloroethene           | 5.834  | 95   | 43791    | 8.848  | ug/L  | 99       |
| 35) Methylcyclohexane         | 6.043  | 83   | 69213    | 8.683  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 6.095  | 63   | 42147    | 8.375  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.432  | 83   | 53629    | 8.324  | ug/L  | 98       |
| 39) cis-1,3-Dichloropropene   | 6.956  | 75   | 64930m   | 8.294  | ug/L  |          |
| 40) 4-Methyl-2-pentanone      | 7.165  | 43   | 88645m   | 17.852 | ug/L  |          |
| 42) Toluene                   | 7.313  | 91   | 164235   | 8.413  | ug/L  | 97       |
| 44) trans-1,3-Dichloropropene | 7.587  | 75   | 56747m   | 8.110  | ug/L  |          |

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| -----                         |        |      |          |        |       |          |
| 45) 1,1,2-Trichloroethane     | 7.770  | 97   | 40906    | 8.742  | ug/L  | 99       |
| 46) Tetrachloroethene         | 7.902  | 164  | 30916    | 8.706  | ug/L  | 95       |
| 48) 2-Hexanone                | 8.085  | 43   | 72319m   | 18.855 | ug/L  |          |
| 49) Dibromochloromethane      | 8.175  | 129  | 37533    | 8.010  | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 8.284  | 107  | 38773    | 8.188  | ug/L  | 91       |
| 51) Chlorobenzene             | 8.812  | 112  | 113725   | 8.799  | ug/L  | 99       |
| 52) Ethylbenzene              | 8.944  | 91   | 186846   | 8.473  | ug/L  | 98       |
| 53) m,p-Xylene                | 9.072  | 106  | 68219    | 8.350  | ug/L  | 98       |
| 54) o-Xylene                  | 9.474  | 106  | 66358    | 8.295  | ug/L  | 98       |
| 55) Styrene                   | 9.497  | 104  | 112158   | 8.131  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 10.175 | 83   | 60559    | 8.738  | ug/L  | 98       |
| 59) Bromoform                 | 9.661  | 173  | 23492    | 7.836  | ug/L  | 98       |
| 60) Isopropylbenzene          | 9.863  | 105  | 177051   | 8.492  | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 10.207 | 75   | 44764    | 8.947  | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene    | 10.474 | 105  | 139443   | 8.174  | ug/L  | 99       |
| 63) 1,2,4-Trimethylbenzene    | 10.847 | 105  | 141840   | 8.332  | ug/L  | 99       |
| 64) 1,3-Dichlorobenzene       | 11.114 | 146  | 85348    | 8.865  | ug/L  | 97       |
| 65) 1,4-Dichlorobenzene       | 11.204 | 146  | 89004    | 9.032  | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 11.577 | 146  | 83521    | 8.823  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 12.361 | 75   | 10443    | 8.370  | ug/L  | 84       |
| 69) 1,3,5-Trichlorobenzene    | 12.580 | 180  | 59757    | 8.920  | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 13.194 | 180  | 55828    | 8.850  | ug/L  | 96       |
| 71) Naphthalene               | 13.435 | 128  | 178386   | 9.793  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 13.676 | 180  | 56560    | 9.098  | ug/L  | 96       |
| -----                         |        |      |          |        |       |          |

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

