

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX110424\  
 Data File : VX043676.D  
 Acq On : 04 Nov 2024 11:55  
 Operator : JC/MD  
 Sample : VSTD05032  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 VSTD050632

Quant Time: Nov 05 03:11:51 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM110424WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Nov 05 03:09:41 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 6.757  | 114  | 336517   | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 10.055 | 117  | 285501   | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.018 | 152  | 135430   | 50.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 1.368  | 65   | 90501    | 50.482  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.642  | 69   | 38209    | 49.584  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.294  | 65   | 41402    | 50.027  | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 4.459  | 46   | 119424   | 102.321 | ug/L  | 0.00     |
| 24) Chloroform-d              | 5.056  | 84   | 193829   | 50.153  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.952  | 65   | 119161   | 48.535  | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.964  | 84   | 380178   | 51.505  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 7.306  | 67   | 113684   | 50.623  | ug/L  | 0.00     |
| 41) Toluene-d8                | 8.647  | 98   | 341787   | 50.973  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 8.952  | 79   | 55431    | 52.321  | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 9.385  | 63   | 92721    | 104.329 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189 | 84   | 144184   | 50.041  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 12.317 | 152  | 115760   | 49.333  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.167  | 85   | 124897   | 52.698  | ug/L  | 100      |
| 3) Chloromethane              | 1.295  | 50   | 116037   | 50.378  | ug/L  | 100      |
| 5) Vinyl chloride             | 1.374  | 62   | 115097   | 51.014  | ug/L  | 100      |
| 6) Bromomethane               | 1.593  | 94   | 45264    | 51.772  | ug/L  | 100      |
| 8) Chloroethane               | 1.660  | 64   | 41834    | 60.519  | ug/L  | 100      |
| 9) Trichlorofluoromethane     | 1.868  | 101  | 155050   | 54.154  | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.319  | 101  | 102992   | 52.376  | ug/L  | 100      |
| 12) 1,1-Dichloroethene        | 2.307  | 96   | 92217    | 51.371  | ug/L  | 100      |
| 13) Acetone                   | 2.386  | 43   | 110707   | 101.406 | ug/L  | 100      |
| 14) Carbon disulfide          | 2.502  | 76   | 199175   | 50.191  | ug/L  | 100      |
| 15) Methyl Acetate            | 2.703  | 43   | 117672   | 50.973  | ug/L  | 100      |
| 16) Methylene chloride        | 2.782  | 84   | 107984   | 49.791  | ug/L  | 100      |
| 17) trans-1,2-Dichloroethene  | 3.081  | 96   | 100002   | 51.782  | ug/L  | 100      |
| 18) Methyl tert-butyl Ether   | 3.111  | 73   | 379811   | 51.735  | ug/L  | 100      |
| 19) 1,1-Dichloroethane        | 3.599  | 63   | 197518   | 51.939  | ug/L  | 100      |
| 20) cis-1,2-Dichloroethene    | 4.477  | 96   | 122581   | 51.103  | ug/L  | 100      |
| 22) 2-Butanone                | 4.562  | 43   | 158959   | 102.207 | ug/L  | 100      |
| 23) Bromochloromethane        | 4.891  | 128  | 61720    | 51.188  | ug/L  | 100      |
| 25) Chloroform                | 5.087  | 83   | 208503   | 51.093  | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 6.080  | 62   | 164703   | 52.220  | ug/L  | 100      |
| 29) Cyclohexane               | 5.458  | 56   | 177381   | 53.544  | ug/L  | 100      |
| 30) 1,1,1-Trichloroethane     | 5.379  | 97   | 181637   | 52.518  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 5.666  | 117  | 151109   | 53.257  | ug/L  | 100      |
| 33) Benzene                   | 6.032  | 78   | 429634   | 52.795  | ug/L  | 100      |
| 34) Trichloroethene           | 7.123  | 95   | 114514   | 52.342  | ug/L  | 100      |
| 35) Methylcyclohexane         | 7.373  | 83   | 178670   | 54.662  | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 7.428  | 63   | 114019   | 52.599  | ug/L  | 100      |
| 38) Bromodichloromethane      | 7.818  | 83   | 145452   | 52.755  | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 8.366  | 75   | 185164   | 53.167  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 8.574  | 43   | 312397   | 105.881 | ug/L  | 100      |
| 42) Toluene                   | 8.714  | 91   | 448088   | 52.351  | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 8.976  | 75   | 170613   | 53.300  | ug/L  | 100      |

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|-------------------------------|--------|------|----------|---------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 9.147  | 97   | 115660   | 52.032  | ug/L  | 100      |
| 46) Tetrachloroethene         | 9.269  | 164  | 82876    | 52.627  | ug/L  | 100      |
| 48) 2-Hexanone                | 9.433  | 43   | 237094   | 107.504 | ug/L  | 100      |
| 49) Dibromochloromethane      | 9.519  | 129  | 108381   | 52.311  | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 9.604  | 107  | 120422   | 52.468  | ug/L  | 100      |
| 51) Chlorobenzene             | 10.080 | 112  | 291267   | 52.068  | ug/L  | 100      |
| 52) Ethylbenzene              | 10.189 | 91   | 489943   | 52.661  | ug/L  | 100      |
| 53) m,p-Xylene                | 10.299 | 106  | 189005   | 52.626  | ug/L  | 100      |
| 54) o-Xylene                  | 10.640 | 106  | 189095   | 52.812  | ug/L  | 100      |
| 55) Styrene                   | 10.653 | 104  | 319254   | 53.601  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 11.214 | 83   | 172711   | 51.878  | ug/L  | 100      |
| 59) Bromoform                 | 10.799 | 173  | 74305    | 52.454  | ug/L  | 100      |
| 60) Isopropylbenzene          | 10.957 | 105  | 494209   | 52.628  | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 11.238 | 75   | 133276   | 50.699  | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 11.451 | 105  | 410711   | 52.034  | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 11.750 | 105  | 414795   | 52.780  | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 11.969 | 146  | 213813   | 51.763  | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 12.037 | 146  | 214172   | 51.479  | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 12.335 | 146  | 219659   | 52.038  | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 12.939 | 75   | 33630    | 51.091  | ug/L  | 100      |
| 69) 1,3,5-Trichlorobenzene    | 13.110 | 180  | 141395   | 51.324  | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 13.585 | 180  | 130035   | 51.478  | ug/L  | 100      |
| 71) Naphthalene               | 13.774 | 128  | 494566   | 52.723  | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.957 | 180  | 133917   | 51.297  | ug/L  | 100      |

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

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