

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031321\  
 Data File : VW020565.D  
 Acq On : 12 Mar 2021 14:49  
 Operator : SY/MD  
 Sample : VSTD05065  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD05065

Manual Integrations  
 APPROVED

MMDadoda  
 3/15/2021 10:05:57 AM

Quant Time: Mar 12 15:31:12 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SOMVLM031321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 12 15:29:36 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 5.619  | 114  | 468019   | 50.00  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.857  | 117  | 461355   | 50.00  | ug/L  | 0.00     |
| 60) 1,4-Dichlorobenzene-d4    | 11.255 | 152  | 235046   | 50.00  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 1.307  | 65   | 188858   | 53.88  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 1.571  | 69   | 152944   | 55.89  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.111  | 63   | 359059   | 59.27  | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 3.899  | 46   | 263027   | 138.36 | ug/L  | 0.00     |
| 24) Chloroform-d              | 4.352  | 84   | 335620   | 55.32  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.037  | 65   | 223840   | 58.97  | ug/L  | 0.00     |
| 32) Benzene-d6                | 5.053  | 84   | 658694   | 55.49  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.072  | 67   | 210986   | 57.84  | ug/L  | 0.00     |
| 41) Toluene-d8                | 7.320  | 98   | 589529   | 52.40  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.625  | 79   | 101931   | 58.89  | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 8.091  | 63   | 168509   | 128.04 | ug/L  | 0.00     |
| 57) 1,1,2,2-Tetrachloroeth... | 10.220 | 84   | 263472   | 55.55  | ug/L  | 0.00     |
| 64) 1,2-Dichlorobenzene-d4    | 11.631 | 152  | 223090   | 48.85  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.130  | 85   | 193755   | 46.10  | ug/L  | 100      |
| 3) Chloromethane              | 1.243  | 50   | 231862   | 59.40  | ug/L  | 99       |
| 5) Vinyl chloride             | 1.314  | 62   | 224651   | 55.57  | ug/L  | 100      |
| 6) Bromomethane               | 1.526  | 94   | 132779   | 49.32  | ug/L  | 96       |
| 8) Chloroethane               | 1.587  | 64   | 139664   | 60.22  | ug/L  | 100      |
| 9) Trichlorofluoromethane     | 1.754  | 101  | 297962   | 51.75  | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.121  | 101  | 164386   | 52.91  | ug/L  | 98       |
| 12) 1,1-Dichloroethene        | 2.121  | 96   | 158468   | 51.81  | ug/L  | 86       |
| 13) Acetone                   | 2.191  | 43   | 198269   | 144.50 | ug/L  | 95       |
| 14) Carbon disulfide          | 2.297  | 76   | 476554   | 54.89  | ug/L  | 99       |
| 15) Methyl Acetate            | 2.439  | 43   | 210054   | 70.37  | ug/L  | 95       |
| 16) Methylene chloride        | 2.510  | 84   | 184942   | 55.17  | ug/L  | 95       |
| 17) trans-1,2-Dichloroethene  | 2.764  | 96   | 172358   | 53.89  | ug/L  | 96       |
| 18) Methyl tert-butyl Ether   | 2.770  | 73   | 526858   | 59.16  | ug/L  | 99       |
| 19) 1,1-Dichloroethane        | 3.195  | 63   | 329444   | 59.69  | ug/L  | 99       |
| 20) cis-1,2-Dichloroethene    | 3.915  | 96   | 184520m  | 54.79  | ug/L  |          |
| 22) 2-Butanone                | 3.979  | 43   | 292390   | 145.55 | ug/L  | 95       |
| 23) Bromochloromethane        | 4.252  | 128  | 90244    | 48.24  | ug/L  | 98       |
| 25) Chloroform                | 4.378  | 83   | 341011   | 56.33  | ug/L  | 96       |
| 27) 1,2-Dichloroethane        | 5.133  | 62   | 269869   | 59.85  | ug/L  | 99       |
| 29) Cyclohexane               | 4.680  | 56   | 294610   | 66.06  | ug/L  | 98       |
| 30) 1,1,1-Trichloroethane     | 4.612  | 97   | 283559   | 54.98  | ug/L  | 100      |
| 31) Carbon tetrachloride      | 4.831  | 117  | 233331   | 51.68  | ug/L  | 100      |
| 33) Benzene                   | 5.101  | 78   | 725013   | 57.83  | ug/L  | 100      |
| 34) Trichloroethene           | 5.918  | 95   | 202533   | 54.53  | ug/L  | 99       |
| 35) Methylcyclohexane         | 6.137  | 83   | 280976   | 57.87  | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 6.178  | 63   | 186573   | 59.15  | ug/L  | 100      |
| 38) Bromodichloromethane      | 6.513  | 83   | 241514   | 57.03  | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 7.030  | 75   | 279717   | 58.78  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 7.230  | 43   | 590685   | 150.62 | ug/L  | 96       |
| 42) Toluene                   | 7.391  | 91   | 765461   | 56.18  | ug/L  | 99       |
| 44) trans-1,3-Dichloropropene | 7.654  | 75   | 279273   | 59.99  | ug/L  | 99       |

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| -----                         |        |      |          |        |       |          |
| 45) 1,1,2-Trichloroethane     | 7.844  | 97   | 178821   | 54.15  | ug/L  | 98       |
| 46) Tetrachloroethene         | 7.979  | 164  | 129496   | 43.89  | ug/L  | 99       |
| 48) 2-Hexanone                | 8.143  | 43   | 454254   | 148.91 | ug/L  | 96       |
| 49) Dibromochloromethane      | 8.249  | 129  | 181736   | 51.15  | ug/L  | 95       |
| 50) 1,2-Dibromoethane         | 8.355  | 107  | 182043   | 51.73  | ug/L  | 100      |
| 51) Chlorobenzene             | 8.886  | 112  | 470989   | 49.97  | ug/L  | 98       |
| 52) Ethylbenzene              | 9.017  | 91   | 865319   | 57.26  | ug/L  | 99       |
| 53) m,p-Xylene                | 9.143  | 106  | 310385   | 53.72  | ug/L  | 99       |
| 54) o-xylene                  | 9.548  | 106  | 302255   | 54.33  | ug/L  | 97       |
| 55) Styrene                   | 9.564  | 104  | 540910   | 56.17  | ug/L  | 97       |
| 56) Isopropylbenzene          | 9.937  | 105  | 829677   | 55.88  | ug/L  | 99       |
| 58) 1,1,2,2-Tetrachloroethane | 10.246 | 83   | 259024   | 56.91  | ug/L  | 97       |
| 59) 1,2,3-Trichloropropane    | 10.278 | 75   | 236579   | 56.58  | ug/L  | 99       |
| 61) Bromoform                 | 9.734  | 173  | 118636   | 50.30  | ug/L  | 99       |
| 62) 1,3-Dichlorobenzene       | 11.188 | 146  | 376402   | 52.53  | ug/L  | 98       |
| 63) 1,4-Dichlorobenzene       | 11.278 | 146  | 382128   | 51.15  | ug/L  | 98       |
| 65) 1,2-Dichlorobenzene       | 11.648 | 146  | 366916   | 50.91  | ug/L  | 98       |
| 66) 1,2-Dibromo-3-chloropr... | 12.435 | 75   | 56633    | 62.23  | ug/L  | 91       |
| 67) 1,3,5-Trichlorobenzene    | 12.651 | 180  | 263568   | 48.17  | ug/L  | 99       |
| 68) 1,2,4-trichlorobenzene    | 13.268 | 180  | 233700   | 49.51  | ug/L  | 98       |
| 69) Naphthalene               | 13.509 | 128  | 779554   | 59.91  | ug/L  | 100      |
| 70) 1,2,3-Trichlorobenzene    | 13.750 | 180  | 233846   | 49.11  | ug/L  | 99       |
| -----                         |        |      |          |        |       |          |

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

