

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW110424\  
 Data File : VW030901.D  
 Acq On : 04 Nov 2024 11:03  
 Operator : SY/MD  
 Sample : VSTD02517  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD025417

Quant Time: Nov 05 00:10:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM110424SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Nov 05 00:08:46 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114  | 437136   | 25.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117  | 393107   | 25.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152  | 198448   | 25.000 | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 2.369  | 65   | 182170   | 25.409 | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 2.899  | 69   | 145932   | 26.540 | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65   | 78838    | 26.650 | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 7.081  | 46   | 65424    | 55.984 | ug/L  | 0.00     |
| 24) Chloroform-d              | 7.648  | 84   | 357135   | 27.713 | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65   | 178506   | 27.860 | ug/L  | 0.00     |
| 32) Benzene-d6                | 8.276  | 84   | 673793   | 27.590 | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67   | 200159   | 27.802 | ug/L  | 0.00     |
| 41) Toluene-d8                | 10.325 | 98   | 633906   | 28.938 | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79   | 81957    | 28.085 | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 10.922 | 63   | 55618    | 59.609 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84   | 141265   | 28.164 | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152  | 192437   | 26.621 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.015  | 85   | 122017   | 28.115 | ug/L  | 100      |
| 3) Chloromethane              | 2.222  | 50   | 160843   | 25.636 | ug/L  | 100      |
| 5) Vinyl chloride             | 2.375  | 62   | 195767   | 26.328 | ug/L  | 100      |
| 6) Bromomethane               | 2.789  | 94   | 126658   | 25.942 | ug/L  | 100      |
| 8) Chloroethane               | 2.936  | 64   | 119183   | 26.440 | ug/L  | 100      |
| 9) Trichlorofluoromethane     | 3.271  | 101  | 180961   | 27.010 | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.076  | 101  | 160305   | 26.804 | ug/L  | 100      |
| 12) 1,1-Dichloroethene        | 4.045  | 96   | 149835   | 26.518 | ug/L  | 100      |
| 13) Acetone                   | 4.131  | 43   | 76309    | 55.026 | ug/L  | 100      |
| 14) Carbon disulfide          | 4.387  | 76   | 496966   | 26.756 | ug/L  | 100      |
| 15) Methyl Acetate            | 4.673  | 43   | 57856    | 27.373 | ug/L  | 100      |
| 16) Methylene chloride        | 4.923  | 84   | 156161   | 25.269 | ug/L  | 100      |
| 17) trans-1,2-Dichloroethene  | 5.429  | 96   | 166629   | 26.882 | ug/L  | 100      |
| 18) Methyl tert-butyl Ether   | 5.429  | 73   | 228214   | 27.277 | ug/L  | 100      |
| 19) 1,1-Dichloroethane        | 6.216  | 63   | 300544   | 25.983 | ug/L  | 100      |
| 20) cis-1,2-Dichloroethene    | 7.173  | 96   | 177102   | 26.932 | ug/L  | 100      |
| 22) 2-Butanone                | 7.173  | 43   | 89437    | 55.873 | ug/L  | 100      |
| 23) Bromochloromethane        | 7.514  | 128  | 76985    | 26.733 | ug/L  | 100      |
| 25) Chloroform                | 7.679  | 83   | 317436   | 26.082 | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 199322   | 26.297 | ug/L  | 100      |
| 29) Cyclohexane               | 7.959  | 56   | 268896   | 28.544 | ug/L  | 100      |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97   | 264787   | 26.222 | ug/L  | 100      |
| 31) Carbon tetrachloride      | 8.069  | 117  | 241682   | 26.635 | ug/L  | 100      |
| 33) Benzene                   | 8.325  | 78   | 694630   | 27.415 | ug/L  | 100      |
| 34) Trichloroethene           | 9.093  | 95   | 180342   | 25.811 | ug/L  | 100      |
| 35) Methylcyclohexane         | 9.337  | 83   | 305295   | 27.569 | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 9.367  | 63   | 168630   | 26.630 | ug/L  | 100      |
| 38) Bromodichloromethane      | 9.642  | 83   | 223627   | 26.891 | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 10.075 | 75   | 262883   | 27.751 | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 163178   | 56.793 | ug/L  | 100      |
| 42) Toluene                   | 10.386 | 91   | 744913   | 27.763 | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 213127   | 27.082 | ug/L  | 100      |

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|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 10.788 | 97   | 120459   | 26.502 | ug/L  | 100      |
| 46) Tetrachloroethene         | 10.861 | 164  | 140285   | 26.264 | ug/L  | 100      |
| 48) 2-Hexanone                | 10.965 | 43   | 132137   | 59.975 | ug/L  | 100      |
| 49) Dibromochloromethane      | 11.129 | 129  | 135112   | 27.264 | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 113692   | 27.124 | ug/L  | 100      |
| 51) Chlorobenzene             | 11.654 | 112  | 465366   | 27.100 | ug/L  | 100      |
| 52) Ethylbenzene              | 11.727 | 91   | 842843   | 27.801 | ug/L  | 100      |
| 53) m,p-Xylene                | 11.837 | 106  | 317085   | 27.809 | ug/L  | 100      |
| 54) o-Xylene                  | 12.160 | 106  | 297682   | 28.373 | ug/L  | 100      |
| 55) Styrene                   | 12.178 | 104  | 511237   | 28.519 | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 12.708 | 83   | 134137   | 27.042 | ug/L  | 100      |
| 59) Bromoform                 | 12.349 | 173  | 72661    | 25.642 | ug/L  | 100      |
| 60) Isopropylbenzene          | 12.458 | 105  | 818298   | 27.032 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 95969    | 25.794 | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 663895   | 27.855 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 654315   | 28.190 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 352001   | 26.483 | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 348198   | 25.517 | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 303263   | 25.600 | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75   | 20403    | 25.902 | ug/L  | 100      |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 231633   | 26.262 | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 15.129 | 180  | 184809   | 26.388 | ug/L  | 100      |
| 71) Naphthalene               | 15.360 | 128  | 318381   | 28.042 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 160660   | 26.618 | ug/L  | 100      |

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

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