

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW033121\  
 Data File : VW018504.D  
 Acq On : 31 Mar 2021 10:41  
 Operator : SY/VA  
 Sample : VSTD00501  
 Misc : 5.00G/10ML/MSVOA\_W/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD005101

Quant Time: Mar 31 12:02:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM033121SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Mar 31 12:01:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114  | 458934   | 25.00 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117  | 423684   | 25.00 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152  | 212255   | 25.00 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65   | 34941    | 6.32  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.885  | 69   | 28714    | 6.62  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63   | 57182    | 5.47  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 7.080  | 46   | 13693    | 11.71 | ug/L   | 0.00     |
| 24) Chloroform-d              | 7.653  | 84   | 57504    | 5.10  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65   | 35584    | 6.06  | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.275  | 84   | 109470   | 4.95  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67   | 31695    | 5.11  | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.323 | 98   | 103277   | 4.86  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.573 | 79   | 14366    | 5.04  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.927 | 63   | 10569    | 10.28 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84   | 27279    | 5.22  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152  | 35097    | 4.66  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.014  | 85   | 25669    | 4.61  | ug/L   | 93       |
| 3) Chloromethane              | 2.215  | 50   | 29839    | 6.37  | ug/L   | 95       |
| 5) Vinyl chloride             | 2.367  | 62   | 49355    | 7.20  | ug/L   | 94       |
| 6) Bromomethane               | 2.782  | 94   | 35250    | 7.41  | ug/L   | 92       |
| 8) Chloroethane               | 2.928  | 64   | 28239    | 7.24  | ug/L   | 96       |
| 9) Trichlorofluoromethane     | 3.263  | 101  | 20682    | 4.79  | ug/L   | 98       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.068  | 101  | 31377    | 5.24  | ug/L # | 89       |
| 12) 1,1-Dichloroethene        | 4.044  | 96   | 30146    | 5.15  | ug/L   | 96       |
| 13) Acetone                   | 4.123  | 43   | 10808    | 13.32 | ug/L   | 88       |
| 14) Carbon disulfide          | 4.391  | 76   | 89114    | 4.95  | ug/L   | 96       |
| 15) Methyl Acetate            | 4.678  | 43   | 12845    | 6.09  | ug/L # | 84       |
| 16) Methylene chloride        | 4.915  | 84   | 35161    | 5.47  | ug/L   | 92       |
| 17) trans-1,2-Dichloroethene  | 5.428  | 96   | 32498    | 5.19  | ug/L   | 98       |
| 18) Methyl tert-butyl Ether   | 5.428  | 73   | 42428    | 6.48  | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 6.220  | 63   | 55278    | 5.52  | ug/L   | 94       |
| 20) cis-1,2-Dichloroethene    | 7.177  | 96   | 34544    | 5.29  | ug/L   | 98       |
| 22) 2-Butanone                | 7.171  | 43   | 15285    | 11.67 | ug/L   | 99       |
| 23) Bromochloromethane        | 7.519  | 128  | 15864    | 5.16  | ug/L   | 81       |
| 25) Chloroform                | 7.671  | 83   | 62002    | 5.69  | ug/L   | 95       |
| 27) 1,2-Dichloroethane        | 8.397  | 62   | 43548    | 6.35  | ug/L   | 99       |
| 29) Cyclohexane               | 7.958  | 56   | 50107    | 5.67  | ug/L   | 99       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 47584    | 5.37  | ug/L   | 99       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 44007    | 5.15  | ug/L   | 100      |
| 33) Benzene                   | 8.323  | 78   | 126852   | 5.39  | ug/L   | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 35663    | 5.42  | ug/L   | 90       |
| 35) Methylcyclohexane         | 9.335  | 83   | 58474    | 5.37  | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 9.372  | 63   | 30072    | 5.46  | ug/L # | 95       |
| 38) Bromodichloromethane      | 9.646  | 83   | 42030    | 5.44  | ug/L   | 99       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 46312    | 5.21  | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 10.213 | 43   | 35917    | 12.12 | ug/L   | 95       |
| 42) Toluene                   | 10.390 | 91   | 139699   | 5.36  | ug/L   | 97       |
| 44) trans-1,3-Dichloropropene | 10.603 | 75   | 42194    | 5.44  | ug/L   | 99       |

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD005101

Quant Time: Mar 31 12:02:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM033121SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Mar 31 12:01:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 24723    | 5.48  | ug/L   | 97       |
| 46) Tetrachloroethene         | 10.860 | 164  | 26079    | 4.60  | ug/L   | 93       |
| 48) 2-Hexanone                | 10.969 | 43   | 25727    | 12.64 | ug/L   | 96       |
| 49) Dibromochloromethane      | 11.128 | 129  | 27508    | 4.97  | ug/L   | 97       |
| 50) 1,2-Dibromoethane         | 11.238 | 107  | 24791    | 5.60  | ug/L   | 88       |
| 51) Chlorobenzene             | 11.658 | 112  | 90076    | 5.21  | ug/L   | 95       |
| 52) Ethylbenzene              | 11.731 | 91   | 158215   | 5.36  | ug/L   | 98       |
| 53) m,p-Xylene                | 11.835 | 106  | 57068    | 5.03  | ug/L   | 92       |
| 54) o-Xylene                  | 12.164 | 106  | 55115    | 5.10  | ug/L   | 85       |
| 55) Styrene                   | 12.176 | 104  | 89719    | 4.89  | ug/L   | 86       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 30249    | 5.78  | ug/L # | 97       |
| 59) Bromoform                 | 12.347 | 173  | 14313    | 4.65  | ug/L   | 96       |
| 60) Isopropylbenzene          | 12.463 | 105  | 153050   | 5.43  | ug/L   | 99       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 22351    | 6.02  | ug/L   | 99       |
| 62) 1,3,5-Trimethylbenzene    | 12.945 | 105  | 127633   | 5.38  | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 125137   | 5.28  | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 66914    | 4.98  | ug/L   | 96       |
| 65) 1,4-Dichlorobenzene       | 13.579 | 146  | 70102    | 5.21  | ug/L   | 94       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 61440    | 5.10  | ug/L   | 92       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 5205     | 6.33  | ug/L   | 85       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 49079    | 4.82  | ug/L   | 94       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 42814    | 5.13  | ug/L   | 98       |
| 71) Naphthalene               | 15.365 | 128  | 82963    | 5.44  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 36653    | 4.98  | ug/L   | 98       |

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

