

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061022\  
 Data File : VW023442.D  
 Acq On : 10 Jun 2022 12:32  
 Operator : SY/VA  
 Sample : VSTD00525  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VSTD005425

Quant Time: Jun 10 12:54:26 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061022SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 10 12:15:26 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114  | 340296   | 25.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628 | 117  | 319279   | 25.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152  | 155618   | 25.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65   | 29912    | 5.655  | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.879  | 69   | 22172    | 5.909  | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63   | 40627    | 5.264  | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 7.080  | 46   | 11416m   | 11.202 | ug/L   | 0.00     |
| 24) Chloroform-d              | 7.647  | 84   | 51043    | 5.592  | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65   | 27058    | 5.591  | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.275  | 84   | 92188    | 5.305  | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.268  | 67   | 27857    | 5.697  | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.323 | 98   | 86457    | 5.216  | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79   | 11806    | 5.420  | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.927 | 63   | 7376     | 9.883  | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84   | 24536    | 5.696  | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152  | 30938    | 5.625  | ug/L   | 0.00     |
| Target Compounds              |        |      |          |        |        |          |
|                               |        |      |          |        |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 2.001  | 85   | 4011     | 3.453  | ug/L   | 95       |
| 3) Chloromethane              | 2.215  | 50   | 23602    | 5.973  | ug/L   | 100      |
| 5) Vinyl chloride             | 2.355  | 62   | 30780    | 5.014  | ug/L   | 96       |
| 6) Bromomethane               | 2.770  | 94   | 20433    | 6.075  | ug/L   | 90       |
| 8) Chloroethane               | 2.916  | 64   | 17149    | 5.608  | ug/L   | 97       |
| 9) Trichlorofluoromethane     | 3.251  | 101  | 14899    | 4.878  | ug/L   | 94       |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.056  | 101  | 22382m   | 5.186  | ug/L   |          |
| 12) 1,1-Dichloroethene        | 4.044  | 96   | 19760    | 5.165  | ug/L   | 83       |
| 13) Acetone                   | 4.123  | 43   | 9819     | 13.087 | ug/L   | 99       |
| 14) Carbon disulfide          | 4.379  | 76   | 57876    | 4.759  | ug/L   | 97       |
| 15) Methyl Acetate            | 4.666  | 43   | 9215m    | 5.496  | ug/L   |          |
| 16) Methylene chloride        | 4.915  | 84   | 25158    | 5.177  | ug/L   | 95       |
| 17) trans-1,2-Dichloroethene  | 5.428  | 96   | 22983    | 5.057  | ug/L   | 88       |
| 18) Methyl tert-butyl Ether   | 5.422  | 73   | 32592    | 4.883  | ug/L # | 92       |
| 19) 1,1-Dichloroethane        | 6.214  | 63   | 41599    | 5.358  | ug/L   | 97       |
| 20) cis-1,2-Dichloroethene    | 7.165  | 96   | 24009    | 4.983  | ug/L # | 96       |
| 22) 2-Butanone                | 7.171  | 43   | 13823    | 12.370 | ug/L   | 78       |
| 23) Bromochloromethane        | 7.513  | 128  | 11541    | 5.114  | ug/L   | 90       |
| 25) Chloroform                | 7.677  | 83   | 47057    | 5.459  | ug/L   | 91       |
| 27) 1,2-Dichloroethane        | 8.397  | 62   | 29345    | 5.334  | ug/L   | 96       |
| 29) Cyclohexane               | 7.958  | 56   | 30968    | 4.642  | ug/L # | 93       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 38791    | 5.190  | ug/L   | 98       |
| 31) Carbon tetrachloride      | 8.067  | 117  | 35568    | 5.189  | ug/L   | 99       |
| 33) Benzene                   | 8.323  | 78   | 95836    | 5.168  | ug/L   | 100      |
| 34) Trichloroethene           | 9.085  | 95   | 25461    | 5.068  | ug/L   | 92       |
| 35) Methylcyclohexane         | 9.335  | 83   | 40475    | 4.907  | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 9.372  | 63   | 24058    | 5.490  | ug/L   | 98       |
| 38) Bromodichloromethane      | 9.640  | 83   | 32982    | 5.368  | ug/L   | 95       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 32684    | 4.796  | ug/L   | 99       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 24975    | 10.391 | ug/L   | 96       |
| 42) Toluene                   | 10.384 | 91   | 103606   | 4.960  | ug/L   | 95       |
| 44) trans-1,3-Dichloropropene | 10.604 | 75   | 29836    | 4.976  | ug/L   | 100      |

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 MSVOA\_W  
 ClientSampleId :  
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 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 10 12:15:26 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 18460    | 5.231  | ug/L   | 95       |
| 46) Tetrachloroethene         | 10.866 | 164  | 19556    | 4.945  | ug/L   | 90       |
| 48) 2-Hexanone                | 10.963 | 43   | 16856    | 10.819 | ug/L   | 99       |
| 49) Dibromochloromethane      | 11.128 | 129  | 20287    | 4.737  | ug/L   | 93       |
| 50) 1,2-Dibromoethane         | 11.231 | 107  | 17171    | 4.997  | ug/L   | 89       |
| 51) Chlorobenzene             | 11.658 | 112  | 69605    | 5.085  | ug/L   | 98       |
| 52) Ethylbenzene              | 11.731 | 91   | 114842   | 4.980  | ug/L   | 97       |
| 53) m,p-Xylene                | 11.835 | 106  | 41904    | 4.693  | ug/L   | 85       |
| 54) o-Xylene                  | 12.164 | 106  | 39535    | 4.599  | ug/L   | 89       |
| 55) Styrene                   | 12.176 | 104  | 69684    | 4.695  | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 21493    | 4.995  | ug/L # | 97       |
| 59) Bromoform                 | 12.347 | 173  | 10084    | 4.775  | ug/L   | 98       |
| 60) Isopropylbenzene          | 12.463 | 105  | 114257   | 5.239  | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 15948    | 5.633  | ug/L   | 96       |
| 62) 1,3,5-Trimethylbenzene    | 12.945 | 105  | 87275    | 4.812  | ug/L   | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 89379    | 4.984  | ug/L   | 97       |
| 64) 1,3-Dichlorobenzene       | 13.493 | 146  | 51751    | 5.258  | ug/L   | 96       |
| 65) 1,4-Dichlorobenzene       | 13.579 | 146  | 52810    | 5.220  | ug/L   | 95       |
| 67) 1,2-Dichlorobenzene       | 13.871 | 146  | 46198    | 5.120  | ug/L   | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 3344     | 5.569  | ug/L # | 82       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 32631    | 4.988  | ug/L   | 93       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 25194    | 5.005  | ug/L   | 98       |
| 71) Naphthalene               | 15.365 | 128  | 43324    | 4.575  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 21933    | 4.975  | ug/L   | 94       |

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

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