

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062724\  
 Data File : VD079273.D  
 Acq On : 27 Jun 2024 13:31  
 Operator : RP/MD  
 Sample : VSTD05034  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTD050834

Quant Time: Jun 28 06:03:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM062724SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 28 06:00:46 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| -----                         |        |      |          |         |       |          |
| Internal Standards            |        |      |          |         |       |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114  | 171217   | 25.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117  | 177709   | 25.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152  | 94919    | 25.000  | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |         |       |          |
| 4) Vinyl Chloride-d3          | 2.269  | 65   | 275962   | 56.450  | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 2.793  | 69   | 239622   | 55.597  | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 3.911  | 65   | 55985    | 58.240  | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 6.981  | 46   | 66025    | 114.932 | ug/L  | 0.00     |
| 24) Chloroform-d              | 7.569  | 84   | 290236   | 55.171  | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65   | 141473   | 56.132  | ug/L  | 0.00     |
| 32) Benzene-d6                | 8.199  | 84   | 624387   | 58.150  | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67   | 182491   | 56.623  | ug/L  | 0.00     |
| 41) Toluene-d8                | 10.269 | 98   | 586164   | 60.311  | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79   | 80322    | 57.135  | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 10.875 | 63   | 65195    | 123.861 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84   | 175021   | 55.552  | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152  | 202617   | 55.007  | ug/L  | 0.00     |
| Target Compounds              |        |      |          |         |       |          |
|                               |        |      |          |         |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.934  | 85   | 148844   | 50.326  | ug/L  | 98       |
| 3) Chloromethane              | 2.146  | 50   | 207904   | 50.100  | ug/L  | 98       |
| 5) Vinyl chloride             | 2.275  | 62   | 277597   | 50.523  | ug/L  | 98       |
| 6) Bromomethane               | 2.687  | 94   | 192698   | 51.370  | ug/L  | 97       |
| 8) Chloroethane               | 2.828  | 64   | 180415   | 49.227  | ug/L  | 97       |
| 9) Trichlorofluoromethane     | 3.169  | 101  | 202888   | 49.637  | ug/L  | 97       |
| 10) 1,1,2-Trichloro-1,2,2-... | 3.963  | 101  | 128660   | 49.246  | ug/L  | 96       |
| 12) 1,1-Dichloroethene        | 3.934  | 96   | 125459   | 52.976  | ug/L  | 83       |
| 13) Acetone                   | 4.016  | 43   | 48373    | 110.525 | ug/L  | 98       |
| 14) Carbon disulfide          | 4.263  | 76   | 437048   | 51.043  | ug/L  | 97       |
| 15) Methyl Acetate            | 4.558  | 43   | 52922    | 50.990  | ug/L  | 93       |
| 16) Methylene chloride        | 4.793  | 84   | 161159   | 37.691  | ug/L  | 92       |
| 17) trans-1,2-Dichloroethene  | 5.310  | 96   | 138495   | 52.775  | ug/L  | 96       |
| 18) Methyl tert-butyl Ether   | 5.316  | 73   | 300923   | 55.798  | ug/L  | 99       |
| 19) 1,1-Dichloroethane        | 6.105  | 63   | 223306   | 50.668  | ug/L  | 97       |
| 20) cis-1,2-Dichloroethene    | 7.081  | 96   | 159315   | 54.170  | ug/L  | 99       |
| 22) 2-Butanone                | 7.081  | 43   | 73250    | 112.550 | ug/L  | 96       |
| 23) Bromochloromethane        | 7.422  | 128  | 77582    | 52.244  | ug/L  | 96       |
| 25) Chloroform                | 7.599  | 83   | 249813   | 50.182  | ug/L  | 95       |
| 27) 1,2-Dichloroethane        | 8.328  | 62   | 149990   | 52.866  | ug/L  | 95       |
| 29) Cyclohexane               | 7.875  | 56   | 180376   | 57.618  | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.787  | 97   | 193148   | 50.172  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 7.987  | 117  | 174450   | 50.230  | ug/L  | 100      |
| 33) Benzene                   | 8.251  | 78   | 601847   | 54.206  | ug/L  | 100      |
| 34) Trichloroethene           | 9.028  | 95   | 138967   | 51.207  | ug/L  | 95       |
| 35) Methylcyclohexane         | 9.275  | 83   | 228917   | 54.714  | ug/L  | 99       |
| 37) 1,2-Dichloropropane       | 9.304  | 63   | 147690   | 50.908  | ug/L  | 99       |
| 38) Bromodichloromethane      | 9.581  | 83   | 190342   | 51.223  | ug/L  | 95       |
| 39) cis-1,3-Dichloropropene   | 10.016 | 75   | 238675   | 56.063  | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 10.157 | 43   | 154341   | 112.230 | ug/L  | 99       |
| 42) Toluene                   | 10.334 | 91   | 660185   | 55.876  | ug/L  | 96       |
| 44) trans-1,3-Dichloropropene | 10.551 | 75   | 203396   | 54.680  | ug/L  | 97       |

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 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 28 06:00:46 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|---------|--------|----------|
| 45) 1,1,2-Trichloroethane     | 10.734 | 97   | 130827   | 52.481  | ug/L   | 93       |
| 46) Tetrachloroethene         | 10.810 | 164  | 111204   | 51.462  | ug/L   | 93       |
| 48) 2-Hexanone                | 10.922 | 43   | 115961   | 115.514 | ug/L   | 99       |
| 49) Dibromochloromethane      | 11.075 | 129  | 142386   | 52.889  | ug/L   | 94       |
| 50) 1,2-Dibromoethane         | 11.175 | 107  | 120426   | 51.351  | ug/L   | 94       |
| 51) Chlorobenzene             | 11.604 | 112  | 411151   | 51.350  | ug/L   | 98       |
| 52) Ethylbenzene              | 11.681 | 91   | 684988   | 56.173  | ug/L   | 97       |
| 53) m,p-Xylene                | 11.792 | 106  | 273535   | 56.875  | ug/L   | 94       |
| 54) o-Xylene                  | 12.122 | 106  | 271873   | 56.245  | ug/L   | 96       |
| 55) Styrene                   | 12.134 | 104  | 506142   | 58.546  | ug/L   | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 12.669 | 83   | 158792   | 52.236  | ug/L # | 95       |
| 59) Bromoform                 | 12.298 | 173  | 92308    | 49.556  | ug/L   | 100      |
| 60) Isopropylbenzene          | 12.422 | 105  | 678999   | 54.811  | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 12.722 | 75   | 99357    | 49.347  | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 485631   | 55.094  | ug/L   | 98       |
| 63) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 529632   | 55.186  | ug/L   | 100      |
| 64) 1,3-Dichlorobenzene       | 13.457 | 146  | 316062   | 50.816  | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 13.539 | 146  | 329865   | 50.296  | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 13.828 | 146  | 305244   | 50.804  | ug/L   | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 14.445 | 75   | 19647    | 48.536  | ug/L   | 90       |
| 69) 1,3,5-Trichlorobenzene    | 14.592 | 180  | 194472   | 50.096  | ug/L   | 99       |
| 70) 1,2,4-trichlorobenzene    | 15.098 | 180  | 164595   | 51.135  | ug/L   | 98       |
| 71) Naphthalene               | 15.333 | 128  | 386808   | 55.359  | ug/L   | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.522 | 180  | 162732   | 53.179  | ug/L   | 99       |

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

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