

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD052924\  
 Data File : VD079056.D  
 Acq On : 29 May 2024 10:21  
 Operator : RP/MD  
 Sample : VSTD02503  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTD025803

Quant Time: May 30 00:41:01 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM052924SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu May 30 00:39:29 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| -----                         |        |      |          |        |       |          |
| Internal Standards            |        |      |          |        |       |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114  | 201741   | 25.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117  | 200763   | 25.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152  | 106424   | 25.000 | ug/L  | 0.00     |
| System Monitoring Compounds   |        |      |          |        |       |          |
| 4) Vinyl Chloride-d3          | 2.275  | 65   | 150584   | 28.337 | ug/L  | 0.00     |
| 7) Chloroethane-d5            | 2.799  | 69   | 141346   | 25.565 | ug/L  | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 3.916  | 65   | 26339    | 25.849 | ug/L  | 0.00     |
| 21) 2-Butanone-d5             | 6.981  | 46   | 21773    | 32.308 | ug/L  | 0.00     |
| 24) Chloroform-d              | 7.569  | 84   | 132608   | 21.756 | ug/L  | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65   | 61894    | 21.559 | ug/L  | 0.00     |
| 32) Benzene-d6                | 8.198  | 84   | 269595   | 25.357 | ug/L  | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67   | 74551    | 23.288 | ug/L  | 0.00     |
| 41) Toluene-d8                | 10.269 | 98   | 257442   | 25.914 | ug/L  | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79   | 31607    | 21.558 | ug/L  | 0.00     |
| 47) 2-Hexanone-d5             | 10.875 | 63   | 20477    | 33.980 | ug/L  | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84   | 66329    | 19.016 | ug/L  | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152  | 82990    | 22.397 | ug/L  | 0.00     |
| Target Compounds              |        |      |          |        |       |          |
|                               |        |      |          |        |       | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.934  | 85   | 78604    | 19.705 | ug/L  | 100      |
| 3) Chloromethane              | 2.146  | 50   | 105064   | 21.124 | ug/L  | 100      |
| 5) Vinyl chloride             | 2.281  | 62   | 172863   | 21.241 | ug/L  | 100      |
| 6) Bromomethane               | 2.693  | 94   | 135654   | 22.740 | ug/L  | 100      |
| 8) Chloroethane               | 2.834  | 64   | 127417   | 20.535 | ug/L  | 100      |
| 9) Trichlorofluoromethane     | 3.175  | 101  | 156790   | 24.035 | ug/L  | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 3.969  | 101  | 79359    | 20.019 | ug/L  | 100      |
| 12) 1,1-Dichloroethene        | 3.940  | 96   | 69593    | 20.009 | ug/L  | 100      |
| 13) Acetone                   | 4.022  | 43   | 36066    | 42.683 | ug/L  | 98       |
| 14) Carbon disulfide          | 4.269  | 76   | 245236   | 23.268 | ug/L  | 100      |
| 15) Methyl Acetate            | 4.563  | 43   | 23804    | 18.113 | ug/L  | 100      |
| 16) Methylene chloride        | 4.793  | 84   | 78395    | 16.705 | ug/L  | 100      |
| 17) trans-1,2-Dichloroethene  | 5.316  | 96   | 78221    | 22.038 | ug/L  | 100      |
| 18) Methyl tert-butyl Ether   | 5.322  | 73   | 137107   | 18.802 | ug/L  | 100      |
| 19) 1,1-Dichloroethane        | 6.116  | 63   | 121530   | 20.872 | ug/L  | 100      |
| 20) cis-1,2-Dichloroethene    | 7.081  | 96   | 80040    | 20.230 | ug/L  | 100      |
| 22) 2-Butanone                | 7.081  | 43   | 37113    | 39.740 | ug/L  | 100      |
| 23) Bromochloromethane        | 7.428  | 128  | 40373    | 20.370 | ug/L  | 100      |
| 25) Chloroform                | 7.598  | 83   | 135448   | 19.433 | ug/L  | 100      |
| 27) 1,2-Dichloroethane        | 8.328  | 62   | 81688    | 20.180 | ug/L  | 100      |
| 29) Cyclohexane               | 7.875  | 56   | 97246    | 24.767 | ug/L  | 100      |
| 30) 1,1,1-Trichloroethane     | 7.793  | 97   | 117165   | 21.384 | ug/L  | 100      |
| 31) Carbon tetrachloride      | 7.993  | 117  | 109361   | 21.657 | ug/L  | 100      |
| 33) Benzene                   | 8.251  | 78   | 310443   | 22.737 | ug/L  | 100      |
| 34) Trichloroethene           | 9.028  | 95   | 77726    | 22.057 | ug/L  | 100      |
| 35) Methylcyclohexane         | 9.275  | 83   | 134083   | 24.615 | ug/L  | 100      |
| 37) 1,2-Dichloropropane       | 9.304  | 63   | 73581    | 21.494 | ug/L  | 100      |
| 38) Bromodichloromethane      | 9.581  | 83   | 99368    | 20.705 | ug/L  | 100      |
| 39) cis-1,3-Dichloropropene   | 10.016 | 75   | 114504   | 21.349 | ug/L  | 100      |
| 40) 4-Methyl-2-pentanone      | 10.157 | 43   | 65174    | 38.568 | ug/L  | 100      |
| 42) Toluene                   | 10.334 | 91   | 352026   | 23.333 | ug/L  | 100      |
| 44) trans-1,3-Dichloropropene | 10.551 | 75   | 102329   | 21.651 | ug/L  | 100      |

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 ClientSampleId :  
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Quant Time: May 30 00:41:01 2024  
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 Quant Title : SFAM01.0  
 QLast Update : Thu May 30 00:39:29 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 10.734 | 97   | 63366    | 20.537 | ug/L  | 100      |
| 46) Tetrachloroethene         | 10.810 | 164  | 67605    | 22.044 | ug/L  | 100      |
| 48) 2-Hexanone                | 10.922 | 43   | 59394    | 44.218 | ug/L  | 100      |
| 49) Dibromochloromethane      | 11.075 | 129  | 74416    | 19.782 | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 11.175 | 107  | 60591    | 20.579 | ug/L  | 100      |
| 51) Chlorobenzene             | 11.604 | 112  | 221382   | 21.031 | ug/L  | 100      |
| 52) Ethylbenzene              | 11.681 | 91   | 363378   | 22.527 | ug/L  | 100      |
| 53) m,p-Xylene                | 11.792 | 106  | 145188   | 22.472 | ug/L  | 100      |
| 54) o-Xylene                  | 12.122 | 106  | 140348   | 22.246 | ug/L  | 100      |
| 55) Styrene                   | 12.134 | 104  | 250910   | 22.781 | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 12.669 | 83   | 72772    | 19.546 | ug/L  | 100      |
| 59) Bromoform                 | 12.298 | 173  | 46829    | 19.872 | ug/L  | 100      |
| 60) Isopropylbenzene          | 12.422 | 105  | 367606   | 23.410 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 12.722 | 75   | 47947    | 20.071 | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 251361   | 22.007 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 272746   | 23.212 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 13.457 | 146  | 169723   | 22.334 | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 13.533 | 146  | 175639   | 21.480 | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 13.828 | 146  | 154756   | 21.582 | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 14.445 | 75   | 9627     | 19.510 | ug/L  | 100      |
| 69) 1,3,5-Trichlorobenzene    | 14.592 | 180  | 103813   | 21.055 | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 15.098 | 180  | 84243    | 20.218 | ug/L  | 100      |
| 71) Naphthalene               | 15.333 | 128  | 161872   | 19.325 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.522 | 180  | 75632    | 19.643 | ug/L  | 100      |

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

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