

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD111224\  
 Data File : VD079992.D  
 Acq On : 12 Nov 2024 11:02  
 Operator : RP/MD  
 Sample : VSTD02546  
 Misc : 5.00G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTD025846

Quant Time: Nov 13 01:44:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM111224SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Nov 13 01:43:29 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| Internal Standards            |        |      |          |        |        |          |
| 1) 1,4-Difluorobenzene        | 8.781  | 114  | 258929   | 25.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117  | 254355   | 25.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152  | 137611   | 25.000 | ug/L   | 0.00     |
|                               |        |      |          |        |        |          |
| System Monitoring Compounds   |        |      |          |        |        |          |
| 4) Vinyl Chloride-d3          | 2.275  | 65   | 84965    | 22.014 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 2.805  | 69   | 78473    | 24.512 | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 3.916  | 65   | 35924    | 22.706 | ug/L   | 0.00     |
| 21) 2-Butanone-d5             | 6.987  | 46   | 38594    | 47.101 | ug/L   | 0.00     |
| 24) Chloroform-d              | 7.569  | 84   | 187648   | 25.517 | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 8.234  | 65   | 98989    | 24.824 | ug/L   | 0.00     |
| 32) Benzene-d6                | 8.199  | 84   | 367754   | 25.141 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67   | 116982   | 24.790 | ug/L   | 0.00     |
| 41) Toluene-d8                | 10.269 | 98   | 340504   | 25.573 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79   | 47095    | 24.798 | ug/L   | 0.00     |
| 47) 2-Hexanone-d5             | 10.875 | 63   | 35581    | 51.212 | ug/L   | 0.00     |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84   | 95640    | 25.303 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152  | 119434   | 25.045 | ug/L   | 0.00     |
|                               |        |      |          |        |        |          |
| Target Compounds              |        |      |          | Qvalue |        |          |
| 2) Dichlorodifluoromethane    | 1.934  | 85   | 93389    | 23.718 | ug/L   | 100      |
| 3) Chloromethane              | 2.146  | 50   | 73898    | 22.946 | ug/L   | 100      |
| 5) Vinyl chloride             | 2.287  | 62   | 100183   | 24.778 | ug/L   | 100      |
| 6) Bromomethane               | 2.693  | 94   | 72457    | 25.364 | ug/L   | 100      |
| 8) Chloroethane               | 2.840  | 64   | 68093    | 26.449 | ug/L   | 100      |
| 9) Trichlorofluoromethane     | 3.175  | 101  | 165005   | 24.400 | ug/L   | 100      |
| 10) 1,1,2-Trichloro-1,2,2-... | 3.969  | 101  | 100331   | 24.413 | ug/L   | 100      |
| 12) 1,1-Dichloroethene        | 3.940  | 96   | 84684    | 24.410 | ug/L   | 100      |
| 13) Acetone                   | 4.028  | 43   | 51448    | 53.044 | ug/L   | 100      |
| 14) Carbon disulfide          | 4.269  | 76   | 287090   | 24.774 | ug/L   | 100      |
| 15) Methyl Acetate            | 4.569  | 43   | 37741    | 25.025 | ug/L # | 91       |
| 16) Methylene chloride        | 4.805  | 84   | 102647   | 23.892 | ug/L   | 100      |
| 17) trans-1,2-Dichloroethene  | 5.316  | 96   | 95102    | 24.850 | ug/L   | 100      |
| 18) Methyl tert-butyl Ether   | 5.322  | 73   | 185150   | 24.856 | ug/L   | 100      |
| 19) 1,1-Dichloroethane        | 6.110  | 63   | 179161   | 25.105 | ug/L   | 100      |
| 20) cis-1,2-Dichloroethene    | 7.081  | 96   | 104205   | 25.009 | ug/L   | 100      |
| 22) 2-Butanone                | 7.081  | 43   | 55405    | 48.765 | ug/L   | 100      |
| 23) Bromochloromethane        | 7.428  | 128  | 51486    | 24.883 | ug/L   | 100      |
| 25) Chloroform                | 7.599  | 83   | 198174   | 24.022 | ug/L   | 100      |
| 27) 1,2-Dichloroethane        | 8.328  | 62   | 118739   | 24.648 | ug/L   | 100      |
| 29) Cyclohexane               | 7.881  | 56   | 142277   | 25.874 | ug/L   | 100      |
| 30) 1,1,1-Trichloroethane     | 7.793  | 97   | 160629   | 24.680 | ug/L   | 100      |
| 31) Carbon tetrachloride      | 7.993  | 117  | 145534   | 25.466 | ug/L   | 100      |
| 33) Benzene                   | 8.252  | 78   | 417697   | 26.278 | ug/L   | 100      |
| 34) Trichloroethene           | 9.028  | 95   | 106187   | 24.911 | ug/L   | 100      |
| 35) Methylcyclohexane         | 9.275  | 83   | 161542   | 25.929 | ug/L   | 100      |
| 37) 1,2-Dichloropropane       | 9.304  | 63   | 110874   | 24.970 | ug/L   | 100      |
| 38) Bromodichloromethane      | 9.587  | 83   | 142239   | 25.138 | ug/L   | 100      |
| 39) cis-1,3-Dichloropropene   | 10.016 | 75   | 163422   | 25.478 | ug/L   | 100      |
| 40) 4-Methyl-2-pentanone      | 10.157 | 43   | 106373   | 50.737 | ug/L   | 100      |
| 42) Toluene                   | 10.334 | 91   | 464809   | 26.769 | ug/L   | 100      |
| 44) trans-1,3-Dichloropropene | 10.551 | 75   | 141732   | 25.654 | ug/L   | 100      |

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 ALS Vial : 4 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 VSTD025846

Quant Time: Nov 13 01:44:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM111224SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Nov 13 01:43:29 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 45) 1,1,2-Trichloroethane     | 10.734 | 97   | 85841    | 25.376 | ug/L  | 100      |
| 46) Tetrachloroethene         | 10.810 | 164  | 92815    | 25.599 | ug/L  | 100      |
| 48) 2-Hexanone                | 10.922 | 43   | 88791    | 52.520 | ug/L  | 100      |
| 49) Dibromochloromethane      | 11.075 | 129  | 102001   | 25.603 | ug/L  | 100      |
| 50) 1,2-Dibromoethane         | 11.181 | 107  | 76724    | 24.858 | ug/L  | 100      |
| 51) Chlorobenzene             | 11.604 | 112  | 287528   | 25.258 | ug/L  | 100      |
| 52) Ethylbenzene              | 11.681 | 91   | 494400   | 26.384 | ug/L  | 100      |
| 53) m,p-Xylene                | 11.793 | 106  | 190497   | 27.112 | ug/L  | 100      |
| 54) o-Xylene                  | 12.116 | 106  | 181304   | 27.073 | ug/L  | 100      |
| 55) Styrene                   | 12.134 | 104  | 330328   | 27.418 | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 12.669 | 83   | 96453    | 24.548 | ug/L  | 100      |
| 59) Bromoform                 | 12.298 | 173  | 61668    | 24.281 | ug/L  | 100      |
| 60) Isopropylbenzene          | 12.422 | 105  | 487189   | 25.900 | ug/L  | 100      |
| 61) 1,2,3-Trichloropropane    | 12.722 | 75   | 66594    | 24.829 | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 12.904 | 105  | 382873   | 25.916 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.210 | 105  | 383396   | 26.064 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 13.457 | 146  | 234773   | 25.427 | ug/L  | 100      |
| 65) 1,4-Dichlorobenzene       | 13.534 | 146  | 240298   | 24.844 | ug/L  | 100      |
| 67) 1,2-Dichlorobenzene       | 13.828 | 146  | 210905   | 24.722 | ug/L  | 100      |
| 68) 1,2-Dibromo-3-chloropr... | 14.445 | 75   | 14054    | 24.045 | ug/L  | 100      |
| 69) 1,3,5-Trichlorobenzene    | 14.592 | 180  | 156527   | 25.097 | ug/L  | 100      |
| 70) 1,2,4-trichlorobenzene    | 15.098 | 180  | 126949   | 24.156 | ug/L  | 100      |
| 71) Naphthalene               | 15.333 | 128  | 218843   | 24.374 | ug/L  | 100      |
| 72) 1,2,3-Trichlorobenzene    | 15.522 | 180  | 115963   | 24.994 | ug/L  | 100      |

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

