

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW050124\  
 Data File : VW028557.D  
 Acq On : 01 May 2024 11:25  
 Operator : SY/MD  
 Sample : P2321-03MSD  
 Misc : 5.74g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E0Y32MSD

Quant Time: May 02 02:20:49 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu May 02 02:18:04 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 409257   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 307237   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 95582    | 25.000   | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.369  | 65    | 110688   | 16.870   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 67.480%   |
| 7) Chloroethane-d5            | 2.899  | 69    | 107704   | 21.659   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 86.640%   |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 53345    | 19.200   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 76.800%   |
| 21) 2-Butanone-d5             | 7.075  | 46    | 58968    | 48.030   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 96.060%   |
| 24) Chloroform-d              | 7.654  | 84    | 267384   | 25.038   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 100.160%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 137626   | 24.798   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 99.200%   |
| 32) Benzene-d6                | 8.276  | 84    | 473269   | 28.197   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 112.800%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 150767   | 30.220   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 120.880%# |
| 41) Toluene-d8                | 10.325 | 98    | 388763   | 25.472   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 101.880%  |
| 43) trans-1,3-Dichloroprop... | 10.574 | 79    | 45908    | 23.142   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 92.560%   |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 38743    | 56.062   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 112.120%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 98504    | 27.984   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 111.920%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 72382    | 23.945   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 95.800%   |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 2) Dichlorodifluoromethane    | 2.015  | 85    | 131624   | 23.912   | ug/L   | 100       |
| 3) Chloromethane              | 2.228  | 50    | 169214   | 26.183   | ug/L   | 96        |
| 5) Vinyl chloride             | 2.375  | 62    | 178364   | 23.175   | ug/L   | 100       |
| 6) Bromomethane               | 2.789  | 94    | 102094   | 21.232   | ug/L   | 95        |
| 8) Chloroethane               | 2.936  | 64    | 116509   | 25.112   | ug/L   | 99        |
| 9) Trichlorofluoromethane     | 3.271  | 101   | 184020   | 29.972   | ug/L   | 98        |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.076  | 101   | 135440   | 23.448   | ug/L   | 94        |
| 12) 1,1-Dichloroethene        | 4.051  | 96    | 131670   | 24.277   | ug/L   | 81        |
| 13) Acetone                   | 4.124  | 43    | 142199   | 94.328   | ug/L   | 97        |
| 14) Carbon disulfide          | 4.393  | 76    | 315456   | 17.667   | ug/L   | 99        |
| 15) Methyl Acetate            | 4.673  | 43    | 52575    | 21.675   | ug/L   | 99        |
| 16) Methylene chloride        | 4.923  | 84    | 148739   | 24.018   | ug/L   | 99        |
| 17) trans-1,2-Dichloroethene  | 5.429  | 96    | 130173   | 22.785   | ug/L   | 97        |
| 18) Methyl tert-butyl Ether   | 5.429  | 73    | 222883   | 27.734   | ug/L   | 97        |
| 19) 1,1-Dichloroethane        | 6.222  | 63    | 297107   | 26.692   | ug/L   | 98        |
| 20) cis-1,2-Dichloroethene    | 7.173  | 96    | 147967   | 24.403   | ug/L   | 97        |
| 22) 2-Butanone                | 7.173  | 43    | 113012   | 61.773   | ug/L   | 95        |
| 23) Bromochloromethane        | 7.520  | 128   | 65138    | 24.940   | ug/L   | 91        |
| 25) Chloroform                | 7.679  | 83    | 289108   | 26.440   | ug/L   | 96        |

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 Quant Title : SFAM01.0  
 QLast Update : Thu May 02 02:18:04 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units | Dev(Min) |
|-------------------------------|--------|------|----------|--------|-------|----------|
| 27) 1,2-Dichloroethane        | 8.398  | 62   | 188339   | 24.956 | ug/L  | 100      |
| 29) Cyclohexane               | 7.959  | 56   | 210383   | 25.924 | ug/L  | 98       |
| 30) 1,1,1-Trichloroethane     | 7.874  | 97   | 236122   | 31.689 | ug/L  | 99       |
| 31) Carbon tetrachloride      | 8.075  | 117  | 190560   | 28.840 | ug/L  | 96       |
| 33) Benzene                   | 8.325  | 78   | 589420   | 30.684 | ug/L  | 100      |
| 34) Trichloroethene           | 9.093  | 95   | 142334   | 27.341 | ug/L  | 96       |
| 35) Methylcyclohexane         | 9.337  | 83   | 158944   | 17.892 | ug/L  | 98       |
| 37) 1,2-Dichloropropane       | 9.367  | 63   | 155821   | 31.123 | ug/L  | 99       |
| 38) Bromodichloromethane      | 9.642  | 83   | 173522   | 27.961 | ug/L  | 97       |
| 39) cis-1,3-Dichloropropene   | 10.075 | 75   | 181784   | 24.759 | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43   | 177987   | 71.015 | ug/L  | 99       |
| 42) Toluene                   | 10.385 | 91   | 567640   | 27.893 | ug/L  | 97       |
| 44) trans-1,3-Dichloropropene | 10.605 | 75   | 149057   | 25.096 | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane     | 10.782 | 97   | 97324    | 28.733 | ug/L  | 93       |
| 46) Tetrachloroethene         | 10.861 | 164  | 89192    | 22.937 | ug/L  | 91       |
| 48) 2-Hexanone                | 10.965 | 43   | 141191   | 70.970 | ug/L  | 96       |
| 49) Dibromochloromethane      | 11.123 | 129  | 88347    | 24.403 | ug/L  | 99       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 84048    | 27.186 | ug/L  | 94       |
| 51) Chlorobenzene             | 11.654 | 112  | 309064   | 24.433 | ug/L  | 97       |
| 52) Ethylbenzene              | 11.727 | 91   | 573024   | 24.840 | ug/L  | 100      |
| 53) m,p-Xylene                | 11.836 | 106  | 203444   | 23.715 | ug/L  | 99       |
| 54) o-Xylene                  | 12.160 | 106  | 201682   | 25.249 | ug/L  | 98       |
| 55) Styrene                   | 12.178 | 104  | 299147   | 22.004 | ug/L  | 99       |
| 57) 1,1,2,2-Tetrachloroethane | 12.708 | 83   | 99648    | 25.995 | ug/L  | 99       |
| 59) Bromoform                 | 12.349 | 173  | 40492    | 32.094 | ug/L  | 98       |
| 60) Isopropylbenzene          | 12.458 | 105  | 498055   | 34.758 | ug/L  | 99       |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 76176    | 43.592 | ug/L  | 100      |
| 62) 1,3,5-Trimethylbenzene    | 12.940 | 105  | 287304   | 31.457 | ug/L  | 100      |
| 63) 1,2,4-Trimethylbenzene    | 13.245 | 105  | 350029   | 31.846 | ug/L  | 100      |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 142691   | 23.468 | ug/L  | 99       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 146834   | 23.740 | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 13.867 | 146  | 133413   | 24.945 | ug/L  | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75   | 13957    | 34.854 | ug/L  | 91       |
| 69) 1,3,5-Trichlorobenzene    | 14.623 | 180  | 63548    | 15.189 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene    | 15.129 | 180  | 44599    | 13.650 | ug/L  | 94       |
| 71) Naphthalene               | 15.360 | 128  | 96650    | 16.714 | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.549 | 180  | 35466    | 12.233 | ug/L  | 96       |

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

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