

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW052022\  
 Data File : VW023222.D  
 Acq On : 21 May 2022 01:24  
 Operator : SY/VA  
 Sample : N2929-02MSRE  
 Misc : 6.92g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBTF7MSRE

Quant Time: May 21 01:52:23 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat May 21 01:30:17 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 243219   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 197825   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 66907    | 25.000   | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 103688   | 20.779   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 83.120%   |
| 7) Chloroethane-d5            | 2.885  | 69    | 79631    | 24.529   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 98.120%   |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 126623   | 19.639   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 78.560%   |
| 21) 2-Butanone-d5             | 7.080  | 46    | 74272m   | 78.283   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 156.560%# |
| 24) Chloroform-d              | 7.647  | 84    | 198700   | 27.885   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 111.520%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 127122   | 32.527   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 130.120%# |
| 32) Benzene-d6                | 8.275  | 84    | 346909   | 30.424   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 121.680%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 112409   | 35.095   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 140.360%# |
| 41) Toluene-d8                | 10.323 | 98    | 290725   | 26.394   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 105.560%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 44834    | 30.400   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 121.600%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 64964    | 106.246  | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 212.500%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 127223   | 42.615   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 170.440%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 60762    | 25.980   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 103.920%  |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 2) Dichlorodifluoromethane    | 2.001  | 85    | 30793    | 23.225   | ug/L   | 95        |
| 3) Chloromethane              | 2.215  | 50    | 65495    | 25.563   | ug/L   | 99        |
| 5) Vinyl chloride             | 2.361  | 62    | 96700    | 18.806   | ug/L   | 99        |
| 6) Bromomethane               | 2.776  | 94    | 49090    | 14.870   | ug/L   | 91        |
| 8) Chloroethane               | 2.916  | 64    | 50807    | 20.486   | ug/L   | 99        |
| 9) Trichlorofluoromethane     | 3.257  | 101   | 39251    | 16.702   | ug/L   | 96        |
| 10) 1,1,2-Trichloro-1,2,2-... | 4.062  | 101   | 64846    | 18.453   | ug/L   | 98        |
| 12) 1,1-Dichloroethene        | 4.038  | 96    | 58548    | 18.795   | ug/L   | 88        |
| 13) Acetone                   | 4.123  | 43    | 60324    | 84.925   | ug/L   | 98        |
| 14) Carbon disulfide          | 4.385  | 76    | 101726   | 11.911   | ug/L   | 100       |
| 15) Methyl Acetate            | 4.672  | 43    | 50334m   | 35.272   | ug/L   |           |
| 16) Methylene chloride        | 4.916  | 84    | 81961    | 23.030   | ug/L   | 97        |
| 17) trans-1,2-Dichloroethene  | 5.422  | 96    | 66164    | 18.874   | ug/L   | 98        |
| 18) Methyl tert-butyl Ether   | 5.428  | 73    | 170696   | 31.897   | ug/L   | 99        |
| 19) 1,1-Dichloroethane        | 6.214  | 63    | 138701   | 23.345   | ug/L   | 96        |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96    | 84303    | 22.390   | ug/L # | 99        |
| 22) 2-Butanone                | 7.171  | 43    | 81996    | 82.542   | ug/L   | 94        |
| 23) Bromochloromethane        | 7.513  | 128   | 44177    | 25.053   | ug/L   | 90        |
| 25) Chloroform                | 7.677  | 83    | 157442   | 23.965   | ug/L   | 97        |

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 ALS Vial : 1 Sample Multiplier: 1

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 Quant Title : SFAM01.0  
 QLast Update : Sat May 21 01:30:17 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc    | Units | Dev(Min) |
|-------------------------------|--------|------|----------|---------|-------|----------|
| 27) 1,2-Dichloroethane        | 8.397  | 62   | 118708   | 27.107  | ug/L  | 99       |
| 29) Cyclohexane               | 7.958  | 56   | 61465    | 14.367  | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97   | 120010   | 25.671  | ug/L  | 99       |
| 31) Carbon tetrachloride      | 8.073  | 117  | 93799    | 21.449  | ug/L  | 99       |
| 33) Benzene                   | 8.323  | 78   | 303824   | 26.070  | ug/L  | 100      |
| 34) Trichloroethene           | 9.092  | 95   | 69270    | 21.613  | ug/L  | 97       |
| 35) Methylcyclohexane         | 9.335  | 83   | 55628    | 10.565  | ug/L  | 96       |
| 37) 1,2-Dichloropropane       | 9.366  | 63   | 79745    | 28.276  | ug/L  | 98       |
| 38) Bromodichloromethane      | 9.640  | 83   | 112325   | 28.041  | ug/L  | 99       |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 113321   | 25.914  | ug/L  | 99       |
| 40) 4-Methyl-2-pentanone      | 10.207 | 43   | 172004   | 96.763  | ug/L  | 98       |
| 42) Toluene                   | 10.384 | 91   | 307441   | 23.540  | ug/L  | 98       |
| 44) trans-1,3-Dichloropropene | 10.604 | 75   | 106110   | 27.186  | ug/L  | 100      |
| 45) 1,1,2-Trichloroethane     | 10.786 | 97   | 79448    | 33.699  | ug/L  | 95       |
| 46) Tetrachloroethene         | 10.860 | 164  | 40178    | 16.681  | ug/L  | 93       |
| 48) 2-Hexanone                | 10.963 | 43   | 147540   | 124.223 | ug/L  | 88       |
| 49) Dibromochloromethane      | 11.128 | 129  | 80864    | 28.498  | ug/L  | 92       |
| 50) 1,2-Dibromoethane         | 11.231 | 107  | 76836    | 32.457  | ug/L  | 91       |
| 51) Chlorobenzene             | 11.658 | 112  | 182009   | 21.139  | ug/L  | 97       |
| 52) Ethylbenzene              | 11.731 | 91   | 284043   | 19.549  | ug/L  | 95       |
| 53) m,p-Xylene                | 11.835 | 106  | 101585   | 17.744  | ug/L  | 88       |
| 54) o-Xylene                  | 12.164 | 106  | 106578   | 19.399  | ug/L  | 99       |
| 55) Styrene                   | 12.176 | 104  | 182621   | 19.562  | ug/L  | 100      |
| 57) 1,1,2,2-Tetrachloroethane | 12.713 | 83   | 100012   | 33.963  | ug/L  | 97       |
| 59) Bromoform                 | 12.347 | 173  | 43028    | 45.379  | ug/L  | 99       |
| 60) Isopropylbenzene          | 12.463 | 105  | 225365   | 24.587  | ug/L  | 98       |
| 61) 1,2,3-Trichloropropane    | 12.768 | 75   | 78999    | 59.093  | ug/L  | 98       |
| 62) 1,3,5-Trimethylbenzene    | 12.938 | 105  | 106143   | 20.815  | ug/L  | 98       |
| 63) 1,2,4-Trimethylbenzene    | 13.249 | 105  | 169184   | 22.096  | ug/L  | 98       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 81364    | 19.882  | ug/L  | 94       |
| 65) 1,4-Dichlorobenzene       | 13.573 | 146  | 87825    | 20.777  | ug/L  | 97       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 86225    | 23.025  | ug/L  | 98       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 15376    | 52.627  | ug/L  | 87       |
| 69) 1,3,5-Trichlorobenzene    | 14.627 | 180  | 29294    | 10.784  | ug/L  | 96       |
| 70) 1,2,4-trichlorobenzene    | 15.127 | 180  | 21687    | 9.925   | ug/L  | 98       |
| 71) Naphthalene               | 15.359 | 128  | 110615   | 23.291  | ug/L  | 99       |
| 72) 1,2,3-Trichlorobenzene    | 15.548 | 180  | 20879    | 10.781  | ug/L  | 98       |

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

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