

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061924\  
 Data File : VW029203.D  
 Acq On : 19 Jun 2024 10:33  
 Operator : SY/MD  
 Sample : P2934-23  
 Misc : 5.00g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4DJ4

Quant Time: Jun 20 01:54:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM061824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Jun 20 00:39:34 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 252480   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 239360   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 118494   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 78263    | 22.395   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 89.600%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 62768    | 21.269   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 85.080%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 37336    | 22.128   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 88.520%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 48763    | 46.639   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 93.280%  |
| 24) Chloroform-d              | 7.648  | 84    | 159096   | 21.124   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 84.480%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 96291    | 22.268   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 89.080%  |
| 32) Benzene-d6                | 8.270  | 84    | 315266   | 21.685   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 86.720%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 100320   | 21.707   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 86.840%  |
| 41) Toluene-d8                | 10.319 | 98    | 292516   | 22.741   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 90.960%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 41620    | 22.348   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 89.400%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 35387    | 48.844   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 97.680%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 81693    | 22.210   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 88.840%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152   | 92350    | 22.453   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 89.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 4.045  | 96    | 308441   | 105.432  | ug/L # | 63       |
| 13) Acetone                   | 4.119  | 43    | 181632   | 204.419  | ug/L   | 94       |
| 16) Methylene chloride        | 4.923  | 84    | 167079   | 37.634   | ug/L   | 98       |
| 17) trans-1,2-Dichloroethene  | 5.423  | 96    | 87801    | 27.025   | ug/L   | 93       |
| 18) Methyl tert-butyl Ether   | 5.429  | 73    | 109673   | 21.099   | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 7.173  | 96    | 112946   | 31.526   | ug/L   | 97       |
| 22) 2-Butanone                | 7.167  | 43    | 153392   | 125.939  | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 8.398  | 62    | 180971   | 35.811   | ug/L   | 99       |
| 31) Carbon tetrachloride      | 8.069  | 117   | 369567   | 76.008   | ug/L   | 97       |
| 33) Benzene                   | 8.319  | 78    | 773412   | 53.776   | ug/L   | 100      |
| 34) Trichloroethene           | 9.093  | 95    | 366938   | 95.632   | ug/L   | 95       |
| 37) 1,2-Dichloropropane       | 9.368  | 63    | 194563   | 48.144   | ug/L   | 98       |
| 38) Bromodichloromethane      | 9.642  | 83    | 272528   | 55.155   | ug/L   | 100      |
| 39) cis-1,3-Dichloropropene   | 10.069 | 75    | 316737   | 55.445   | ug/L   | 98       |
| 40) 4-Methyl-2-pentanone      | 10.209 | 43    | 513320   | 204.934  | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 10.605 | 75    | 171810   | 35.618   | ug/L   | 96       |
| 45) 1,1,2-Trichloroethane     | 10.782 | 97    | 118660   | 42.159   | ug/L   | 96       |
| 46) Tetrachloroethene         | 10.861 | 164   | 146392   | 54.578   | ug/L   | 93       |
| 48) 2-Hexanone                | 10.965 | 43    | 209792   | 118.036  | ug/L   | 99       |

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 Quant Title : SFAM01.0  
 QLast Update : Thu Jun 20 00:39:34 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc   | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 49) Dibromochloromethane      | 11.130 | 129  | 84911    | 28.860 | ug/L   | 95       |
| 50) 1,2-Dibromoethane         | 11.233 | 107  | 44593    | 17.650 | ug/L   | 98       |
| 52) Ethylbenzene              | 11.727 | 91   | 1476727  | 87.989 | ug/L   | 97       |
| 53) m,p-Xylene                | 11.837 | 106  | 465484   | 75.932 | ug/L   | 96       |
| 54) o-Xylene                  | 12.160 | 106  | 57209    | 9.985  | ug/L   | 94       |
| 57) 1,1,2,2-Tetrachloroethane | 12.709 | 83   | 62800    | 18.038 | ug/L   | 97       |
| 59) Bromoform                 | 12.349 | 173  | 78859    | 48.557 | ug/L   | 100      |
| 61) 1,2,3-Trichloropropane    | 12.763 | 75   | 172837   | 66.873 | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 13.495 | 146  | 499066   | 73.041 | ug/L   | 90       |
| 65) 1,4-Dichlorobenzene       | 13.574 | 146  | 194610   | 26.770 | ug/L   | 96       |
| 67) 1,2-Dichlorobenzene       | 13.861 | 146  | 512454   | 81.128 | ug/L   | 92       |
| 68) 1,2-Dibromo-3-chloropr... | 14.476 | 75   | 14143    | 23.449 | ug/L # | 90       |
| -----                         |        |      |          |        |        |          |

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

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