

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122821\  
 Data File : VW021674.D  
 Acq On : 28 Dec 2021 14:57  
 Operator : SY/VA  
 Sample : M5174-17  
 Misc : 5.00g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 GBC26

Quant Time: Dec 29 00:25:30 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM122821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Dec 29 00:22:49 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 98606    | 25.000   | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 95018    | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 55509    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.349  | 65    | 48532    | 24.963   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 99.840%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 32248    | 24.627   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 98.520%  |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 65563    | 23.044   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 92.160%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 13309    | 46.791   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 93.580%  |
| 24) Chloroform-d              | 7.647  | 84    | 69202    | 22.467   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 89.880%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 37282    | 22.922   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 91.680%  |
| 32) Benzene-d6                | 8.275  | 84    | 136646   | 24.220   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 96.880%  |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 36827    | 24.062   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 96.240%  |
| 41) Toluene-d8                | 10.323 | 98    | 137462   | 24.454   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 97.800%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 17924    | 24.067   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 96.280%  |
| 47) 2-Hexanone-d5             | 10.921 | 63    | 10950    | 47.174   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 94.340%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 28805    | 22.828   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 91.320%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 50325    | 23.708   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 94.840%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 3) Chloromethane              | 2.215  | 50    | 27291    | 18.071   | ug/L   | 99       |
| 6) Bromomethane               | 2.776  | 94    | 11688    | 8.065    | ug/L   | 99       |
| 9) Trichlorofluoromethane     | 3.251  | 101   | 18905    | 14.107   | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 4.038  | 96    | 29095    | 19.931   | ug/L   | 78       |
| 13) Acetone                   | 4.135  | 43    | 21493    | 88.995   | ug/L   | 94       |
| 15) Methyl Acetate            | 4.672  | 43    | 17592    | 38.177   | ug/L   | # 88     |
| 16) Methylene chloride        | 4.916  | 84    | 17992    | 10.221   | ug/L   | 80       |
| 17) trans-1,2-Dichloroethene  | 5.428  | 96    | 16003    | 10.377   | ug/L   | 85       |
| 18) Methyl tert-butyl Ether   | 5.428  | 73    | 66755    | 31.088   | ug/L   | 93       |
| 20) cis-1,2-Dichloroethene    | 7.171  | 96    | 41708    | 26.055   | ug/L   | 76       |
| 23) Bromochloromethane        | 7.513  | 128   | 11170    | 14.436   | ug/L   | # 67     |
| 27) 1,2-Dichloroethane        | 8.403  | 62    | 17694    | 9.829    | ug/L   | 98       |
| 29) Cyclohexane               | 7.958  | 56    | 22091    | 10.054   | ug/L   | # 80     |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97    | 25808    | 10.294   | ug/L   | 95       |
| 31) Carbon tetrachloride      | 8.074  | 117   | 31594    | 12.960   | ug/L   | 100      |
| 34) Trichloroethene           | 9.092  | 95    | 68102    | 41.379   | ug/L   | 90       |
| 35) Methylcyclohexane         | 9.336  | 83    | 70132    | 25.827   | ug/L   | # 84     |
| 37) 1,2-Dichloropropane       | 9.366  | 63    | 17015    | 13.243   | ug/L   | # 97     |
| 38) Bromodichloromethane      | 9.646  | 83    | 40868    | 20.839   | ug/L   | # 97     |

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 Quant Title : SFAM01.0  
 QLast Update : Wed Dec 29 00:22:49 2021  
 Response via : Initial Calibration

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|-------------------------------|--------|------|----------|--------|--------|----------|
| -----                         |        |      |          |        |        |          |
| 39) cis-1,3-Dichloropropene   | 10.073 | 75   | 35664    | 16.989 | ug/L   | 97       |
| 42) Toluene                   | 10.384 | 91   | 137558   | 20.554 | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 10.604 | 75   | 14588    | 7.734  | ug/L   | 97       |
| 46) Tetrachloroethene         | 10.860 | 164  | 65739    | 42.654 | ug/L   | 95       |
| 48) 2-Hexanone                | 10.969 | 43   | 24439    | 50.844 | ug/L # | 94       |
| 49) Dibromochloromethane      | 11.128 | 129  | 29013    | 20.234 | ug/L   | 98       |
| 52) Ethylbenzene              | 11.731 | 91   | 115754   | 15.409 | ug/L   | 98       |
| 53) m,p-Xylene                | 11.841 | 106  | 30106    | 10.001 | ug/L   | 87       |
| 54) o-Xylene                  | 12.164 | 106  | 34003    | 11.918 | ug/L   | 100      |
| 60) Isopropylbenzene          | 12.463 | 105  | 97276    | 12.571 | ug/L   | 95       |
| 64) 1,3-Dichlorobenzene       | 13.499 | 146  | 74309    | 20.340 | ug/L   | 94       |
| 67) 1,2-Dichlorobenzene       | 13.865 | 146  | 33810    | 10.600 | ug/L   | 96       |
| 68) 1,2-Dibromo-3-chloropr... | 14.481 | 75   | 3859     | 20.632 | ug/L # | 58       |
| -----                         |        |      |          |        |        |          |

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

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