

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122221\  
 Data File : VW021625.D  
 Acq On : 23 Dec 2021 20:41  
 Operator : SY/VA  
 Sample : M5214-07RE  
 Misc : 6.47g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLF4RE

Quant Time: Dec 24 01:47:06 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Dec 24 01:43:02 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.841  | 114   | 88051    | 25.000   | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 87071    | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 48613    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 21725    | 13.547   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 54.200%  |
| 7) Chloroethane-d5            | 2.879  | 69    | 15907    | 15.005   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 60.000%  |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 28839    | 13.489   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 53.960%  |
| 21) 2-Butanone-d5             | 7.098  | 46    | 7829     | 34.634   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 69.260%  |
| 24) Chloroform-d              | 7.646  | 84    | 47589    | 19.394   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 77.560%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 24775    | 18.981   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 75.920%  |
| 32) Benzene-d6                | 8.274  | 84    | 86403    | 18.104   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 72.400%  |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 25278    | 19.749   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 79.000%  |
| 41) Toluene-d8                | 10.323 | 98    | 85411    | 17.515   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 70.080%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 9051     | 15.357   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 61.440%  |
| 47) 2-Hexanone-d5             | 10.926 | 63    | 6743     | 35.626   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 71.260%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 18914    | 17.190   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 68.760%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 35444    | 18.813   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 75.240%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 4.031  | 96    | 3566     | 3.267    | ug/L   | # 1      |
| 16) Methylene chloride        | 4.915  | 84    | 5871     | 4.035    | ug/L   | 86       |
| 19) 1,1-Dichloroethane        | 6.214  | 63    | 3293     | 1.776    | ug/L   | 98       |
| 30) 1,1,1-Trichloroethane     | 7.872  | 97    | 63398    | 32.451   | ug/L   | 95       |
| 34) Trichloroethene           | 9.091  | 95    | 20874    | 15.677   | ug/L   | 86       |
| 46) Tetrachloroethene         | 10.865 | 164   | 101062   | 79.900   | ug/L   | 94       |
| -----                         |        |       |          |          |        |          |

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

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