

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW072621\  
 Data File : VW019598.D  
 Acq On : 26 Jul 2021 15:56  
 Operator : SY/VA  
 Sample : M3162-14  
 Misc : 4.06g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGEW5

Quant Time: Jul 27 01:11:56 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Jul 27 01:09:44 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 368372   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 291803   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 90673    | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 85619    | 16.404   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 65.600%  |
| 7) Chloroethane-d5            | 2.898  | 69    | 80570    | 21.647   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 86.600%  |
| 11) 1,1-Dichloroethene-d2     | 4.025  | 63    | 155296   | 15.421   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 61.680%  |
| 21) 2-Butanone-d5             | 7.086  | 46    | 85108    | 56.181   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 112.360% |
| 24) Chloroform-d              | 7.653  | 84    | 242089   | 23.784   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 95.120%  |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 139090   | 24.901   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 99.600%  |
| 32) Benzene-d6                | 8.281  | 84    | 459768   | 26.469   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 105.880% |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 150515   | 27.802   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 111.200% |
| 41) Toluene-d8                | 10.323 | 98    | 385283   | 24.602   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 98.400%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 53140    | 22.920   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 91.680%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 66286    | 65.995   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 131.980% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.695 | 84    | 124043   | 28.355   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 113.440% |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 83138    | 25.987   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 103.960% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.141  | 43    | 46669    | 41.809   | ug/L   | 87       |
| 22) 2-Butanone                | 7.177  | 43    | 8526     | 4.936    | ug/L   | 94       |
| -----                         |        |       |          |          |        |          |

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

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