

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW082021\  
 Data File : VW019838.D  
 Acq On : 20 Aug 2021 16:57  
 Operator : SY/VA  
 Sample : M3486-07RE  
 Misc : 3.48g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 C0AR9RE

Quant Time: Aug 20 23:36:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081821SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Aug 20 23:32:55 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.848  | 114   | 251989   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.634 | 117   | 213921   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560 | 152   | 63863    | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.361  | 65    | 120494   | 30.862   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 123.440% |
| 7) Chloroethane-d5            | 2.898  | 69    | 99915    | 29.156   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 116.640% |
| 11) 1,1-Dichloroethene-d2     | 4.019  | 63    | 130263   | 19.227   | ug/L  | -0.01    |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 76.920%  |
| 21) 2-Butanone-d5             | 7.080  | 46    | 20432    | 25.764   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 51.520%  |
| 24) Chloroform-d              | 7.653  | 84    | 176766   | 25.507   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 102.040% |
| 26) 1,2-Dichloroethane-d4     | 8.311  | 65    | 86836    | 23.252   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 93.000%  |
| 32) Benzene-d6                | 8.281  | 84    | 333432   | 27.337   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 109.360% |
| 36) 1,2-Dichloropropane-d6    | 9.274  | 67    | 101862   | 27.577   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 110.320% |
| 41) Toluene-d8                | 10.329 | 98    | 281087   | 25.147   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 100.600% |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 29434    | 19.289   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 77.160%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 12018    | 23.356   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 46.720%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688 | 84    | 59214    | 19.697   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 78.800%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 55830    | 25.486   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 101.960% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 4.915  | 84    | 24856    | 5.747    | ug/L  | 96       |
| 42) Toluene                   | 10.390 | 91    | 4716     | 0.339    | ug/L  | 83       |
| -----                         |        |       |          |          |       |          |

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

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