

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121321\  
 Data File : VW021359.D  
 Acq On : 13 Dec 2021 13:26  
 Operator : SY/VA  
 Sample : M4887-13  
 Misc : 5.06g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 VHBLK001

Quant Time: Dec 14 00:35:41 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120921SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Dec 14 00:34:04 2021  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units      | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|------------|----------|
| -----                         |        |       |          |          |            |          |
| Internal Standards            |        |       |          |          |            |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 89006    | 25.000   | ug/L       | # 0.00   |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 84968    | 25.000   | ug/L       | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 46263    | 25.000   | ug/L       | 0.00     |
| System Monitoring Compounds   |        |       |          |          |            |          |
| 4) Vinyl Chloride-d3          | 2.343  | 65    | 45619    | 28.142   | ug/L       | -0.01    |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | = 112.560% |          |
| 7) Chloroethane-d5            | 2.879  | 69    | 31831    | 29.703   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | = 118.800% |          |
| 11) 1,1-Dichloroethene-d2     | 4.013  | 63    | 41862    | 19.370   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | = 77.480%  |          |
| 21) 2-Butanone-d5             | 7.092  | 46    | 11467    | 50.184   | ug/L       | 0.01     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | = 100.360% |          |
| 24) Chloroform-d              | 7.647  | 84    | 62266    | 25.103   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | = 100.400% |          |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 33798    | 25.616   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | = 102.480% |          |
| 32) Benzene-d6                | 8.275  | 84    | 120588   | 25.892   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | = 103.560% |          |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 32326    | 25.880   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | = 103.520% |          |
| 41) Toluene-d8                | 10.323 | 98    | 116675   | 24.519   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | = 98.080%  |          |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 15166    | 26.370   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | = 105.480% |          |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 9618     | 52.073   | ug/L       | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | = 104.140% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 28401    | 26.451   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | = 105.800% |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 43718    | 24.383   | ug/L       | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | = 97.520%  |          |

Target Compounds Qvalue

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

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