

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW011122\  
 Data File : VW021843.D  
 Acq On : 11 Jan 2022 19:44  
 Operator : SY/VA  
 Sample : N1084-04  
 Misc : 6.28g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BGLM7

Quant Time: Jan 12 00:51:55 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM011122SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jan 12 00:49:08 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842  | 114   | 136503   | 25.000   | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.628 | 117   | 102354   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554 | 152   | 29966    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.355  | 65    | 40935    | 16.134   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 64.520%  |
| 7) Chloroethane-d5            | 2.885  | 69    | 32588    | 14.224   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 56.880%  |
| 11) 1,1-Dichloroethene-d2     | 4.032  | 63    | 106620   | 26.618   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 106.480% |
| 21) 2-Butanone-d5             | 7.086  | 46    | 19254    | 53.766   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 107.540% |
| 24) Chloroform-d              | 7.653  | 84    | 91764    | 20.809   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 83.240%  |
| 26) 1,2-Dichloroethane-d4     | 8.305  | 65    | 44694    | 20.988   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 83.960%  |
| 32) Benzene-d6                | 8.275  | 84    | 168212   | 25.327   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 101.320% |
| 36) 1,2-Dichloropropane-d6    | 9.275  | 67    | 46322    | 26.462   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 105.840% |
| 41) Toluene-d8                | 10.323 | 98    | 147779   | 22.073   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 88.280%  |
| 43) trans-1,3-Dichloroprop... | 10.579 | 79    | 15245    | 20.512   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 82.040%  |
| 47) 2-Hexanone-d5             | 10.927 | 63    | 13525    | 56.940   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 113.880% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689 | 84    | 28480    | 20.806   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 83.240%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.853 | 152   | 24888    | 20.199   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 80.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 2.361  | 62    | 4774     | 1.703    | ug/L   | # 39     |
| 8) Chloroethane               | 2.922  | 64    | 15319    | 9.044    | ug/L   | 95       |
| 12) 1,1-Dichloroethene        | 4.038  | 96    | 114424   | 56.159   | ug/L   | # 62     |
| 13) Acetone                   | 4.129  | 43    | 24369    | 82.367   | ug/L   | 83       |
| 19) 1,1-Dichloroethane        | 6.220  | 63    | 5097322  | 1578.715 | ug/L   | 97       |
| 22) 2-Butanone                | 7.171  | 43    | 3834     | 10.138   | ug/L   | 81       |
| 27) 1,2-Dichloroethane        | 8.403  | 62    | 7419     | 3.354    | ug/L   | # 91     |
| -----                         |        |       |          |          |        |          |

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

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