

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW063023\  
 Data File : VW026471.D  
 Acq On : 30 Jun 2023 14:41  
 Operator : SY/MD  
 Sample : 03478-04  
 Misc : 3.90g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YBW62

Quant Time: Jun 30 23:41:45 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM062923SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 30 23:38:58 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 1174660  | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 1000361  | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 442146   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 249605   | 18.662   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 74.640%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 207788   | 19.079   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 76.320%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 133711   | 19.981   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 79.920%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 183969   | 36.397   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 72.800%  |
| 24) Chloroform-d              | 7.648  | 84    | 597433   | 20.866   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 83.480%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 321313   | 20.531   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 82.120%  |
| 32) Benzene-d6                | 8.276  | 84    | 1285085  | 22.088   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 88.360%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 407513   | 21.977   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 87.920%  |
| 41) Toluene-d8                | 10.325 | 98    | 1120097  | 21.795   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 87.200%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 149671   | 20.025   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 80.080%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 125023   | 40.317   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 80.640%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 292035   | 20.397   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 81.600%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.854 | 152   | 315804   | 20.513   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 82.040%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 4.039  | 96    | 15219    | 1.157    | ug/L   | # 1      |
| 13) Acetone                   | 4.131  | 43    | 12729    | 3.565    | ug/L   | 94       |
| 16) Methylene chloride        | 4.923  | 84    | 36128    | 1.820    | ug/L   | 98       |
| 34) Trichloroethene           | 9.093  | 95    | 14398    | 0.902    | ug/L   | 91       |
| 46) Tetrachloroethene         | 10.861 | 164   | 13949    | 1.236    | ug/L   | 93       |
| -----                         |        |       |          |          |        |          |

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

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