

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW081423\  
 Data File : VW026737.D  
 Acq On : 14 Aug 2023 15:41  
 Operator : SY/MD  
 Sample : 03968-34  
 Misc : 5.22g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A48Q2

Quant Time: Aug 14 23:27:58 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM081023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Aug 14 23:23:26 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 714617   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 572912   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 184753   | 25.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 167041   | 14.219   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 56.880%   |
| 7) Chloroethane-d5            | 2.899  | 69    | 140792   | 16.117   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 64.480%   |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 101015   | 17.483   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 69.920%   |
| 21) 2-Butanone-d5             | 7.075  | 46    | 159085   | 47.116   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 94.240%   |
| 24) Chloroform-d              | 7.648  | 84    | 502941   | 20.969   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 83.880%   |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 306735   | 23.174   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 92.680%   |
| 32) Benzene-d6                | 8.276  | 84    | 981697   | 24.863   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 99.440%   |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 328908   | 26.742   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 106.960%  |
| 41) Toluene-d8                | 10.325 | 98    | 783806   | 23.125   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 92.520%   |
| 43) trans-1,3-Dichloroprop... | 10.581 | 79    | 119144   | 23.462   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 93.840%   |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 69356    | 53.667   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 107.340%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 262341   | 27.009   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 108.040%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.854 | 152   | 152160   | 23.010   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 92.040%   |
| Target Compounds              |        |       |          |          |       |           |
| 16) Methylene chloride        | 4.929  | 84    | 30234    | 2.187    | ug/L  | Qvalue 97 |
| -----                         |        |       |          |          |       |           |

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

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