

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071824\  
 Data File : VW029630.D  
 Acq On : 18 Jul 2024 13:53  
 Operator : SY/MD  
 Sample : P3264-08  
 Misc : 5.48g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4BD8

Quant Time: Jul 19 01:13:46 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM070824SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jul 19 01:07:26 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   | 482217   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 400804   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.550 | 152   | 162848   | 25.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 77683    | 9.972    | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 39.880%   |
| 7) Chloroethane-d5            | 2.899  | 69    | 65488    | 11.675   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 46.720%   |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 39064    | 11.167   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 44.680%#  |
| 21) 2-Butanone-d5             | 7.081  | 46    | 30979    | 13.248   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 26.500%   |
| 24) Chloroform-d              | 7.648  | 84    | 173631   | 12.455   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 49.840%   |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 98056    | 11.992   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 47.960%#  |
| 32) Benzene-d6                | 8.270  | 84    | 323562   | 13.476   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 53.920%   |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 108506   | 14.134   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 56.520%#  |
| 41) Toluene-d8                | 10.319 | 98    | 273013   | 12.929   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 51.720%   |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 31834    | 9.792    | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 39.160%   |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 19951    | 14.302   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 28.600%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 70332    | 11.284   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 45.120%   |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 71366    | 12.584   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 50.320%#  |
| Target Compounds              |        |       |          |          |       |           |
| 16) Methylene chloride        | 4.917  | 84    | 24198    | 2.803    | ug/L  | Qvalue 94 |
| -----                         |        |       |          |          |       |           |

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

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