

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092024\  
 Data File : VW030184.D  
 Acq On : 20 Sep 2024 18:50  
 Operator : SY/MD  
 Sample : P4109-20  
 Misc : 4.93g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4EW2

Quant Time: Sep 20 23:57:02 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091624SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Sep 20 23:43:18 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 455950   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 263480   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.550 | 152   | 59586    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.369  | 65    | 106518   | 18.090   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 72.360%   |
| 7) Chloroethane-d5            | 2.899  | 69    | 87611    | 21.076   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 84.320%   |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 51225    | 17.411   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 69.640%   |
| 21) 2-Butanone-d5             | 7.075  | 46    | 72493    | 50.845   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 101.700%  |
| 24) Chloroform-d              | 7.648  | 84    | 237019   | 18.906   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 75.640%   |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 130112   | 20.668   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 82.680%   |
| 32) Benzene-d6                | 8.276  | 84    | 473465   | 31.193   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 124.760%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 143909   | 30.707   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 122.840%# |
| 41) Toluene-d8                | 10.319 | 98    | 345254   | 25.382   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 101.520%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 47023    | 25.044   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 100.160%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 61440    | 85.675   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 171.360%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 84404    | 24.191   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 96.760%   |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152   | 39735    | 19.644   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 78.560%   |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.119  | 43    | 65886    | 40.278   | ug/L   | 97        |
| 22) 2-Butanone                | 7.179  | 43    | 25318    | 13.075   | ug/L   | 92        |
| -----                         |        |       |          |          |        |           |

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

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