

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW092324\  
 Data File : VW030199.D  
 Acq On : 23 Sep 2024 14:54  
 Operator : SY/MD  
 Sample : P4109-22  
 Misc : 5.65g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4EW7

Quant Time: Sep 24 01:19:06 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM091624SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Sep 24 01:15:59 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 345240   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 320228   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 154430   | 25.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 97389    | 21.844   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 87.360%   |
| 7) Chloroethane-d5            | 2.905  | 69    | 78862    | 25.055   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 100.200%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 43264    | 19.421   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 77.680%   |
| 21) 2-Butanone-d5             | 7.081  | 46    | 47161    | 43.685   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 87.360%   |
| 24) Chloroform-d              | 7.648  | 84    | 198628   | 20.924   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 83.680%   |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 107543   | 22.561   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 90.240%   |
| 32) Benzene-d6                | 8.276  | 84    | 393272   | 21.318   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 85.280%   |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 119352   | 20.954   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 83.800%   |
| 41) Toluene-d8                | 10.325 | 98    | 363966   | 22.016   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 88.080%   |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 46030    | 20.171   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 80.680%   |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 39552    | 45.380   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 90.760%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 92062    | 21.710   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 86.840%   |
| 66) 1,2-Dichlorobenzene-d4    | 13.855 | 152   | 122772   | 23.419   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 93.680%   |
| Target Compounds              |        |       |          |          |       |           |
| 16) Methylene chloride        | 4.929  | 84    | 14708    | 2.889    | ug/L  | Qvalue 94 |
| -----                         |        |       |          |          |       |           |

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

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