

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW101624\  
 Data File : VW030621.D  
 Acq On : 16 Oct 2024 19:13  
 Operator : SY/MD  
 Sample : P4414-11  
 Misc : 5.08g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A4FA2

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 10/17/2024  
 Supervised By :Semsettin Yesilyurt 10/17/2024

Quant Time: Oct 17 01:56:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM100924SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Oct 17 01:53:12 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 2995     | 25.000   | ug/L  | # 0.00    |
| 28) Chlorobenzene-d5          | 11.635 | 117   | 2474     | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.562 | 152   | 655      | 25.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.357  | 65    | 932      | 19.797   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 79.200%   |
| 7) Chloroethane-d5            | 2.893  | 69    | 1052     | 29.521   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 118.080%  |
| 11) 1,1-Dichloroethene-d2     | 4.027  | 65    | 509m     | 25.995   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 104.000%  |
| 21) 2-Butanone-d5             | 0.000  | 46    | 0d       | 0.000    | ug/L  |           |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 0.000%#   |
| 24) Chloroform-d              | 7.654  | 84    | 2685m    | 31.348   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 125.400%  |
| 26) 1,2-Dichloroethane-d4     | 8.313  | 65    | 1533m    | 34.420   | ug/L  | 0.01      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 137.680%# |
| 32) Benzene-d6                | 8.276  | 84    | 3296     | 22.954   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 91.800%   |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 1328     | 31.510   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 126.040%# |
| 41) Toluene-d8                | 10.325 | 98    | 1759     | 13.419   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 53.680%   |
| 43) trans-1,3-Dichloroprop... | 10.587 | 79    | 282m     | 15.979   | ug/L  | 0.01      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 63.920%   |
| 47) 2-Hexanone-d5             | 0.000  | 63    | 0d       | 0.000    | ug/L  |           |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 0.000%#   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.696 | 84    | 1014     | 32.761   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 131.040%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.861 | 152   | 522m     | 23.553   | ug/L  | 0.01      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 94.200%   |

Target Compounds Qvalue

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

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