

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121324\  
 Data File : VW031244.D  
 Acq On : 13 Dec 2024 18:09  
 Operator : SY/MD  
 Sample : P5232-16  
 Misc : 9.42g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E28T0

Quant Time: Dec 14 00:47:52 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Dec 14 00:44:31 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.837  | 114   | 804299   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.623 | 117   | 481757   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.550 | 152   | 121426   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 253146   | 20.918   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 83.680%  |
| 7) Chloroethane-d5            | 2.899  | 69    | 190356   | 21.264   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 85.040%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 110654   | 19.276   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 77.120%  |
| 21) 2-Butanone-d5             | 7.112  | 46    | 29088    | 12.763   | ug/L  | 0.01     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 25.520%  |
| 24) Chloroform-d              | 7.648  | 84    | 412432   | 18.715   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 74.880%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 231719   | 20.937   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 83.760%  |
| 32) Benzene-d6                | 8.270  | 84    | 758117   | 24.552   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 98.200%  |
| 36) 1,2-Dichloropropane-d6    | 9.270  | 67    | 239981   | 26.667   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 106.680% |
| 41) Toluene-d8                | 10.319 | 98    | 556492   | 19.373   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 77.480%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 54756    | 13.196   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 52.800%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 26843    | 22.180   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 44.360%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 121076   | 21.428   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 85.720%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.848 | 152   | 76370    | 16.942   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 67.760%# |

Target Compounds Qvalue

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

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