

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051123\  
 Data File : VW025944.D  
 Acq On : 11 May 2023 10:14  
 Operator : SY/MD  
 Sample : 02689-14  
 Misc : 2.75g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 JREM9

Quant Time: May 12 05:37:20 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050123SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 05 23:47:36 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.843  | 114   | 873247   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629 | 117   | 640364   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556 | 152   | 172117   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.363  | 65    | 241300   | 19.500   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 78.000%  |
| 7) Chloroethane-d5            | 2.893  | 69    | 178772   | 19.487   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 77.960%  |
| 11) 1,1-Dichloroethene-d2     | 4.021  | 65    | 117886   | 19.025   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 76.120%  |
| 21) 2-Butanone-d5             | 7.075  | 46    | 135445   | 33.109   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 66.220%  |
| 24) Chloroform-d              | 7.648  | 84    | 501530   | 19.918   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 79.680%  |
| 26) 1,2-Dichloroethane-d4     | 8.307  | 65    | 273950   | 19.240   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 76.960%  |
| 32) Benzene-d6                | 8.276  | 84    | 1013507  | 24.222   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 96.880%  |
| 36) 1,2-Dichloropropane-d6    | 9.276  | 67    | 330416   | 24.681   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 98.720%  |
| 41) Toluene-d8                | 10.325 | 98    | 817222   | 21.902   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 87.600%  |
| 43) trans-1,3-Dichloroprop... | 10.575 | 79    | 106712   | 19.664   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 78.640%  |
| 47) 2-Hexanone-d5             | 10.922 | 63    | 87482    | 38.321   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 76.640%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690 | 84    | 182270   | 17.863   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 71.440%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.849 | 152   | 128185   | 20.430   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 81.720%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.119  | 43    | 72063    | 19.866   | ug/L   | 100      |
| 16) Methylene chloride        | 4.917  | 84    | 35105    | 1.949    | ug/L   | 93       |
| 22) 2-Butanone                | 7.173  | 43    | 28541    | 5.698    | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 13.251 | 105   | 10399    | 0.544    | ug/L   | 96       |
| -----                         |        |       |          |          |        |          |

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

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