

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD092724\  
 Data File : VD079920.D  
 Acq On : 27 Sep 2024 14:13  
 Operator : RP/MD  
 Sample : P4162-16RE  
 Misc : 5.46G/10ml/MSVOA\_D/SOIL/B  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A4EJ1RE

Quant Time: Sep 27 23:39:03 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM091024SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Sep 27 23:37:15 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|--------|-----------|
| -----                         |        |       |          |          |        |           |
| Internal Standards            |        |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 141985   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 80010    | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 13682    | 25.000   | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.275  | 65    | 121365   | 19.657   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 78.640%   |
| 7) Chloroethane-d5            | 2.799  | 69    | 118693   | 24.282   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 97.120%   |
| 11) 1,1-Dichloroethene-d2     | 3.916  | 65    | 19823    | 17.684   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 70.720%   |
| 21) 2-Butanone-d5             | 6.987  | 46    | 25213    | 43.953   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 87.900%   |
| 24) Chloroform-d              | 7.569  | 84    | 104306   | 22.348   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 89.400%   |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 57481    | 23.552   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 94.200%   |
| 32) Benzene-d6                | 8.198  | 84    | 191415   | 33.887   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 135.560%# |
| 36) 1,2-Dichloropropane-d6    | 9.204  | 67    | 63883    | 36.926   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 147.720%# |
| 41) Toluene-d8                | 10.269 | 98    | 120930   | 24.329   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 97.320%   |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 21932    | 29.487   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 117.960%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 18234    | 64.656   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 129.320%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 29524    | 23.224   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 92.880%   |
| 66) 1,2-Dichlorobenzene-d4    | 13.810 | 152   | 11346    | 21.989   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 87.960%   |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          |          | Qvalue |           |
| 13) Acetone                   | 4.022  | 43    | 11832    | 16.918   | ug/L   | 91        |
| 22) 2-Butanone                | 7.093  | 43    | 4710     | 5.741    | ug/L # | 59        |
| -----                         |        |       |          |          |        |           |

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

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