

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD063023\  
 Data File : VD076669.D  
 Acq On : 30 Jun 2023 18:20  
 Operator : KP/SY  
 Sample : 03472-23  
 Misc : 5.26G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A46R4

Quant Time: Jul 03 01:31:44 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM061523SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 16 01:50:34 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.775  | 114   | 352313   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 290329   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 107069   | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.270  | 65    | 88451    | 10.309   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 41.240%  |
| 7) Chloroethane-d5            | 2.793  | 69    | 95274    | 13.733   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 54.920%  |
| 11) 1,1-Dichloroethene-d2     | 3.911  | 65    | 30787    | 13.747   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 55.000%  |
| 21) 2-Butanone-d5             | 6.987  | 46    | 75893    | 58.406   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 116.820% |
| 24) Chloroform-d              | 7.569  | 84    | 183817   | 19.803   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 79.200%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 106017   | 23.153   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 92.600%  |
| 32) Benzene-d6                | 8.199  | 84    | 327268   | 18.427   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 73.720%  |
| 36) 1,2-Dichloropropane-d6    | 9.204  | 67    | 117317   | 20.695   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 82.760%  |
| 41) Toluene-d8                | 10.269 | 98    | 279669   | 17.007   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 68.040%  |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 48420    | 20.535   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 82.160%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 56080    | 63.728   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 127.460% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 107158   | 26.569   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 106.280% |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 74675    | 19.028   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 76.120%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.022  | 43    | 30947    | 29.487   | ug/L   | 90       |
| 22) 2-Butanone                | 7.081  | 43    | 13749    | 8.118    | ug/L   | 99       |
| -----                         |        |       |          |          |        |          |

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

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