

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062923\  
 Data File : VD076641.D  
 Acq On : 29 Jun 2023 16:25  
 Operator : KP/SY  
 Sample : 03458-18  
 Misc : 4.63G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A46N1

Quant Time: Jun 30 01:16:06 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   | 412186   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 297068   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 87254    | 25.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.264  | 65    | 111062   | 11.064   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 44.240%  |
| 7) Chloroethane-d5            | 2.793  | 69    | 112721   | 13.888   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 55.560%  |
| 11) 1,1-Dichloroethene-d2     | 3.905  | 65    | 37928    | 14.475   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 57.920%  |
| 21) 2-Butanone-d5             | 6.981  | 46    | 86528    | 56.918   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 113.840% |
| 24) Chloroform-d              | 7.569  | 84    | 209686   | 19.309   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 77.240%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 120218   | 22.440   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 89.760%  |
| 32) Benzene-d6                | 8.199  | 84    | 367563   | 20.227   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 80.920%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 128789   | 22.203   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 88.800%  |
| 41) Toluene-d8                | 10.269 | 98    | 296692   | 17.633   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 70.520%  |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 50292    | 20.845   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 83.400%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 58451    | 64.916   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 129.840% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.646 | 84    | 102727   | 24.893   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 99.560%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 64166    | 20.063   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 80.240%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.023  | 43    | 69936    | 56.957   | ug/L   | 91       |
| 22) 2-Butanone                | 7.081  | 43    | 35859    | 18.097   | ug/L   | # 72     |
| -----                         |        |       |          |          |        |          |

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

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