

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062823\  
 Data File : VD076614.D  
 Acq On : 28 Jun 2023 14:05  
 Operator : KP/SY  
 Sample : 03422-16  
 Misc : 5.51G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A46L0

Quant Time: Jun 29 01:30:15 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   | 306162   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.580 | 117   | 284200   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 125772   | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.269  | 65    | 79894    | 10.716   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 42.880%  |
| 7) Chloroethane-d5            | 2.793  | 69    | 80387    | 13.334   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 53.320%  |
| 11) 1,1-Dichloroethene-d2     | 3.916  | 65    | 26488    | 13.610   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 54.440%  |
| 21) 2-Butanone-d5             | 6.987  | 46    | 60042    | 53.173   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 106.340% |
| 24) Chloroform-d              | 7.563  | 84    | 141932   | 17.596   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 70.400%  |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 78782    | 19.798   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 79.200%  |
| 32) Benzene-d6                | 8.198  | 84    | 266997   | 15.358   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 61.440%  |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 94148    | 16.966   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 67.880%# |
| 41) Toluene-d8                | 10.269 | 98    | 239624   | 14.886   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 59.560%  |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 37360    | 16.186   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 64.760%  |
| 47) 2-Hexanone-d5             | 10.881 | 63    | 42548    | 49.394   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 98.780%  |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 91126    | 23.082   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 92.320%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 84611    | 18.353   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 73.400%# |

Target Compounds Qvalue

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

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