

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062823\  
 Data File : VD076621.D  
 Acq On : 28 Jun 2023 17:26  
 Operator : KP/SY  
 Sample : 03422-24  
 Misc : 5.68G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A46G3

Quant Time: Jun 29 01:31:04 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   | 350520   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 304154   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 126906   | 25.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 2.264  | 65    | 89614    | 10.498   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 42.000%   |
| 7) Chloroethane-d5            | 2.787  | 69    | 90884    | 13.167   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 52.680%   |
| 11) 1,1-Dichloroethene-d2     | 3.911  | 65    | 28878    | 12.960   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 51.840%   |
| 21) 2-Butanone-d5             | 6.987  | 46    | 62971    | 48.710   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 97.420%   |
| 24) Chloroform-d              | 7.569  | 84    | 159998   | 17.326   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 69.320%   |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 85715    | 18.815   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 75.240%   |
| 32) Benzene-d6                | 8.199  | 84    | 295374   | 15.875   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 63.520%   |
| 36) 1,2-Dichloropropane-d6    | 9.205  | 67    | 106014   | 17.851   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 71.400%   |
| 41) Toluene-d8                | 10.269 | 98    | 260682   | 15.132   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 60.520%   |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 39439    | 15.966   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 63.880%   |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 44612    | 48.392   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 96.780%   |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 93824    | 22.206   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 88.840%   |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 83089    | 17.862   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 71.440%#  |
| Target Compounds              |        |       |          |          |       |           |
| 13) Acetone                   | 4.022  | 43    | 5826     | 5.580    | ug/L  | Qvalue 77 |
| -----                         |        |       |          |          |       |           |

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

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