

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD120423\  
 Data File : VD077742.D  
 Acq On : 04 Dec 2023 14:32  
 Operator : JC/SY  
 Sample : 04929-17  
 Misc : 5.06G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 2 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 C0AY8

Quant Time: Dec 05 00:07:05 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM112923SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Dec 05 00:04:05 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.781  | 114   | 448765   | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.587 | 117   | 372913   | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522 | 152   | 117878   | 25.000   | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 2.281  | 65    | 253828   | 20.741   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 82.960%  |
| 7) Chloroethane-d5            | 2.811  | 69    | 218147   | 22.364   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 89.440%  |
| 11) 1,1-Dichloroethene-d2     | 3.928  | 65    | 67035    | 21.126   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 84.520%  |
| 21) 2-Butanone-d5             | 6.987  | 46    | 70708    | 45.715   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 91.440%  |
| 24) Chloroform-d              | 7.575  | 84    | 281223   | 23.251   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 93.000%  |
| 26) 1,2-Dichloroethane-d4     | 8.234  | 65    | 148129   | 24.172   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 96.680%  |
| 32) Benzene-d6                | 8.205  | 84    | 582103   | 25.918   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 103.680% |
| 36) 1,2-Dichloropropane-d6    | 9.216  | 67    | 182227   | 26.592   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 106.360% |
| 41) Toluene-d8                | 10.269 | 98    | 512941   | 24.813   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 99.240%  |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 74536    | 24.597   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 98.400%  |
| 47) 2-Hexanone-d5             | 10.881 | 63    | 68571    | 58.070   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 116.140% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 124768   | 25.196   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 100.800% |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 103557   | 24.557   | ug/L   | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 98.240%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          | Qvalue |          |
| 13) Acetone                   | 4.028  | 43    | 7011     | 3.538    | ug/L   | 70       |
| 51) Chlorobenzene             | 11.610 | 112   | 280283   | 17.533   | ug/L   | 96       |
| 64) 1,3-Dichlorobenzene       | 13.457 | 146   | 2666     | 0.350    | ug/L # | 87       |
| 65) 1,4-Dichlorobenzene       | 13.540 | 146   | 8574     | 1.086    | ug/L   | 94       |
| -----                         |        |       |          |          |        |          |

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

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