

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD113023\  
 Data File : VD077709.D  
 Acq On : 30 Nov 2023 16:28  
 Operator : JC/SY  
 Sample : 04929-04  
 Misc : 2.17G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 C0AQ2

Quant Time: Nov 30 23:01:24 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM112923SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Thu Nov 30 23:00:23 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.781  | 114   | 323596   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.587 | 117   | 237779   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 65351    | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 2.281  | 65    | 207594   | 23.524   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 94.080%  |
| 7) Chloroethane-d5            | 2.805  | 69    | 169541   | 24.104   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 96.400%  |
| 11) 1,1-Dichloroethene-d2     | 3.922  | 65    | 48344    | 21.128   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 84.520%  |
| 21) 2-Butanone-d5             | 6.987  | 46    | 56406    | 50.575   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 101.140% |
| 24) Chloroform-d              | 7.569  | 84    | 197107   | 22.600   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 90.400%  |
| 26) 1,2-Dichloroethane-d4     | 8.234  | 65    | 107490   | 24.325   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 97.320%  |
| 32) Benzene-d6                | 8.205  | 84    | 399116   | 27.870   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 111.480% |
| 36) 1,2-Dichloropropane-d6    | 9.210  | 67    | 126330   | 28.912   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 115.640% |
| 41) Toluene-d8                | 10.269 | 98    | 318162   | 24.137   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 96.560%  |
| 43) trans-1,3-Dichloroprop... | 10.528 | 79    | 50702    | 26.240   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 104.960% |
| 47) 2-Hexanone-d5             | 10.881 | 63    | 46505    | 61.765   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 123.540% |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 76964    | 24.375   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 97.520%  |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 50835    | 21.744   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 86.960%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 13) Acetone                   | 4.034  | 43    | 14489    | 10.139   | ug/L  | 95       |
| 51) Chlorobenzene             | 11.610 | 112   | 126421   | 12.403   | ug/L  | 98       |
| 64) 1,3-Dichlorobenzene       | 13.463 | 146   | 23675    | 5.612    | ug/L  | 96       |
| 65) 1,4-Dichlorobenzene       | 13.540 | 146   | 70338    | 16.069   | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene       | 13.834 | 146   | 17348    | 4.570    | ug/L  | 97       |
| -----                         |        |       |          |          |       |          |

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

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