

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD061523\  
 Data File : VD076443.D  
 Acq On : 15 Jun 2023 17:36  
 Operator : KP/SY  
 Sample : 03236-13  
 Misc : 5.12G/10.00ml/MSVOA\_D/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 YBTZ6

Quant Time: Jun 16 02:00:12 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   | 103946   | 25.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 11.581 | 117   | 104783   | 25.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 13.516 | 152   | 50935    | 25.000   | ug/L   | 0.00      |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 2.269  | 65    | 36120    | 14.269   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 57.080%   |
| 7) Chloroethane-d5            | 2.793  | 69    | 37190    | 18.169   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =      | 72.680%   |
| 11) 1,1-Dichloroethene-d2     | 3.916  | 65    | 10943    | 16.561   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =      | 66.240%   |
| 21) 2-Butanone-d5             | 6.987  | 46    | 58167    | 151.724  | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 303.440%# |
| 24) Chloroform-d              | 7.563  | 84    | 65548    | 23.935   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =      | 95.760%   |
| 26) 1,2-Dichloroethane-d4     | 8.228  | 65    | 46649    | 34.529   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =      | 138.120%# |
| 32) Benzene-d6                | 8.199  | 84    | 127055   | 19.822   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =      | 79.280%   |
| 36) 1,2-Dichloropropane-d6    | 9.204  | 67    | 51392    | 25.118   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =      | 100.480%  |
| 41) Toluene-d8                | 10.269 | 98    | 111199   | 18.736   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =      | 74.960%   |
| 43) trans-1,3-Dichloroprop... | 10.522 | 79    | 24759    | 29.094   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =      | 116.360%  |
| 47) 2-Hexanone-d5             | 10.875 | 63    | 41043    | 129.230  | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =      | 258.460%# |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651 | 84    | 70506    | 48.438   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =      | 193.760%# |
| 66) 1,2-Dichlorobenzene-d4    | 13.816 | 152   | 47795    | 25.600   | ug/L   | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =      | 102.400%  |
| Target Compounds              |        |       |          |          |        |           |
|                               |        |       |          |          | Qvalue |           |
| 16) Methylene chloride        | 4.799  | 84    | 4824     | 2.670    | ug/L   | 77        |
| 34) Trichloroethene           | 9.028  | 95    | 7074     | 3.971    | ug/L   | 92        |
| 46) Tetrachloroethene         | 10.804 | 164   | 756      | 0.540    | ug/L   | 79        |
| -----                         |        |       |          |          |        |           |

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

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