

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062823\  
 Data File : VD076622.D  
 Acq On : 28 Jun 2023 17:56  
 Operator : KP/SY  
 Sample : 03422-22  
 Misc : 4.50G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 17 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A46G1

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 06/29/2023  
 Supervised By :Mahesh Dadoda 06/29/2023

Quant Time: Jun 29 01:31:12 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        | 8.781          | 114  | 18823      | 25.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581         | 117  | 13817      | 25.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.522         | 152  | 4389       | 25.000    | ug/L   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 4) Vinyl Chloride-d3          | 2.264          | 65   | 5961       | 13.004    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 52.000%   |        |          |
| 7) Chloroethane-d5            | 2.793          | 69   | 6227       | 16.800    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 67.200%   |        |          |
| 11) 1,1-Dichloroethene-d2     | 3.916          | 65   | 1906       | 15.929    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 63.720%   |        |          |
| 21) 2-Butanone-d5             | 6.993          | 46   | 12485      | 179.840   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 359.680%# |        |          |
| 24) Chloroform-d              | 7.557          | 84   | 11957m     | 24.111    | ug/L   | -0.01    |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 96.440%   |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.228          | 65   | 8441       | 34.503    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 138.000%# |        |          |
| 32) Benzene-d6                | 8.193          | 84   | 18381      | 21.747    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 87.000%   |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.210          | 67   | 8262       | 30.624    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 122.480%# |        |          |
| 41) Toluene-d8                | 10.263         | 98   | 13096      | 16.734    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 66.920%   |        |          |
| 43) trans-1,3-Dichloroprop... | 10.522         | 79   | 3160       | 28.160    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 112.640%  |        |          |
| 47) 2-Hexanone-d5             | 10.881         | 63   | 7033       | 167.935   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 335.880%# |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.645         | 84   | 9818       | 51.151    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 204.600%# |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.810         | 152  | 3362       | 20.898    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 83.600%   |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           | Qvalue |          |
| 13) Acetone                   | 4.034          | 43   | 12493m     | 222.802   | ug/L   |          |
| 22) 2-Butanone                | 7.093          | 43   | 5707m      | 63.068    | ug/L   |          |
| -----                         |                |      |            |           |        |          |

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

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