

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD052424\  
 Data File : VD079018.D  
 Acq On : 24 May 2024 14:59  
 Operator : RP/MD  
 Sample : P2570-21  
 Misc : 5.42G/10ml/MSVOA\_D/SOIL/VIAL A  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 BH653

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 05/30/2024  
 Supervised By :Semsettin Yesilyurt 05/30/2024

Quant Time: May 24 23:26:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM051724SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 24 02:12:30 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.775          | 114  | 112319     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581         | 117  | 86351      | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516         | 152  | 21898      | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.270          | 65   | 44347      | 16.106   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 64.440%  |        |          |
| 7) Chloroethane-d5            | 2.799          | 69   | 54296      | 18.422   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 73.680%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 3.922          | 65   | 7223       | 13.448   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 53.800%  |        |          |
| 21) 2-Butanone-d5             | 6.987          | 46   | 6083m      | 15.608   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 31.220%  |        |          |
| 24) Chloroform-d              | 7.569          | 84   | 51339      | 15.354   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 61.400%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.228          | 65   | 26449      | 16.656   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 66.640%# |        |          |
| 32) Benzene-d6                | 8.199          | 84   | 82121      | 18.638   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 74.560%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.204          | 67   | 30681      | 22.854   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 91.400%  |        |          |
| 41) Toluene-d8                | 10.269         | 98   | 54810      | 13.496   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 54.000%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.528         | 79   | 5383       | 8.705    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 34.800%  |        |          |
| 47) 2-Hexanone-d5             | 10.875         | 63   | 4023       | 14.952   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 29.900%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651         | 84   | 23400      | 15.322   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 61.280%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816         | 152  | 6361       | 8.558    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 34.240%# |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 4.017          | 43   | 12109      | 25.721   | ug/L   | 99       |
| 16) Methylene chloride        | 4.793          | 84   | 21858      | 8.216    | ug/L   | 96       |
| -----                         |                |      |            |          |        |          |

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

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