

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD062723\  
 Data File : VD076597.D  
 Acq On : 27 Jun 2023 17:04  
 Operator : KP/SY  
 Sample : 03422-09  
 Misc : 5.02G/10.0ml/MSVOA\_D/SOIL  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 A46J8

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 06/28/2023  
 Supervised By :Mahesh Dadoda 06/28/2023

Quant Time: Jun 28 05:05:55 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  | 329392     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581         | 117  | 298279     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516         | 152  | 144182     | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.269          | 65   | 85293      | 10.633   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 42.520%  |        |          |
| 7) Chloroethane-d5            | 2.793          | 69   | 83238      | 12.833   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 51.320%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 3.916          | 65   | 28179      | 13.458   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 53.840%  |        |          |
| 21) 2-Butanone-d5             | 6.987          | 46   | 57433      | 47.275   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 94.560%  |        |          |
| 24) Chloroform-d              | 7.569          | 84   | 144941     | 16.702   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 66.800%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.228          | 65   | 76930      | 17.969   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 71.880%  |        |          |
| 32) Benzene-d6                | 8.199          | 84   | 276618     | 15.160   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 60.640%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.210          | 67   | 96680      | 16.600   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 66.400%# |        |          |
| 41) Toluene-d8                | 10.269         | 98   | 242940     | 14.379   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 57.520%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.522         | 79   | 37759      | 15.587   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 62.360%  |        |          |
| 47) 2-Hexanone-d5             | 10.875         | 63   | 40307      | 44.583   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 89.160%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651         | 84   | 87739      | 21.175   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 84.680%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816         | 152  | 91325      | 17.280   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 69.120%# |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 13) Acetone                   | 4.016          | 43   | 4810m      | 4.902    | ug/L   |          |
| -----                         |                |      |            |          |        |          |

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

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