

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_D\Data\VD121423\  
 Data File : VD077886.D  
 Acq On : 14 Dec 2023 16:29  
 Operator : RP/MD  
 Sample : 05788-14  
 Misc : 5.19G/10ml/MSVOA\_D/SOIL  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_D  
 ClientSampleId :  
 DCLP2

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 12/15/2023  
 Supervised By : Mahesh Dadoda 12/18/2023

Quant Time: Dec 15 07:14:00 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_D\Method\SFAMDLM112923SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Dec 06 00:24:24 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.781          | 114  | 334599     | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.581         | 117  | 309718     | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.516         | 152  | 129388     | 25.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.281          | 65   | 159225     | 17.450  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 69.800% |        |          |
| 7) Chloroethane-d5            | 2.811          | 69   | 142504     | 19.594  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 78.360% |        |          |
| 11) 1,1-Dichloroethene-d2     | 3.922          | 65   | 39149      | 16.547  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 66.200% |        |          |
| 21) 2-Butanone-d5             | 6.981          | 46   | 34515m     | 29.929  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 59.860% |        |          |
| 24) Chloroform-d              | 7.575          | 84   | 182135     | 20.197  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 80.800% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.234          | 65   | 85628      | 18.741  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 74.960% |        |          |
| 32) Benzene-d6                | 8.205          | 84   | 386240     | 20.706  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 82.840% |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.210          | 67   | 117755     | 20.690  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 82.760% |        |          |
| 41) Toluene-d8                | 10.269         | 98   | 351371     | 20.465  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 81.880% |        |          |
| 43) trans-1,3-Dichloroprop... | 10.528         | 79   | 44250      | 17.582  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 70.320% |        |          |
| 47) 2-Hexanone-d5             | 10.881         | 63   | 28213      | 28.767  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 57.540% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.651         | 84   | 69683      | 16.943  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 67.760% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.816         | 152  | 98159      | 21.206  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 84.840% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 12) 1,1-Dichloroethene        | 3.922          | 96   | 1242       | 0.273   | ug/L # | 1        |
| -----                         |                |      |            |         |        |          |

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

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