

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW051724\  
 Data File : VW028632.D  
 Acq On : 17 May 2024 12:22  
 Operator : SY/MD  
 Sample : P2520-04  
 Misc : 4.59g/10mL/MSVOA\_W/SOIL/VIAL A  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BHB79

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/20/2024  
 Supervised By :Mahesh Dadoda 05/20/2024

Quant Time: May 17 23:05:15 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM050224SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri May 17 23:04:23 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|--------|----------|
| -----                         |                |      |            |         |        |          |
| Internal Standards            |                |      |            |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 256702     | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 243355     | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 106897     | 25.000  | ug/L   | 0.00     |
|                               |                |      |            |         |        |          |
| System Monitoring Compounds   |                |      |            |         |        |          |
| 4) Vinyl Chloride-d3          | 2.369          | 65   | 81093      | 16.636  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 66.560% |        |          |
| 7) Chloroethane-d5            | 2.905          | 69   | 68956      | 18.475  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 73.880% |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.027          | 65   | 36974      | 18.155  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 72.600% |        |          |
| 21) 2-Butanone-d5             | 7.081          | 46   | 49569      | 38.977  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 77.960% |        |          |
| 24) Chloroform-d              | 7.654          | 84   | 169268     | 21.103  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 84.400% |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 100558m    | 21.898  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 87.600% |        |          |
| 32) Benzene-d6                | 8.276          | 84   | 332499     | 20.479  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 81.920% |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.276          | 67   | 104919     | 21.475  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 85.880% |        |          |
| 41) Toluene-d8                | 10.325         | 98   | 286560     | 19.930  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 79.720% |        |          |
| 43) trans-1,3-Dichloroprop... | 10.581         | 79   | 39436      | 20.065  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 80.240% |        |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 34896      | 41.412  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 82.820% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 83115      | 20.287  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 81.160% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 93035      | 22.835  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 91.320% |        |          |
|                               |                |      |            |         |        |          |
| Target Compounds              |                |      |            |         | Qvalue |          |
| 13) Acetone                   | 4.137          | 43   | 6421       | 5.550   | ug/L   | 70       |
| 16) Methylene chloride        | 4.923          | 84   | 9874       | 2.487   | ug/L   | 88       |
| 42) Toluene                   | 10.386         | 91   | 8769       | 0.538   | ug/L   | 87       |
| -----                         |                |      |            |         |        |          |

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

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