

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW122024\  
 Data File : VW031446.D  
 Acq On : 20 Dec 2024 23:27  
 Operator : SY/MD  
 Sample : P5302-17  
 Misc : 6.58g/10mL/MSVOA\_W/SOIL/A  
 ALS Vial : 37 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E2AQ0

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 12/23/2024  
 Supervised By :Mahesh Dadoda 12/23/2024

Quant Time: Dec 21 00:01:43 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Dec 20 23:42:37 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response                | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|-------------------------|-----------|--------|----------|
| -----                         |                |      |                         |           |        |          |
| Internal Standards            |                |      |                         |           |        |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 1347m                   | 25.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.636         | 117  | 1670                    | 25.000    | ug/L   | # 0.00   |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 1904                    | 25.000    | ug/L   | 0.00     |
|                               |                |      |                         |           |        |          |
| System Monitoring Compounds   |                |      |                         |           |        |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 887605                  | 43795.149 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 175180.600%# |           |        |          |
| 7) Chloroethane-d5            | 2.899          | 69   | 705607                  | 47064.887 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 188259.560%# |           |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.015          | 65   | 381959                  | 39730.724 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = 158922.880%# |           |        |          |
| 21) 2-Butanone-d5             | 7.094          | 46   | 357135                  | 93568.920 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 187137.840%# |           |        |          |
| 24) Chloroform-d              | 7.648          | 84   | 1499236                 | 40622.405 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = 162489.600%# |           |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.301          | 65   | 828192                  | 44682.443 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = 178729.760%# |           |        |          |
| 32) Benzene-d6                | 8.270          | 84   | 3111825                 | 29072.277 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = 116289.120%# |           |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 910162                  | 29175.922 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = 116703.680%# |           |        |          |
| 41) Toluene-d8                | 10.319         | 98   | 2692797                 | 27042.423 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = 108169.680%# |           |        |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 364153                  | 25316.310 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = 101265.240%# |           |        |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 289627                  | 69036.940 | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 138073.880%# |           |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 612372                  | 31264.602 | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = 125058.400%# |           |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.849         | 152  | 638797                  | 9037.326  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = 36149.320%#  |           |        |          |
|                               |                |      |                         |           |        |          |
| Target Compounds              |                |      |                         |           |        |          |
|                               |                |      |                         |           | Qvalue |          |
| 5) Vinyl chloride             | 2.369          | 62   | 3208                    | 169.261   | ug/L # | 1        |
| 12) 1,1-Dichloroethene        | 4.015          | 96   | 8750                    | 529.881   | ug/L # | 1        |
| 16) Methylene chloride        | 4.917          | 84   | 2991m                   | 176.479   | ug/L   |          |
| 40) 4-Methyl-2-pentanone      | 10.209         | 43   | 4861                    | 355.881   | ug/L # | 91       |
| 42) Toluene                   | 10.386         | 91   | 2107                    | 18.752    | ug/L   | 96       |
| 46) Tetrachloroethene         | 10.861         | 164  | 51892                   | 2431.447  | ug/L   | 92       |
| 53) m,p-Xylene                | 11.837         | 106  | 613                     | 12.365    | ug/L   | 69       |
| -----                         |                |      |                         |           |        |          |

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

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