

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062023\  
 Data File : VW026276.D  
 Acq On : 20 Jun 2023 17:44  
 Operator : SY/MD  
 Sample : 03334-07  
 Misc : 5.68g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YBW02

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/22/2023  
 Supervised By : Mahesh Dadoda 06/22/2023

Quant Time: Jun 21 01:15:31 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 21 01:09:17 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) 1,4-Difluorobenzene        | 8.837          | 114  | 578827     | 25.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 465519     | 25.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 163646     | 25.000    | ug/L   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 138760     | 17.041    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 68.160%   |        |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 132400     | 21.721    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 86.880%   |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 74395      | 18.528    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 74.120%   |        |          |
| 21) 2-Butanone-d5             | 7.075          | 46   | 199414     | 84.117    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 168.240%# |        |          |
| 24) Chloroform-d              | 7.648          | 84   | 369758     | 21.814    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 87.240%   |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.301          | 65   | 233068m    | 25.146    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 100.600%  |        |          |
| 32) Benzene-d6                | 8.276          | 84   | 701359     | 22.390    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 89.560%   |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 247635     | 24.954    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 99.800%   |        |          |
| 41) Toluene-d8                | 10.325         | 98   | 544103     | 19.587    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 78.360%   |        |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 78921      | 20.069    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 80.280%   |        |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 118911     | 75.993    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 151.980%# |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 241616     | 33.458    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 133.840%# |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 142945     | 22.821    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 91.280%   |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           |        | Qvalue   |
| 5) Vinyl chloride             | 2.369          | 62   | 83404      | 8.576     | ug/L   | 94       |
| 12) 1,1-Dichloroethene        | 4.045          | 96   | 1038342    | 140.894   | ug/L # | 54       |
| 13) Acetone                   | 4.125          | 43   | 12408      | 6.764     | ug/L   | 48       |
| 16) Methylene chloride        | 4.929          | 84   | 39837m     | 4.312     | ug/L   |          |
| 19) 1,1-Dichloroethane        | 6.222          | 63   | 57687      | 3.427     | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 7.167          | 96   | 25541      | 2.916     | ug/L   | 96       |
| 25) Chloroform                | 7.679          | 83   | 11029      | 0.703     | ug/L   | 95       |
| 27) 1,2-Dichloroethane        | 8.398          | 62   | 11113      | 1.028     | ug/L # | 89       |
| 30) 1,1,1-Trichloroethane     | 7.874          | 97   | 90565      | 8.017     | ug/L   | 99       |
| 33) Benzene                   | 8.319          | 78   | 36531      | 1.146     | ug/L   | 100      |
| 34) Trichloroethene           | 9.093          | 95   | 6508       | 0.797     | ug/L   | 90       |
| -----                         |                |      |            |           |        |          |

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

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