

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW061923\  
 Data File : VW026242.D  
 Acq On : 19 Jun 2023 12:03  
 Operator : SY/MD  
 Sample : 03307-11  
 Misc : 5.27g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 YBW12

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/20/2023  
 Supervised By : Mahesh Dadoda 06/26/2023

Quant Time: Jun 20 03:17:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM053023SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Jun 16 23:58:43 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 758032     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 617039     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 216635     | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 186927     | 17.529   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 70.120%  |       |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 176065     | 22.056   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 88.240%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 100196     | 19.055   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 76.200%  |       |          |
| 21) 2-Butanone-d5             | 7.069          | 46   | 185011     | 59.592   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 119.180% |       |          |
| 24) Chloroform-d              | 7.648          | 84   | 469863     | 21.167   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 84.680%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.301          | 65   | 269487m    | 22.202   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 88.800%  |       |          |
| 32) Benzene-d6                | 8.270          | 84   | 905166     | 21.801   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 87.200%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 306585     | 23.308   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 93.240%  |       |          |
| 41) Toluene-d8                | 10.319         | 98   | 725097     | 19.692   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 78.760%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 97759      | 18.755   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 75.000%  |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 110749     | 53.397   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 106.800% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 242644     | 25.349   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 101.400% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.848         | 152  | 182066     | 21.957   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 87.840%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 12) 1,1-Dichloroethene        | 4.039          | 96   | 380233     | 39.397   | ug/L  | # 72     |
| 13) Acetone                   | 4.119          | 43   | 15361      | 6.394    | ug/L  | 79       |
| 16) Methylene chloride        | 4.917          | 84   | 22690      | 1.875    | ug/L  | 94       |
| 19) 1,1-Dichloroethane        | 6.216          | 63   | 720424     | 32.679   | ug/L  | 99       |
| -----                         |                |      |            |          |       |          |

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

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