

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW062723\  
 Data File : VW026351.D  
 Acq On : 27 Jun 2023 13:50  
 Operator : SY/MD  
 Sample : 03421-11  
 Misc : 4.57g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 A46G7

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/28/2023  
 Supervised By : Mahesh Dadoda 06/29/2023

Quant Time: Jun 28 01:22:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM062623SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jun 28 01:18:48 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response             | Conc    | Units  | Dev(Min) |
|-------------------------------|----------------|------|----------------------|---------|--------|----------|
| -----                         |                |      |                      |         |        |          |
| Internal Standards            |                |      |                      |         |        |          |
| 1) 1,4-Difluorobenzene        | 8.843          | 114  | 731140               | 25.000  | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 493883               | 25.000  | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 125620               | 25.000  | ug/L   | 0.00     |
|                               |                |      |                      |         |        |          |
| System Monitoring Compounds   |                |      |                      |         |        |          |
| 4) Vinyl Chloride-d3          | 2.363          | 65   | 262826               | 24.744  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 98.960%   |         |        |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 235941               | 31.247  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = 125.000%  |         |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.021          | 65   | 121421               | 25.250  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = 101.000%  |         |        |          |
| 21) 2-Butanone-d5             | 7.081          | 46   | 208809               | 62.551  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 125.100%  |         |        |          |
| 24) Chloroform-d              | 7.648          | 84   | 493004               | 23.796  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = 95.200%   |         |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.307          | 65   | 327506m              | 28.133  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = 112.520%  |         |        |          |
| 32) Benzene-d6                | 8.276          | 84   | 977047               | 31.961  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = 127.840%  |         |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.276          | 67   | 316074               | 31.819  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = 127.280%# |         |        |          |
| 41) Toluene-d8                | 10.325         | 98   | 720702               | 26.934  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = 107.720%  |         |        |          |
| 43) trans-1,3-Dichloroprop... | 10.581         | 79   | 110732               | 27.764  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = 111.040%  |         |        |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 127376               | 83.494  | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = 166.980%# |         |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 208690               | 26.684  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = 106.720%  |         |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.849         | 152  | 99499                | 22.748  | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = 91.000%   |         |        |          |
|                               |                |      |                      |         |        |          |
| Target Compounds              |                |      |                      |         | Qvalue |          |
| 13) Acetone                   | 4.125          | 43   | 337217               | 126.207 | ug/L   | 99       |
| 22) 2-Butanone                | 7.173          | 43   | 153699               | 37.595  | ug/L   | 98       |
| -----                         |                |      |                      |         |        |          |

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

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