

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071922\  
 Data File : VW023900.D  
 Acq On : 19 Jul 2022 22:31  
 Operator : SY/VA  
 Sample : N3743-04  
 Misc : 5.96g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5C90

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 07/21/2022  
 Supervised By :Mahesh Dadoda 07/21/2022

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 Dadoda  
 07/21/2022

Quant Time: Jul 20 03:01:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Wed Jul 20 02:42:08 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) 1,4-Difluorobenzene        | 8.841          | 114  | 156674     | 25.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.627         | 117  | 150565     | 25.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.560         | 152  | 58436      | 25.000    | ug/L   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 4) Vinyl Chloride-d3          | 2.336          | 65   | 52262      | 13.060    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 52.240%   |        |          |
| 7) Chloroethane-d5            | 2.873          | 69   | 34727      | 13.009    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 52.040%   |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.001          | 63   | 51164m     | 15.702    | ug/L   | -0.01    |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 62.800%   |        |          |
| 21) 2-Butanone-d5             | 7.086          | 46   | 42089      | 67.810    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 135.620%# |        |          |
| 24) Chloroform-d              | 7.646          | 84   | 116584     | 25.558    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 102.240%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 67737m     | 24.280    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 97.120%   |        |          |
| 32) Benzene-d6                | 8.268          | 84   | 190667     | 24.361    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 97.440%   |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 66034      | 28.009    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 112.040%  |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 160441     | 20.209    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 80.840%   |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 22856      | 20.682    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 82.720%   |        |          |
| 47) 2-Hexanone-d5             | 10.926         | 63   | 30326      | 61.172    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 122.340%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 73048      | 28.037    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 112.160%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 56253      | 26.966    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 107.880%  |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           | Qvalue |          |
| 13) Acetone                   | 4.123          | 43   | 7642       | 17.414    | ug/L   | 98       |
| 16) Methylene chloride        | 4.903          | 84   | 20105      | 8.206     | ug/L   | 90       |
| 20) cis-1,2-Dichloroethene    | 7.165          | 96   | 21645      | 9.696     | ug/L # | 99       |
| 34) Trichloroethene           | 9.091          | 95   | 22283      | 9.862     | ug/L   | 88       |
| 46) Tetrachloroethene         | 10.865         | 164  | 64649      | 37.005    | ug/L   | 96       |
| -----                         |                |      |            |           |        |          |

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

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