

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW071522\  
 Data File : VW023802.D  
 Acq On : 16 Jul 2022 20:48  
 Operator : SY/VA  
 Sample : N3702-16  
 Misc : 6.14g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 F5C70

Manual Integrations  
 APPROVED

Reviewed By :Krupa Patel 07/18/2022  
 Supervised By :Mahesh Dadoda 07/18/2022

Quant Time: Jul 18 02:08:41 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM071322SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Mon Jul 18 02:05:50 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 223997     | 25.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 214852     | 25.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 85837      | 25.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 2.343          | 65   | 84032      | 14.688   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 58.760%  |        |          |
| 7) Chloroethane-d5            | 2.873          | 69   | 59575      | 15.609   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 62.440%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.013          | 63   | 42353m     | 9.091    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 36.360%# |        |          |
| 21) 2-Butanone-d5             | 7.074          | 46   | 37815      | 42.613   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 85.220%  |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 119705     | 18.355   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 73.440%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 73340m     | 18.387   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 73.560%  |        |          |
| 32) Benzene-d6                | 8.275          | 84   | 210080     | 18.810   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 75.240%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 74231      | 22.065   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 88.240%  |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 200272     | 17.678   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 70.720%  |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 28071      | 17.801   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 71.200%  |        |          |
| 47) 2-Hexanone-d5             | 10.927         | 63   | 31672      | 44.771   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 89.540%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689         | 84   | 73881      | 19.872   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 79.480%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.847         | 152  | 67207      | 21.933   | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 87.720%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 5) Vinyl chloride             | 2.355          | 62   | 15400m     | 2.406    | ug/L   |          |
| 13) Acetone                   | 4.129          | 43   | 5881       | 9.374    | ug/L   | 66       |
| 20) cis-1,2-Dichloroethene    | 7.171          | 96   | 143758     | 45.042   | ug/L # | 96       |
| 34) Trichloroethene           | 9.092          | 95   | 200255     | 62.112   | ug/L   | 93       |
| 46) Tetrachloroethene         | 10.860         | 164  | 167016     | 66.994   | ug/L   | 94       |
| -----                         |                |      |            |          |        |          |

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

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