

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW041522\  
 Data File : VW022556.D  
 Acq On : 15 Apr 2022 14:06  
 Operator : SY/VA  
 Sample : N2373-12  
 Misc : 3.61g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 BFFF3

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 04/17/2022  
 Supervised By :Mahesh Dadoda 04/20/2022

Quant Time: Apr 15 23:18:39 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM040722SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Apr 15 23:17:23 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) 1,4-Difluorobenzene        | 8.841          | 114  | 286294     | 25.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 11.633         | 117  | 185907     | 25.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 40539      | 25.000    | ug/L   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 4) Vinyl Chloride-d3          | 2.355          | 65   | 96969      | 15.321    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 61.280%   |        |          |
| 7) Chloroethane-d5            | 2.891          | 69   | 72530      | 18.285    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 73.160%   |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.019          | 63   | 105967     | 12.909    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 51.640%   |        |          |
| 21) 2-Butanone-d5             | 7.085          | 46   | 46642      | 42.211    | ug/L   | 0.01     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 84.420%   |        |          |
| 24) Chloroform-d              | 7.646          | 84   | 189946     | 21.226    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 84.920%   |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.311          | 65   | 108606m    | 21.242    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 84.960%   |        |          |
| 32) Benzene-d6                | 8.274          | 84   | 334053     | 29.411    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 117.640%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 102378     | 31.147    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 124.600%# |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 251518     | 22.610    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 90.440%   |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 28495      | 18.369    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 73.480%   |        |          |
| 47) 2-Hexanone-d5             | 10.926         | 63   | 37063      | 60.606    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 121.220%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 59850      | 21.415    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 85.640%   |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.852         | 152  | 31976      | 22.269    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 89.080%   |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           | Qvalue |          |
| 13) Acetone                   | 4.129          | 43   | 37055      | 49.253    | ug/L   | 95       |
| 16) Methylene chloride        | 4.915          | 84   | 22868m     | 5.308     | ug/L   |          |
| 22) 2-Butanone                | 7.177          | 43   | 22501      | 19.802    | ug/L   | 94       |
| -----                         |                |      |            |           |        |          |

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

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