

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW120321\  
 Data File : VW021072.D  
 Acq On : 03 Dec 2021 18:28  
 Operator : SY/VA  
 Sample : M4881-11RE  
 Misc : 5.24g/10.0mL/MSVOA\_W/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 EW9E7RE

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/05/2021  
 Supervised By : Amit Patel 12/06/2021

Quant Time: Dec 04 01:40:34 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM120321SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Sat Dec 04 01:31:24 2021  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 97027      | 25.000    | ug/L   | # 0.00   |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 62770      | 25.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 16032      | 25.000    | ug/L   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 4) Vinyl Chloride-d3          | 2.349          | 65   | 23247      | 17.197    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 68.800%   |        |          |
| 7) Chloroethane-d5            | 2.885          | 69   | 18658      | 20.618    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 82.480%   |        |          |
| 11) 1,1-Dichloroethene-d2     | 4.013          | 63   | 27824      | 12.884    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 51.520%   |        |          |
| 21) 2-Butanone-d5             | 7.086          | 46   | 13721      | 44.498    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 89.000%   |        |          |
| 24) Chloroform-d              | 7.647          | 84   | 60659      | 24.964    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 99.840%   |        |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 30407      | 22.874    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 91.480%   |        |          |
| 32) Benzene-d6                | 8.275          | 84   | 104869     | 32.675    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 130.680%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 9.274          | 67   | 33179      | 37.200    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 148.800%# |        |          |
| 41) Toluene-d8                | 10.323         | 98   | 82250      | 24.993    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 99.960%   |        |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 7780       | 19.210    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 76.840%   |        |          |
| 47) 2-Hexanone-d5             | 10.921         | 63   | 10437      | 61.162    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 122.320%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.688         | 84   | 23443      | 28.411    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 113.640%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.847         | 152  | 18054      | 31.430    | ug/L   | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 125.720%# |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           | Qvalue |          |
| 13) Acetone                   | 4.141          | 43   | 1781m      | 6.341     | ug/L   |          |
| 16) Methylene chloride        | 4.915          | 84   | 6768       | 4.427     | ug/L   | 81       |
| 27) 1,2-Dichloroethane        | 8.397          | 62   | 872        | 0.558     | ug/L   | # 77     |
| 33) Benzene                   | 8.323          | 78   | 31929      | 8.945     | ug/L   | 100      |
| 35) Methylcyclohexane         | 9.335          | 83   | 1227       | 0.740     | ug/L   | 91       |
| 42) Toluene                   | 10.390         | 91   | 14710      | 3.608     | ug/L   | 96       |
| 53) m,p-Xylene                | 11.835         | 106  | 2858       | 1.505     | ug/L   | 93       |
| 54) o-Xylene                  | 12.164         | 106  | 1262       | 0.705     | ug/L   | 95       |
| 62) 1,3,5-Trimethylbenzene    | 12.938         | 105  | 898        | 0.481     | ug/L   | 90       |
| 63) 1,2,4-Trimethylbenzene    | 13.249         | 105  | 2037       | 1.085     | ug/L   | 93       |
| -----                         |                |      |            |           |        |          |

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

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