

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW090222\  
 Data File : VW024546.D  
 Acq On : 02 Sep 2022 20:23  
 Operator : SY/VA  
 Sample : N4363-16RE  
 Misc : 5.66g/10mL/MSVOA\_W/SOIL  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 DBVX0RE

Manual Integrations  
 APPROVED

Reviewed By : Semsettin Yesilyurt 09/05/2022  
 Supervised By : Mahesh Dadoda 09/06/2022

Quant Time: Sep 03 00:06:57 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM090222SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Fri Sep 02 23:58:31 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|-------|----------|
| -----                         |                |      |            |           |       |          |
| Internal Standards            |                |      |            |           |       |          |
| 1) 1,4-Difluorobenzene        | 8.842          | 114  | 265119     | 25.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.628         | 117  | 261914     | 25.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.554         | 152  | 117881     | 25.000    | ug/L  | 0.00     |
|                               |                |      |            |           |       |          |
| System Monitoring Compounds   |                |      |            |           |       |          |
| 4) Vinyl Chloride-d3          | 2.343          | 65   | 92128      | 17.411    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 69.640%   |       |          |
| 7) Chloroethane-d5            | 2.873          | 69   | 77392      | 19.644    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 78.560%   |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.001          | 63   | 55437m     | 8.898     | ug/L  | -0.01    |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 35.600%#  |       |          |
| 21) 2-Butanone-d5             | 7.074          | 46   | 74056      | 88.751    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 177.500%# |       |          |
| 24) Chloroform-d              | 7.641          | 84   | 167497     | 23.726    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 94.920%   |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.305          | 65   | 105757     | 27.739    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 110.960%  |       |          |
| 32) Benzene-d6                | 8.269          | 84   | 249831     | 18.286    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 73.160%   |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.268          | 67   | 95094      | 23.787    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 95.160%   |       |          |
| 41) Toluene-d8                | 10.323         | 98   | 193160     | 14.846    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 59.400%   |       |          |
| 43) trans-1,3-Dichloroprop... | 10.579         | 79   | 38172      | 21.888    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 87.560%   |       |          |
| 47) 2-Hexanone-d5             | 10.921         | 63   | 54765      | 79.975    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 159.940%# |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.689         | 84   | 119835     | 32.973    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 131.880%# |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.853         | 152  | 105134     | 27.263    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 109.040%  |       |          |
|                               |                |      |            |           |       |          |
| Target Compounds              |                |      |            |           |       | Qvalue   |
| 16) Methylene chloride        | 4.909          | 84   | 21553      | 5.743     | ug/L  | 97       |
| 20) cis-1,2-Dichloroethene    | 7.165          | 96   | 119438     | 30.285    | ug/L  | 94       |
| 34) Trichloroethene           | 9.092          | 95   | 19722      | 4.771     | ug/L  | 98       |
| 46) Tetrachloroethene         | 10.860         | 164  | 2569732    | 850.573   | ug/L  | 96       |
| -----                         |                |      |            |           |       |          |

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

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