

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_W\Data\VW121624\  
 Data File : VW031285.D  
 Acq On : 16 Dec 2024 21:24  
 Operator : SY/MD  
 Sample : P5226-09RE  
 Misc : 5.81g/10mL/MSVOA\_W/SOIL/B  
 ALS Vial : 32 Sample Multiplier: 1

Instrument :  
 MSVOA\_W  
 ClientSampleId :  
 E2AP7RE

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 12/18/2024  
 Supervised By :Semsettin Yesilyurt 12/18/2024

Quant Time: Dec 17 02:38:04 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_W\Method\SFAMWLM121324SMA.M  
 Quant Title : SFAM01.0  
 QLast Update : Tue Dec 17 02:36:53 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|-------|----------|
| -----                         |                |      |            |           |       |          |
| Internal Standards            |                |      |            |           |       |          |
| 1) 1,4-Difluorobenzene        | 8.837          | 114  | 931458     | 25.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 11.629         | 117  | 495397     | 25.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 13.556         | 152  | 99239      | 25.000    | ug/L  | 0.00     |
|                               |                |      |            |           |       |          |
| System Monitoring Compounds   |                |      |            |           |       |          |
| 4) Vinyl Chloride-d3          | 2.356          | 65   | 312584     | 22.304    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 89.200%   |       |          |
| 7) Chloroethane-d5            | 2.893          | 69   | 231687     | 22.348    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 89.400%   |       |          |
| 11) 1,1-Dichloroethene-d2     | 4.015          | 65   | 140181     | 21.086    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 84.360%   |       |          |
| 21) 2-Butanone-d5             | 7.087          | 46   | 184071     | 69.741    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 139.480%# |       |          |
| 24) Chloroform-d              | 7.648          | 84   | 546748     | 21.423    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 85.680%   |       |          |
| 26) 1,2-Dichloroethane-d4     | 8.301          | 65   | 340935m    | 26.600    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 106.400%  |       |          |
| 32) Benzene-d6                | 8.270          | 84   | 1051729    | 33.123    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 132.480%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 9.270          | 67   | 314728     | 34.010    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 136.040%# |       |          |
| 41) Toluene-d8                | 10.318         | 98   | 760819     | 25.756    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 103.040%  |       |          |
| 43) trans-1,3-Dichloroprop... | 10.575         | 79   | 130193     | 30.512    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 122.040%  |       |          |
| 47) 2-Hexanone-d5             | 10.922         | 63   | 123752     | 99.439    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 198.880%# |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 12.690         | 84   | 191630     | 32.981    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 131.920%# |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 13.842         | 152  | 68947      | 18.714    | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 74.840%#  |       |          |
|                               |                |      |            |           |       |          |
| Target Compounds              |                |      |            |           |       | Qvalue   |
| 25) Chloroform                | 7.673          | 83   | 28783      | 1.268     | ug/L  | 96       |
| 46) Tetrachloroethene         | 10.861         | 164  | 3103592    | 490.221   | ug/L  | 95       |
| -----                         |                |      |            |           |       |          |

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

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