

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW042224\  
 Data File : VW035325.D  
 Acq On : 22 Apr 2024 12:12  
 Operator : SY/MD  
 Sample : P2182-11 100X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 MCORE4

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 04/26/2024  
 Supervised By :Semsettin Yesilyurt 04/26/2024

Quant Time: Apr 23 00:29:02 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM032624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Apr 23 00:28:07 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|--------|----------|
| -----                         |                |      |            |           |        |          |
| Internal Standards            |                |      |            |           |        |          |
| 1) 1,4-Difluorobenzene        | 5.532          | 114  | 290060     | 50.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 258200     | 50.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 100838     | 50.000    | ug/L   | 0.00     |
|                               |                |      |            |           |        |          |
| System Monitoring Compounds   |                |      |            |           |        |          |
| 4) Vinyl Chloride-d3          | 1.282          | 65   | 89312      | 31.883    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 63.760%   |        |          |
| 7) Chloroethane-d5            | 1.532          | 69   | 96022      | 39.465    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 78.940%   |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.060          | 65   | 35738      | 29.104    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 58.200%#  |        |          |
| 21) 2-Butanone-d5             | 3.909          | 46   | 8026m      | 4.831     | ug/L   | 0.12     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 4.830%#   |        |          |
| 24) Chloroform-d              | 4.249          | 84   | 244871     | 51.992    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 103.980%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.941          | 65   | 172334     | 57.632    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 115.260%  |        |          |
| 32) Benzene-d6                | 4.960          | 84   | 416933     | 48.072    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.140%   |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.986          | 67   | 163673     | 59.428    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 118.860%  |        |          |
| 41) Toluene-d8                | 7.243          | 98   | 282215     | 36.131    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 72.260%#  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.555          | 79   | 53169      | 39.711    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 79.420%   |        |          |
| 47) 2-Hexanone-d5             | 8.031          | 63   | 50652      | 48.644    | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 48.640%   |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149         | 84   | 257199     | 67.815    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 135.640%# |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558         | 152  | 120733     | 53.326    | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 106.660%  |        |          |
|                               |                |      |            |           |        |          |
| Target Compounds              |                |      |            |           | Qvalue |          |
| 33) Benzene                   | 5.011          | 78   | 56243      | 6.680     | ug/L   | 100      |
| 51) Chlorobenzene             | 8.812          | 112  | 156982     | 27.478    | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.120         | 146  | 14233      | 4.190     | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.207         | 146  | 69665      | 20.165    | ug/L   | 98       |
| 67) 1,2-Dichlorobenzene       | 11.577         | 146  | 97637      | 28.851    | ug/L   | 97       |
| 70) 1,2,4-trichlorobenzene    | 13.201         | 180  | 22806      | 10.140    | ug/L   | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.680         | 180  | 9787       | 4.415     | ug/L   | 100      |
| -----                         |                |      |            |           |        |          |

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

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