

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW080522\  
 Data File : VW027225.D  
 Acq On : 05 Aug 2022 15:18  
 Operator : SY/MD  
 Sample : N4005-05DL 4X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EY157DL

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/07/2022  
 Supervised By :Mahesh Dadoda 08/08/2022

Quant Time: Aug 06 04:00:06 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 06 03:57:43 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.613          | 114  | 341065     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.850          | 117  | 335243     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249         | 152  | 130989     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.301          | 65   | 84507      | 36.342   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 72.680%  |       |          |
| 7) Chloroethane-d5            | 1.558          | 69   | 71540      | 42.084   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 84.160%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.101          | 63   | 106493m    | 25.038   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 50.080%# |       |          |
| 21) 2-Butanone-d5             | 3.873          | 46   | 213294     | 103.050  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 103.050% |       |          |
| 24) Chloroform-d              | 4.343          | 84   | 198268     | 41.626   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 83.260%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.027          | 65   | 131935     | 44.613   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.220%  |       |          |
| 32) Benzene-d6                | 5.043          | 84   | 323644     | 40.258   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 80.520%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.066          | 67   | 133309     | 46.616   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 93.240%  |       |          |
| 41) Toluene-d8                | 7.313          | 98   | 245358     | 35.805   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 71.620%# |       |          |
| 43) trans-1,3-Dichloroprop... | 7.619          | 79   | 49738      | 39.902   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 79.800%  |       |          |
| 47) 2-Hexanone-d5             | 8.088          | 63   | 123804     | 89.885   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 89.880%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.214         | 84   | 214498     | 46.026   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 92.060%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622         | 152  | 119022     | 52.617   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 105.240% |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       |          |
| 17) trans-1,2-Dichloroethene  | 2.754          | 96   | 191255     | 73.132   | ug/L  | 90       |
| 20) cis-1,2-Dichloroethene    | 3.905          | 96   | 134527m    | 49.518   | ug/L  |          |
| -----                         |                |      |            |          |       |          |

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

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