

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW042023\  
 Data File : VW030711.D  
 Acq On : 20 Apr 2023 13:00  
 Operator : SY/MD  
 Sample : 02411-11  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AR4

Quant Time: Apr 21 00:17:18 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM041723WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Apr 21 00:14:50 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/22/2023  
 Supervised By :Mahesh Dadoda 04/22/2023

| Compound                      | R.T.    | QIon           | Response | Conc    | Units     | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|-----------|----------|
| Internal Standards            |         |                |          |         |           |          |
| 1) 1,4-Difluorobenzene        | 5.542   | 114            | 168132   | 50.000  | ug/L      | 0.00     |
| 28) Chlorobenzene-d5          | 8.792   | 117            | 167660   | 50.000  | ug/L      | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194  | 152            | 80396    | 50.000  | ug/L      | 0.00     |
| System Monitoring Compounds   |         |                |          |         |           |          |
| 4) Vinyl Chloride-d3          | 1.281   | 65             | 35481    | 28.787  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 57.580%#  |          |
| 7) Chloroethane-d5            | 1.535   | 69             | 35646    | 34.512  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 69.020%#  |          |
| 11) 1,1-Dichloroethene-d2     | 2.063   | 65             | 19458    | 33.289  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 66.580%   |          |
| 21) 2-Butanone-d5             | 3.796   | 46             | 91265    | 134.811 | ug/L      | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 134.810%# |          |
| 24) Chloroform-d              | 4.259   | 84             | 106082   | 47.493  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 94.980%   |          |
| 26) 1,2-Dichloroethane-d4     | 4.953   | 65             | 75478    | 52.559  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 105.120%  |          |
| 32) Benzene-d6                | 4.969   | 84             | 177834   | 44.863  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 89.720%   |          |
| 36) 1,2-Dichloropropane-d6    | 5.998   | 67             | 60607    | 49.222  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 98.440%   |          |
| 41) Toluene-d8                | 7.252   | 98             | 149309   | 40.118  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 80.240%   |          |
| 43) trans-1,3-Dichloroprop... | 7.561   | 79             | 28391    | 45.747  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 91.500%   |          |
| 47) 2-Hexanone-d5             | 8.034   | 63             | 53396    | 110.081 | ug/L      | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 110.080%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159  | 84             | 97818    | 54.748  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 109.500%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.570  | 152            | 72654    | 56.856  | ug/L      | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 113.720%  |          |
| Target Compounds              |         |                |          |         |           |          |
| 12) 1,1-Dichloroethene        | 2.076   | 96             | 2529m    | 2.148   | ug/L      |          |
| 20) cis-1,2-Dichloroethene    | 3.825   | 96             | 24712    | 19.114  | ug/L      | 96       |
| 30) 1,1,1-Trichloroethane     | 4.526   | 97             | 7119     | 3.022   | ug/L #    | 36       |
| 34) Trichloroethene           | 5.841   | 95             | 155705   | 117.575 | ug/L      | 99       |
| 51) Chlorobenzene             | 8.828   | 112            | 4052     | 1.122   | ug/L      | 93       |
| 65) 1,4-Dichlorobenzene       | 11.217  | 146            | 3166     | 1.196   | ug/L      | 98       |
| 67) 1,2-Dichlorobenzene       | 11.590  | 146            | 2608     | 1.030   | ug/L      | 98       |

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

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