

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU032223\  
 Data File : VU053360.D  
 Acq On : 22 Mar 2023 18:20  
 Operator : JC/MD  
 Sample : 01961-15  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EYFE0

Quant Time: Mar 23 03:56:21 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM031523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Mar 23 02:41:20 2023  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| -----                         |         |                |          |         |          |          |
| Internal Standards            |         |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 6.243   | 114            | 98599    | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.414   | 117            | 94399    | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809  | 152            | 43305    | 50.000  | ug/L     | 0.00     |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.597   | 65             | 33346    | 36.659  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 73.320%  |          |
| 7) Chloroethane-d5            | 1.912   | 69             | 33029    | 44.890  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 89.780%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.565   | 63             | 42841    | 27.187  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 54.380%# |          |
| 21) 2-Butanone-d5             | 4.620   | 46             | 47734    | 113.143 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 113.140% |          |
| 24) Chloroform-d              | 5.057   | 84             | 62188    | 41.508  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 83.020%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.697   | 65             | 44581    | 47.913  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 95.820%  |          |
| 32) Benzene-d6                | 5.723   | 84             | 130725   | 42.695  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 85.380%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.684   | 67             | 45454    | 45.997  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 92.000%  |          |
| 41) Toluene-d8                | 7.893   | 98             | 119329   | 41.860  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 83.720%  |          |
| 43) trans-1,3-Dichloroprop... | 8.176   | 79             | 20236    | 41.504  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 83.000%  |          |
| 47) 2-Hexanone-d5             | 8.629   | 63             | 31487    | 101.917 | ug/L     | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 101.920% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751  | 84             | 62573    | 48.880  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 97.760%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.189  | 152            | 38869    | 46.355  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 92.720%  |          |
| Target Compounds              |         |                |          |         |          |          |
|                               |         |                |          |         | Qvalue   |          |
| 5) Vinyl chloride             | 1.604   | 62             | 4987     | 4.807   | ug/L     | # 56     |
| -----                         |         |                |          |         |          |          |

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

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