

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100421\  
 Data File : VU045122.D  
 Acq On : 05 Oct 2021 02:04  
 Operator : SY/MD  
 Sample : M4023-19 100X  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 40 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0AK8

Quant Time: Oct 05 07:03:51 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM092321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Oct 05 02:41:56 2021  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|---------|-------|----------|----------|-------|-----------|
| -----                         |         |       |          |          |       |           |
| Internal Standards            |         |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 6.253   | 114   | 287878   | 50.00    | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 9.420   | 117   | 271209   | 50.00    | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.816  | 152   | 126722   | 50.00    | ug/L  | 0.00      |
| System Monitoring Compounds   |         |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 1.601   | 65    | 81472    | 25.85    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 51.70%#   |
| 7) Chloroethane-d5            | 1.906   | 69    | 51885    | 20.78    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 41.56%#   |
| 11) 1,1-Dichloroethene-d2     | 2.565   | 63    | 126247   | 23.85    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 47.70%#   |
| 21) 2-Butanone-d5             | 4.639   | 46    | 244607   | 98.18    | ug/L  | 0.00      |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 98.18%    |
| 24) Chloroform-d              | 5.067   | 84    | 192054   | 38.59    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 77.18%    |
| 26) 1,2-Dichloroethane-d4     | 5.706   | 65    | 139664   | 41.43    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 82.86%    |
| 32) Benzene-d6                | 5.732   | 84    | 380692   | 40.45    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 80.90%    |
| 36) 1,2-Dichloropropane-d6    | 6.694   | 67    | 128599   | 41.91    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 83.82%    |
| 41) Toluene-d8                | 7.902   | 98    | 322969   | 39.77    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 79.54%#   |
| 43) trans-1,3-Dichloroprop... | 8.182   | 79    | 56278    | 41.23    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 82.46%    |
| 47) 2-Hexanone-d5             | 8.645   | 63    | 180564   | 106.18   | ug/L  | 0.00      |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 106.18%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.761  | 84    | 222369   | 46.54    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 93.08%    |
| 66) 1,2-Dichlorobenzene-d4    | 12.198  | 152   | 126875   | 46.01    | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 92.02%    |
| Target Compounds              |         |       |          |          |       |           |
| 42) Toluene                   | 7.973   | 91    | 5369     | 0.53     | ug/L  | Qvalue 97 |
| -----                         |         |       |          |          |       |           |

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

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