

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU022324\  
 Data File : VU057945.D  
 Acq On : 23 Feb 2024 13:35  
 Operator : MD/SY  
 Sample : P1580-05  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BGRG3

Quant Time: Feb 23 23:01:40 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM021924WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Feb 23 23:00:11 2024  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|-------|----------|
| -----                         |         |       |          |          |       |          |
| Internal Standards            |         |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.242   | 114   | 276680   | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.412   | 117   | 265167   | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.807  | 152   | 124051   | 50.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |         |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.595   | 65    | 75974    | 37.928   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 75.860%  |
| 7) Chloroethane-d5            | 1.907   | 69    | 63752    | 43.060   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 86.120%  |
| 11) 1,1-Dichloroethene-d2     | 2.560   | 63    | 111285   | 29.811   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 59.620%# |
| 21) 2-Butanone-d5             | 4.611   | 46    | 86251    | 113.327  | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 113.330% |
| 24) Chloroform-d              | 5.055   | 84    | 152622   | 44.934   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 89.860%  |
| 26) 1,2-Dichloroethane-d4     | 5.692   | 65    | 102105   | 47.954   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 95.900%  |
| 32) Benzene-d6                | 5.721   | 84    | 305451   | 45.965   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 91.940%  |
| 36) 1,2-Dichloropropane-d6    | 6.682   | 67    | 102982   | 47.993   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 95.980%  |
| 41) Toluene-d8                | 7.894   | 98    | 266505   | 44.304   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 88.600%  |
| 43) trans-1,3-Dichloroprop... | 8.177   | 79    | 44406    | 43.458   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 86.920%  |
| 47) 2-Hexanone-d5             | 8.627   | 63    | 60284    | 73.080   | ug/L  | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 73.080%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749  | 84    | 125616   | 42.425   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 84.840%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190  | 152   | 93442    | 46.520   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 93.040%  |

Target Compounds Qvalue

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

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