

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU022024\  
 Data File : VU057893.D  
 Acq On : 20 Feb 2024 11:29  
 Operator : MD/SY  
 Sample : P1496-12  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BHA05

Quant Time: Feb 21 00:12:49 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM021924WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Feb 21 00:11:26 2024  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min)  |
|-------------------------------|---------|-------|----------|----------|--------|-----------|
| -----                         |         |       |          |          |        |           |
| Internal Standards            |         |       |          |          |        |           |
| 1) 1,4-Difluorobenzene        | 6.238   | 114   | 286443   | 50.000   | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 9.412   | 117   | 270372   | 50.000   | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.807  | 152   | 130826   | 50.000   | ug/L   | 0.00      |
| System Monitoring Compounds   |         |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.595   | 65    | 93984    | 45.320   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 90.640%   |
| 7) Chloroethane-d5            | 1.882   | 69    | 72843    | 47.524   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 95.040%   |
| 11) 1,1-Dichloroethene-d2     | 2.554   | 63    | 126955   | 32.849   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 65.700%   |
| 21) 2-Butanone-d5             | 4.608   | 46    | 109115   | 138.482  | ug/L   | 0.00      |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 138.480%# |
| 24) Chloroform-d              | 5.049   | 84    | 155665   | 44.268   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 88.540%   |
| 26) 1,2-Dichloroethane-d4     | 5.689   | 65    | 107319   | 48.685   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 97.380%   |
| 32) Benzene-d6                | 5.714   | 84    | 333542   | 49.226   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 98.460%   |
| 36) 1,2-Dichloropropane-d6    | 6.679   | 67    | 107991   | 49.359   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 98.720%   |
| 41) Toluene-d8                | 7.888   | 98    | 292764   | 47.732   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 95.460%   |
| 43) trans-1,3-Dichloroprop... | 8.171   | 79    | 48504    | 46.554   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 93.100%   |
| 47) 2-Hexanone-d5             | 8.627   | 63    | 86653    | 103.024  | ug/L   | 0.00      |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 103.020%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749  | 84    | 136745   | 45.294   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 90.580%   |
| 66) 1,2-Dichlorobenzene-d4    | 12.187  | 152   | 102154   | 48.223   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 96.440%   |
| Target Compounds              |         |       |          |          |        |           |
|                               |         |       |          |          | Qvalue |           |
| 13) Acetone                   | 2.618   | 43    | 7953     | 5.451    | ug/L   | 98        |
| -----                         |         |       |          |          |        |           |

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

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