

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU021122\  
 Data File : VU047109.D  
 Acq On : 11 Feb 2022 13:00  
 Operator : SY/MD  
 Sample : N1462-05  
 Misc : 5.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F4M37

Quant Time: Feb 12 01:26:53 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM021022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Feb 12 01:25:35 2022  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.253          | 114  | 456501     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.420          | 117  | 420343     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.813         | 152  | 216531     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.604          | 65   | 173677     | 41.891   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 83.780%  |       |          |
| 7) Chloroethane-d5            | 1.919          | 69   | 140056     | 45.570   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 91.140%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.575          | 63   | 234814     | 34.177   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 68.360%  |       |          |
| 21) 2-Butanone-d5             | 4.630          | 46   | 364484     | 113.355  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 113.350% |       |          |
| 24) Chloroform-d              | 5.070          | 84   | 307892     | 45.745   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 91.480%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.707          | 65   | 206789     | 47.867   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.740%  |       |          |
| 32) Benzene-d6                | 5.732          | 84   | 661649     | 47.347   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 94.700%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.694          | 67   | 218009     | 48.106   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 96.220%  |       |          |
| 41) Toluene-d8                | 7.899          | 98   | 625357     | 47.000   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 94.000%  |       |          |
| 43) trans-1,3-Dichloroprop... | 8.182          | 79   | 110740     | 46.629   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 93.260%  |       |          |
| 47) 2-Hexanone-d5             | 8.633          | 63   | 272296     | 104.879  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 104.880% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.758         | 84   | 314262     | 47.557   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 95.120%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.195         | 152  | 242340     | 47.190   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 94.380%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 20) cis-1,2-Dichloroethene    | 4.675          | 96   | 39689      | 11.505   | ug/L  | 94       |
| 34) Trichloroethene           | 6.546          | 95   | 18000      | 5.285    | ug/L  | 96       |
| 46) Tetrachloroethene         | 8.555          | 164  | 128038     | 46.736   | ug/L  | 97       |
| -----                         |                |      |            |          |       |          |

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

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