

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU081322\  
 Data File : VU050318.D  
 Acq On : 13 Aug 2022 15:01  
 Operator : SY/MD  
 Sample : N4115-03DL 40X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 F5E44DL

Quant Time: Aug 14 01:27:15 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR080422WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sun Aug 14 01:24:58 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon           | Response | Conc   | Units    | Dev(Min) |
|-------------------------------|--------|----------------|----------|--------|----------|----------|
| -----                         |        |                |          |        |          |          |
| Internal Standards            |        |                |          |        |          |          |
| 1) 1,4-Difluorobenzene        | 6.250  | 114            | 92094    | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.417  | 117            | 91012    | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.813 | 152            | 35215    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.597  | 65             | 44035    | 5.746  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 115.000% |          |
| 7) Chloroethane-d5            | 1.909  | 69             | 35578    | 5.754  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 115.000% |          |
| 11) 1,1-Dichloroethene-d2     | 2.565  | 65             | 16762    | 5.596  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 112.000% |          |
| 20) 2-Butanone-d5             | 4.626  | 46             | 108540   | 58.075 | ug/L     | -0.02    |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 116.140% |          |
| 24) Chloroform-d              | 5.064  | 84             | 75328    | 5.284  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 105.600% |          |
| 26) 1,2-Dichloroethane-d4     | 5.703  | 65             | 39779    | 5.435  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 108.600% |          |
| 32) Benzene-d6                | 5.729  | 84             | 150685   | 5.306  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 106.200% |          |
| 36) 1,2-Dichloropropane-d6    | 6.691  | 67             | 50787    | 5.430  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 108.600% |          |
| 41) Toluene-d8                | 7.899  | 98             | 119272   | 4.755  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 95.000%  |          |
| 43) trans-1,3-Dichloroprop... | 8.179  | 79             | 16573    | 4.945  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 98.800%  |          |
| 46) 2-Hexanone-d5             | 8.636  | 63             | 59977    | 50.464 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 100.920% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.755 | 84             | 42903    | 5.224  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 104.400% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.192 | 152            | 38763    | 5.618  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 112.400% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          |          |
| 5) Vinyl chloride             | 1.604  | 62             | 84520    | 8.543  | ug/L     | 100      |
| 16) Methylene chloride        | 3.044  | 84             | 3029     | 0.311  | ug/L     | 83       |
| 18) trans-1,2-Dichloroethene  | 3.353  | 96             | 936      | 0.131  | ug/L     | 88       |
| 22) cis-1,2-Dichloroethene    | 4.671  | 96             | 6788     | 0.858  | ug/L     | 94       |
| -----                         |        |                |          |        |          |          |

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

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