

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080422\  
 Data File : VX030398.D  
 Acq On : 04 Aug 2022 17:50  
 Operator : JC/MD  
 Sample : N4003-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 F5D36

Quant Time: Aug 05 05:27:37 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Aug 05 05:25:14 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.769   | 114   | 303696   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 261225   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 114751   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.367   | 65    | 108649   | 55.709   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 111.420% |
| 7) Chloroethane-d5            | 1.666   | 69    | 75795    | 55.130   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 110.260% |
| 11) 1,1-Dichloroethene-d2     | 2.306   | 63    | 166803   | 45.214   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 90.420%  |
| 21) 2-Butanone-d5             | 4.477   | 46    | 207387   | 114.766  | ug/L   | 0.01     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 114.770% |
| 24) Chloroform-d              | 5.062   | 84    | 206434   | 51.419   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 102.840% |
| 26) 1,2-Dichloroethane-d4     | 5.964   | 65    | 144725   | 53.090   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 106.180% |
| 32) Benzene-d6                | 5.983   | 84    | 413763   | 55.296   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 110.600% |
| 36) 1,2-Dichloropropane-d6    | 7.318   | 67    | 131389   | 54.120   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 108.240% |
| 41) Toluene-d8                | 8.653   | 98    | 377056   | 53.458   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 106.920% |
| 43) trans-1,3-Dichloroprop... | 8.951   | 79    | 61924    | 51.272   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 102.540% |
| 47) 2-Hexanone-d5             | 9.390   | 63    | 137107   | 110.798  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 110.800% |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 176286   | 55.275   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 110.560% |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 127042   | 57.079   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 114.160% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.374   | 62    | 1057258  | 503.719  | ug/L   | 99       |
| 12) 1,1-Dichloroethene        | 2.319   | 96    | 8447     | 4.969    | ug/L   | # 1      |
| 17) trans-1,2-Dichloroethene  | 3.093   | 96    | 46783    | 23.756   | ug/L   | 92       |
| 20) cis-1,2-Dichloroethene    | 4.495   | 96    | 4506570  | 2034.333 | ug/L   | 98       |
| 34) Trichloroethene           | 7.129   | 95    | 8636     | 3.560    | ug/L   | 95       |
| -----                         |         |       |          |          |        |          |

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

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