

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX080622\  
 Data File : VX030495.D  
 Acq On : 07 Aug 2022 04:03  
 Operator : JC/MD  
 Sample : N4021-12  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 F5D68

Quant Time: Aug 07 05:48:25 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML080422WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 06 02:08:42 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.769   | 114   | 273569   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 249236   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 108621   | 50.000   | ug/L   | 0.00     |
|                               |         |       |          |          |        |          |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 74630    | 42.480   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 84.960%  |
| 7) Chloroethane-d5            | 1.666   | 69    | 57675    | 46.570   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 93.140%  |
| 11) 1,1-Dichloroethene-d2     | 2.306   | 63    | 118535   | 35.669   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 71.340%  |
| 21) 2-Butanone-d5             | 4.471   | 46    | 162800   | 100.014  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 100.010% |
| 24) Chloroform-d              | 5.068   | 84    | 152303   | 42.114   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 84.220%  |
| 26) 1,2-Dichloroethane-d4     | 5.964   | 65    | 114086   | 46.460   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.920%  |
| 32) Benzene-d6                | 5.983   | 84    | 321061   | 44.971   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 89.940%  |
| 36) 1,2-Dichloropropane-d6    | 7.312   | 67    | 104009   | 44.903   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 89.800%  |
| 41) Toluene-d8                | 8.653   | 98    | 281680   | 41.857   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 83.720%  |
| 43) trans-1,3-Dichloroprop... | 8.958   | 79    | 40624    | 35.254   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 70.500%  |
| 47) 2-Hexanone-d5             | 9.391   | 63    | 100494   | 85.117   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 85.120%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 119394   | 39.237   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 78.480%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 92433    | 43.873   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 87.740%  |
|                               |         |       |          |          |        |          |
| Target Compounds              |         |       |          |          |        |          |
| 5) Vinyl chloride             | 1.374   | 62    | 169218   | 89.501   | ug/L   | 97       |
| 12) 1,1-Dichloroethene        | 2.313   | 96    | 1868     | 1.220    | ug/L # | 1        |
| 13) Acetone                   | 2.392   | 43    | 5714     | 4.790    | ug/L   | 100      |
| 17) trans-1,2-Dichloroethene  | 3.093   | 96    | 16825    | 9.485    | ug/L   | 96       |
| 20) cis-1,2-Dichloroethene    | 4.495   | 96    | 1676405  | 840.092  | ug/L   | 97       |
| 34) Trichloroethene           | 7.129   | 95    | 21308    | 9.207    | ug/L   | 90       |
| -----                         |         |       |          |          |        |          |

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

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