

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV092022\  
 Data File : VV028000.D  
 Acq On : 21 Sep 2022 07:11  
 Operator : SY/MD  
 Sample : N4674-13  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 47 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0EB3

Quant Time: Sep 21 08:07:17 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Sep 21 06:45:13 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.609   | 114   | 338569   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.847   | 117   | 338764   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246  | 152   | 148337   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301   | 65    | 132575   | 44.604   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 89.200%  |
| 7) Chloroethane-d5            | 1.561   | 69    | 113150   | 47.655   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 95.300%  |
| 11) 1,1-Dichloroethene-d2     | 2.102   | 63    | 199678   | 37.922   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 75.840%  |
| 21) 2-Butanone-d5             | 3.883   | 46    | 194651   | 110.132  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 110.130% |
| 24) Chloroform-d              | 4.339   | 84    | 241586   | 48.412   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 96.820%  |
| 26) 1,2-Dichloroethane-d4     | 5.024   | 65    | 159656   | 49.369   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 98.740%  |
| 32) Benzene-d6                | 5.044   | 84    | 471624   | 48.302   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 96.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.063   | 67    | 147936   | 49.065   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 98.120%  |
| 41) Toluene-d8                | 7.310   | 98    | 422515   | 47.253   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 94.500%  |
| 43) trans-1,3-Dichloroprop... | 7.619   | 79    | 68033    | 45.122   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 90.240%  |
| 47) 2-Hexanone-d5             | 8.085   | 63    | 162229   | 109.832  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 109.830% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.211  | 84    | 233244   | 52.558   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 105.120% |
| 66) 1,2-Dichlorobenzene-d4    | 11.622  | 152   | 159496   | 55.389   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 110.780% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.111   | 96    | 27206    | 11.075   | ug/L   | # 1      |
| 20) cis-1,2-Dichloroethene    | 3.905   | 96    | 34942    | 13.400   | ug/L   | 92       |
| 30) 1,1,1-Trichloroethane     | 4.603   | 97    | 31830    | 7.633    | ug/L   | 99       |
| 34) Trichloroethene           | 5.905   | 95    | 433914   | 173.253  | ug/L   | 98       |
| -----                         |         |       |          |          |        |          |

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

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