

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW092122\  
 Data File : VW028012.D  
 Acq On : 21 Sep 2022 13:26  
 Operator : SY/MD  
 Sample : N4619-02DL 10X  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0E14DL

Quant Time: Sep 22 03:23:07 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM092022WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Sep 22 03:03:58 2022  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon           | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|----------------|------------|----------|--------|----------|
| Internal Standards            |         |                |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.609   | 114            | 348715     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850   | 117            | 329665     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.246  | 152            | 151162     | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |                |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.301   | 65             | 114754     | 37.485   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery = | 74.980%  |        |          |
| 7) Chloroethane-d5            | 1.558   | 69             | 106274     | 43.457   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery = | 86.920%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.098   | 63             | 174163     | 32.114   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery = | 64.220%  |        |          |
| 21) 2-Butanone-d5             | 3.873   | 46             | 188561     | 103.583  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery = | 103.580% |        |          |
| 24) Chloroform-d              | 4.339   | 84             | 229057     | 44.566   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery = | 89.140%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.024   | 65             | 152783     | 45.869   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery = | 91.740%  |        |          |
| 32) Benzene-d6                | 5.043   | 84             | 445107     | 46.844   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery = | 93.680%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 6.063   | 67             | 143127     | 48.780   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery = | 97.560%  |        |          |
| 41) Toluene-d8                | 7.310   | 98             | 381278     | 43.818   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery = | 87.640%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.616   | 79             | 64925      | 44.249   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery = | 88.500%  |        |          |
| 47) 2-Hexanone-d5             | 8.085   | 63             | 140388     | 97.668   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery = | 97.670%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.210  | 84             | 200803     | 46.496   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery = | 93.000%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.622  | 152            | 152741     | 52.052   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery = | 104.100% |        |          |
| Target Compounds              |         |                |            |          |        |          |
| 12) 1,1-Dichloroethene        | 2.108   | 96             | 7393       | 2.922    | ug/L # | 1        |
| 20) cis-1,2-Dichloroethene    | 3.908   | 96             | 8540       | 3.180    | ug/L   | 87       |
| 30) 1,1,1-Trichloroethane     | 4.606   | 97             | 7791       | 1.920    | ug/L   | 96       |
| 34) Trichloroethene           | 5.908   | 95             | 85013      | 34.881   | ug/L   | 97       |

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

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