

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV041923\  
 Data File : VV030676.D  
 Acq On : 19 Apr 2023 19:41  
 Operator : SY/MD  
 Sample : 02334-07  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COMJ1

Quant Time: Apr 20 01:31:34 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM041723WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Apr 20 01:26:42 2023  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.542   | 114   | 216210   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.792   | 117   | 205545   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194  | 152   | 100794   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.281   | 65    | 49523    | 31.245   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 62.500%  |
| 7) Chloroethane-d5            | 1.535   | 69    | 46768    | 35.211   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 70.420%  |
| 11) 1,1-Dichloroethene-d2     | 2.066   | 65    | 25999    | 34.589   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 69.180%  |
| 21) 2-Butanone-d5             | 3.796   | 46    | 89901    | 103.267  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 103.270% |
| 24) Chloroform-d              | 4.259   | 84    | 122495   | 42.646   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 85.300%  |
| 26) 1,2-Dichloroethane-d4     | 4.953   | 65    | 86704    | 46.951   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 93.900%  |
| 32) Benzene-d6                | 4.969   | 84    | 209164   | 43.041   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 86.080%  |
| 36) 1,2-Dichloropropane-d6    | 5.998   | 67    | 70087    | 46.429   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 92.860%  |
| 41) Toluene-d8                | 7.252   | 98    | 179761   | 39.397   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 78.800%# |
| 43) trans-1,3-Dichloroprop... | 7.561   | 79    | 32022    | 42.088   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 84.180%  |
| 47) 2-Hexanone-d5             | 8.034   | 63    | 56046    | 94.248   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 94.250%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159  | 84    | 104094   | 47.522   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 95.040%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.570  | 152   | 81757    | 51.032   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 102.060% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 51) Chlorobenzene             | 8.821   | 112   | 8455     | 1.910    | ug/L   | 96       |
| 64) 1,3-Dichlorobenzene       | 11.127  | 146   | 3876     | 1.232    | ug/L   | 95       |
| 65) 1,4-Dichlorobenzene       | 11.217  | 146   | 19633    | 5.916    | ug/L   | 95       |
| 67) 1,2-Dichlorobenzene       | 11.586  | 146   | 27340    | 8.611    | ug/L   | 95       |
| 70) 1,2,4-trichlorobenzene    | 13.207  | 180   | 26259    | 13.009   | ug/L   | 100      |
| 72) 1,2,3-Trichlorobenzene    | 13.692  | 180   | 17978    | 8.982    | ug/L   | 97       |
| -----                         |         |       |          |          |        |          |

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

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