

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121623\  
 Data File : VX039272.D  
 Acq On : 16 Dec 2023 08:06  
 Operator : JC/MD  
 Sample : 05845-20  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 43 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 YCHJ8

Quant Time: Dec 16 20:16:37 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML120523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Dec 12 03:50:51 2023  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.757   | 114   | 202567   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 190508   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.018  | 152   | 91551    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 71918    | 45.265   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 90.520%  |
| 7) Chloroethane-d5            | 1.672   | 69    | 54865    | 46.718   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 93.440%  |
| 11) 1,1-Dichloroethene-d2     | 2.306   | 65    | 36449    | 52.261   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 104.520% |
| 21) 2-Butanone-d5             | 4.446   | 46    | 142322   | 98.958   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 98.960%  |
| 24) Chloroform-d              | 5.056   | 84    | 141137   | 50.180   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.360% |
| 26) 1,2-Dichloroethane-d4     | 5.952   | 65    | 100325   | 55.078   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 110.160% |
| 32) Benzene-d6                | 5.976   | 84    | 293518   | 49.923   | ug/L   | 0.01     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 99.840%  |
| 36) 1,2-Dichloropropane-d6    | 7.306   | 67    | 94250    | 49.812   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 99.620%  |
| 41) Toluene-d8                | 8.647   | 98    | 259469   | 48.698   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 97.400%  |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 40439    | 41.998   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 84.000%  |
| 47) 2-Hexanone-d5             | 9.384   | 63    | 101476   | 89.793   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 89.790%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189  | 84    | 128597   | 47.910   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 95.820%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.317  | 152   | 88257    | 51.001   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 102.000% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.313   | 96    | 1071     | 0.821    | ug/L   | # 1      |
| 13) Acetone                   | 2.373   | 43    | 23530    | 17.030   | ug/L   | 95       |
| 22) 2-Butanone                | 4.550   | 43    | 56459    | 33.297   | ug/L   | 100      |
| -----                         |         |       |          |          |        |          |

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

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