

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121623\  
 Data File : VX039260.D  
 Acq On : 16 Dec 2023 03:32  
 Operator : JC/MD  
 Sample : 05845-05  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 31 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 YCHE1

Quant Time: Dec 16 04:21:40 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM120523WMA.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        | 6.763   | 114   | 240402   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 223646   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 104097   | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 60244    | 31.950   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 63.900%  |
| 7) Chloroethane-d5            | 1.666   | 69    | 49084    | 35.218   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 70.440%  |
| 11) 1,1-Dichloroethene-d2     | 2.306   | 65    | 32397    | 39.141   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 78.280%  |
| 21) 2-Butanone-d5             | 4.446   | 46    | 148208   | 86.833   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 86.830%  |
| 24) Chloroform-d              | 5.056   | 84    | 141820   | 42.488   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 84.980%  |
| 26) 1,2-Dichloroethane-d4     | 5.952   | 65    | 100398   | 46.443   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 92.880%  |
| 32) Benzene-d6                | 5.970   | 84    | 283287   | 41.043   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 82.080%  |
| 36) 1,2-Dichloropropane-d6    | 7.306   | 67    | 93063    | 41.897   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 83.800%  |
| 41) Toluene-d8                | 8.647   | 98    | 253609   | 40.545   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 81.100%  |
| 43) trans-1,3-Dichloroprop... | 8.945   | 79    | 42233    | 37.362   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 74.720%  |
| 47) 2-Hexanone-d5             | 9.384   | 63    | 104459   | 78.737   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 78.740%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189  | 84    | 135615   | 43.038   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 86.080%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.317  | 152   | 87961    | 44.704   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 89.400%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.319   | 96    | 32582    | 21.038   | ug/L # | 60       |
| 13) Acetone                   | 2.373   | 43    | 57365    | 34.985   | ug/L   | 97       |
| 18) Methyl tert-butyl Ether   | 3.105   | 73    | 11609    | 2.044    | ug/L # | 95       |
| 19) 1,1-Dichloroethane        | 3.611   | 63    | 16200    | 5.021    | ug/L   | 97       |
| 22) 2-Butanone                | 4.556   | 43    | 65148    | 32.374   | ug/L   | 100      |
| 27) 1,2-Dichloroethane        | 6.086   | 62    | 59392    | 23.383   | ug/L # | 94       |
| 30) 1,1,1-Trichloroethane     | 5.385   | 97    | 56224    | 20.720   | ug/L   | 97       |
| -----                         |         |       |          |          |        |          |

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

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