

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121623\  
 Data File : VX039279.D  
 Acq On : 16 Dec 2023 10:54  
 Operator : JC/MD  
 Sample : 05844-10  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 50 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 YCHG6

Quant Time: Dec 16 21:11:13 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   | 215833   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 201913   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.018  | 152   | 98646    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 74155    | 43.804   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 87.600%  |
| 7) Chloroethane-d5            | 1.666   | 69    | 55051    | 43.996   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 88.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.306   | 65    | 36575    | 49.219   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 98.440%  |
| 21) 2-Butanone-d5             | 4.446   | 46    | 146384   | 95.527   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 95.530%  |
| 24) Chloroform-d              | 5.050   | 84    | 143762   | 47.972   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.940%  |
| 26) 1,2-Dichloroethane-d4     | 5.952   | 65    | 100211   | 51.634   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 103.260% |
| 32) Benzene-d6                | 5.970   | 84    | 299408   | 48.048   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 96.100%  |
| 36) 1,2-Dichloropropane-d6    | 7.306   | 67    | 95666    | 47.704   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 95.400%  |
| 41) Toluene-d8                | 8.647   | 98    | 267654   | 47.397   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 94.800%  |
| 43) trans-1,3-Dichloroprop... | 8.945   | 79    | 44580    | 43.684   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 87.360%  |
| 47) 2-Hexanone-d5             | 9.378   | 63    | 105259   | 87.880   | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 87.880%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189  | 84    | 133553   | 46.946   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 93.900%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.317  | 152   | 89932    | 48.232   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 96.460%  |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 12) 1,1-Dichloroethene        | 2.319   | 96    | 103802   | 74.655   | ug/L   | 85       |
| 13) Acetone                   | 2.373   | 43    | 36915    | 25.076   | ug/L   | 96       |
| 19) 1,1-Dichloroethane        | 3.605   | 63    | 25089    | 8.661    | ug/L   | 94       |
| 20) cis-1,2-Dichloroethene    | 4.483   | 96    | 26979    | 15.877   | ug/L   | 98       |
| 22) 2-Butanone                | 4.550   | 43    | 65752    | 36.394   | ug/L   | 99       |
| 30) 1,1,1-Trichloroethane     | 5.379   | 97    | 10521    | 4.295    | ug/L   | 97       |
| 34) Trichloroethene           | 7.129   | 95    | 15272    | 9.006    | ug/L   | 95       |
| -----                         |         |       |          |          |        |          |

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

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