

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031824\  
 Data File : VX040697.D  
 Acq On : 18 Mar 2024 14:28  
 Operator : JC/MD  
 Sample : P1753-13  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 YCKW8

Quant Time: Mar 19 01:24:29 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML030724WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 19 01:22:22 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 03/19/2024  
 Supervised By : Semsettin Yesilyurt 03/19/2024

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763          | 114  | 146788     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 138005     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 66465      | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.367          | 65   | 60916      | 47.342   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 94.680%  |        |          |
| 7) Chloroethane-d5            | 1.666          | 69   | 51317      | 49.955   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 99.900%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.306          | 65   | 28713      | 48.475   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 96.960%  |        |          |
| 21) 2-Butanone-d5             | 4.452          | 46   | 90945      | 92.106   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 92.110%  |        |          |
| 24) Chloroform-d              | 5.056          | 84   | 118108     | 49.427   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 98.860%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.958          | 65   | 86290      | 48.368   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.740%  |        |          |
| 32) Benzene-d6                | 5.970          | 84   | 213565     | 50.441   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 100.880% |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.305          | 67   | 67219      | 51.226   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 102.460% |        |          |
| 41) Toluene-d8                | 8.647          | 98   | 202153     | 49.544   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 99.080%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.951          | 79   | 33533      | 48.014   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 96.020%  |        |          |
| 47) 2-Hexanone-d5             | 9.384          | 63   | 66885      | 92.377   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 92.380%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189         | 84   | 95942      | 48.834   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 97.660%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323         | 152  | 73913      | 53.095   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 106.200% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        |          |
| 5) Vinyl chloride             | 1.373          | 62   | 2458       | 1.995    | ug/L # | 60       |
| 12) 1,1-Dichloroethene        | 2.318          | 96   | 15804      | 17.663   | ug/L # | 6        |
| 13) Acetone                   | 2.379          | 43   | 117433     | 166.547  | ug/L   | 100      |
| 19) 1,1-Dichloroethane        | 3.611          | 63   | 9169       | 5.137    | ug/L # | 88       |
| 20) cis-1,2-Dichloroethene    | 4.495          | 96   | 4116       | 3.996    | ug/L   | 81       |
| 22) 2-Butanone                | 4.562          | 43   | 4003m      | 4.287    | ug/L   |          |
| -----                         |                |      |            |          |        |          |

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

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