

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX031524\  
 Data File : VX040678.D  
 Acq On : 16 Mar 2024 01:10  
 Operator : JC/MD  
 Sample : P1754-17  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 42 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 YCL25

Quant Time: Mar 16 05:55:41 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXMLM030724WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Mar 16 05:02:38 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763          | 114  | 154045     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 123813     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 69264      | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.367          | 65   | 43239      | 32.021   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 64.040%  |        |          |
| 7) Chloroethane-d5            | 1.666          | 69   | 42839      | 39.737   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 79.480%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.306          | 65   | 20672      | 33.256   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 66.520%  |        |          |
| 21) 2-Butanone-d5             | 4.452          | 46   | 99268      | 95.799   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 95.800%  |        |          |
| 24) Chloroform-d              | 5.062          | 84   | 107348     | 42.808   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.620%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.952          | 65   | 83202      | 44.440   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 88.880%  |        |          |
| 32) Benzene-d6                | 5.976          | 84   | 180872     | 47.616   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.240%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.305          | 67   | 61332      | 52.097   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 104.200% |        |          |
| 41) Toluene-d8                | 8.647          | 98   | 160872     | 43.946   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 87.900%  |        |          |
| 43) trans-1,3-Dichloroprop... | 8.951          | 79   | 28355      | 45.254   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 90.500%  |        |          |
| 47) 2-Hexanone-d5             | 9.384          | 63   | 63748      | 98.136   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 98.140%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189         | 84   | 96472      | 54.732   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 109.460% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.317         | 152  | 65957      | 45.466   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 90.940%  |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 5) Vinyl chloride             | 1.374          | 62   | 57807      | 44.705   | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.319          | 96   | 41170      | 43.846   | ug/L   | 95       |
| 13) Acetone                   | 2.379          | 43   | 66654      | 90.077   | ug/L   | 100      |
| 19) 1,1-Dichloroethane        | 3.611          | 63   | 34139      | 18.227   | ug/L   | 96       |
| 20) cis-1,2-Dichloroethene    | 4.501          | 96   | 1776       | 1.643    | ug/L   | 75       |
| 27) 1,2-Dichloroethane        | 6.092          | 62   | 7008       | 3.773    | ug/L # | 96       |
| 30) 1,1,1-Trichloroethane     | 5.379          | 97   | 31141      | 20.194   | ug/L   | 100      |
| -----                         |                |      |            |          |        |          |

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

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