

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031524\  
 Data File : VW034645.D  
 Acq On : 15 Mar 2024 11:55  
 Operator : SY/MD  
 Sample : P1752-12  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YCL49

Quant Time: Mar 15 23:32:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM022924WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Mar 15 23:30:32 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.535          | 114  | 291844     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 276867     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 122509     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 86649      | 34.249   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 68.500%  |       |          |
| 7) Chloroethane-d5            | 1.532          | 69   | 78202      | 39.676   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 79.360%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.060          | 65   | 41703      | 36.448   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 72.900%  |       |          |
| 21) 2-Butanone-d5             | 3.793          | 46   | 176507     | 104.325  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 104.320% |       |          |
| 24) Chloroform-d              | 4.249          | 84   | 189881     | 42.448   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 84.900%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.941          | 65   | 134761     | 46.101   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.200%  |       |          |
| 32) Benzene-d6                | 4.960          | 84   | 358532     | 42.908   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.820%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67   | 119277     | 46.774   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 93.540%  |       |          |
| 41) Toluene-d8                | 7.243          | 98   | 309170     | 40.886   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 81.780%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.555          | 79   | 53143      | 41.500   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 83.000%  |       |          |
| 47) 2-Hexanone-d5             | 8.024          | 63   | 129142     | 101.416  | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 101.420% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153         | 84   | 164507     | 49.021   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 98.040%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 118505     | 47.324   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 94.640%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 12) 1,1-Dichloroethene        | 2.069          | 96   | 27254      | 12.471   | ug/L  | # 32     |
| 13) Acetone                   | 2.124          | 43   | 67017      | 32.949   | ug/L  | 100      |
| 19) 1,1-Dichloroethane        | 3.114          | 63   | 8642       | 2.086    | ug/L  | 99       |
| 30) 1,1,1-Trichloroethane     | 4.516          | 97   | 9015       | 2.271    | ug/L  | 97       |
| -----                         |                |      |            |          |       |          |

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

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