

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW083123\  
 Data File : VW031969.D  
 Acq On : 31 Aug 2023 18:14  
 Operator : SY/MD  
 Sample : 04235-11ME  
 Misc : 5.15g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EZYW8ME

Quant Time: Sep 01 02:12:04 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082323WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Sep 01 00:57:38 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 09/01/2023  
 Supervised By : Mahesh Dadoda 09/01/2023

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.535          | 114  | 311008     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.792          | 117  | 303483     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.194         | 152  | 158120     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 48502      | 24.919   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 49.840%# |       |          |
| 7) Chloroethane-d5            | 1.526          | 69   | 29890      | 17.518   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 35.040%# |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.040          | 65   | 23971      | 26.301   | ug/L  | -0.02    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 52.600%# |       |          |
| 21) 2-Butanone-d5             | 3.815          | 46   | 113526     | 74.159   | ug/L  | 0.03     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 74.160%  |       |          |
| 24) Chloroform-d              | 4.256          | 84   | 138062     | 32.452   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 64.900%# |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.947          | 65   | 94289      | 33.397   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 66.800%# |       |          |
| 32) Benzene-d6                | 4.960          | 84   | 267714     | 32.328   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 64.660%# |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.992          | 67   | 97827      | 36.702   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 73.400%  |       |          |
| 41) Toluene-d8                | 7.246          | 98   | 236968     | 31.056   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 62.120%# |       |          |
| 43) trans-1,3-Dichloroprop... | 7.561          | 79   | 44898      | 32.499   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 65.000%  |       |          |
| 47) 2-Hexanone-d5             | 8.072          | 63   | 63587m     | 77.835   | ug/L  | 0.05     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 77.840%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.165         | 84   | 139602     | 40.531   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 81.060%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.570         | 152  | 100134     | 34.739   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 69.480%# |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 46) Tetrachloroethene         | 7.911          | 164  | 6308       | 4.028    | ug/L  | 97       |
| -----                         |                |      |            |          |       |          |

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

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