

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW060421\  
 Data File : VW021505.D  
 Acq On : 04 Jun 2021 14:32  
 Operator : SY/MD  
 Sample : M2618-15  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG5W0

Manual Integrations  
 APPROVED

MMDadoda  
 6/8/2021 10:04:08 AM

Quant Time: Jun 05 03:58:40 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM052721WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 05 03:34:55 2021  
 Response via : Initial Calibration

| Compound                      | R.T.     | QIon  | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|----------|-------|----------|---------|----------|----------|
| -----                         |          |       |          |         |          |          |
| Internal Standards            |          |       |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 5.619    | 114   | 460301   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.853    | 117   | 430228   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252   | 152   | 243779   | 50.000  | ug/L     | 0.00     |
|                               |          |       |          |         |          |          |
| System Monitoring Compounds   |          |       |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.307    | 65    | 109670   | 36.188  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 135 | Recovery | =       | 72.380%  |          |
| 7) Chloroethane-d5            | 1.567    | 69    | 84759    | 37.597  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 130 | Recovery | =       | 75.200%  |          |
| 11) 1,1-Dichloroethene-d2     | 2.108    | 63    | 153924   | 29.724  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | =       | 59.440%# |          |
| 21) 2-Butanone-d5             | 3.882    | 46    | 257639   | 118.555 | ug/L     | 0.00     |
| Spiked Amount 100.000         | Range 40 | - 130 | Recovery | =       | 118.560% |          |
| 24) Chloroform-d              | 4.352    | 84    | 262380   | 43.492  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =       | 86.980%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.033    | 65    | 162243   | 46.692  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =       | 93.380%  |          |
| 32) Benzene-d6                | 5.053    | 84    | 530753   | 44.098  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 125 | Recovery | =       | 88.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.072    | 67    | 172409   | 46.386  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 70 | - 120 | Recovery | =       | 92.780%  |          |
| 41) Toluene-d8                | 7.316    | 98    | 499485   | 43.560  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | =       | 87.120%  |          |
| 43) trans-1,3-Dichloroprop... | 7.622    | 79    | 87015    | 43.746  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 60 | - 125 | Recovery | =       | 87.500%  |          |
| 47) 2-Hexanone-d5             | 8.088    | 63    | 187820   | 110.049 | ug/L     | 0.00     |
| Spiked Amount 100.000         | Range 45 | - 130 | Recovery | =       | 110.050% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217   | 84    | 255937   | 49.606  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 65 | - 120 | Recovery | =       | 99.220%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.625   | 152   | 231726   | 45.728  | ug/L     | 0.00     |
| Spiked Amount 50.000          | Range 80 | - 120 | Recovery | =       | 91.460%  |          |
|                               |          |       |          |         |          |          |
| Target Compounds              | Qvalue   |       |          |         |          |          |
| 13) Acetone                   | 2.175    | 43    | 50620    | 27.072  | ug/L #   | 85       |
| 22) 2-Butanone                | 4.001    | 43    | 20131m   | 8.499   | ug/L     |          |
| 29) Cyclohexane               | 4.680    | 56    | 28395    | 5.665   | ug/L     | 98       |
| 33) Benzene                   | 5.107    | 78    | 13844    | 1.124   | ug/L     | 100      |
| 35) Methylcyclohexane         | 6.133    | 83    | 26646    | 4.959   | ug/L     | 94       |
| 40) 4-Methyl-2-pentanone      | 7.233    | 43    | 24844    | 5.836   | ug/L     | 99       |
| 42) Toluene                   | 7.390    | 91    | 315589   | 23.102  | ug/L     | 100      |
| 52) Ethylbenzene              | 9.014    | 91    | 122480   | 8.163   | ug/L     | 99       |
| 53) m,p-Xylene                | 9.136    | 106   | 371669   | 64.470  | ug/L     | 99       |
| 54) o-Xylene                  | 9.545    | 106   | 146035   | 25.655  | ug/L     | 100      |
| 60) Isopropylbenzene          | 9.934    | 105   | 13530    | 0.896   | ug/L     | 98       |
| 62) 1,3,5-Trimethylbenzene    | 10.541   | 105   | 143332   | 11.022  | ug/L     | 100      |
| 63) 1,2,4-Trimethylbenzene    | 10.914   | 105   | 537408   | 40.908  | ug/L     | 99       |
| -----                         |          |       |          |         |          |          |

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

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