

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV050721\  
 Data File : VV021322.D  
 Acq On : 07 May 2021 13:20  
 Operator : SY/MD  
 Sample : M2327-03 80X  
 Misc : 5.63g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 7 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG7F4

Manual Integrations  
 APPROVED

MMDadoda  
 5/11/2021 1:52:54 PM

Quant Time: May 08 00:36:55 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM050321WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat May 08 00:36:06 2021  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon           | Response  | Conc    | Units   | Dev(Min)  |
|-------------------------------|---------|----------------|-----------|---------|---------|-----------|
| -----                         |         |                |           |         |         |           |
| Internal Standards            |         |                |           |         |         |           |
| 1) 1,4-Difluorobenzene        | 5.619   | 114            | 700606    | 50.00   | ug/L    | 0.00      |
| 28) Chlorobenzene-d5          | 8.857   | 117            | 680711    | 50.00   | ug/L    | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.255  | 152            | 378214    | 50.00   | ug/L    | 0.00      |
| System Monitoring Compounds   |         |                |           |         |         |           |
| 4) Vinyl Chloride-d3          | 1.307   | 65             | 157000    | 50.52   | ug/L    | 0.00      |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery  | =       | 101.04% |           |
| 7) Chloroethane-d5            | 1.568   | 69             | 138104    | 49.73   | ug/L    | 0.00      |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery  | =       | 99.46%  |           |
| 11) 1,1-Dichloroethene-d2     | 2.108   | 63             | 292326    | 33.72   | ug/L    | 0.00      |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery  | =       | 67.44%  |           |
| 21) 2-Butanone-d5             | 3.902   | 46             | 218793m   | 87.73   | ug/L    | 0.00      |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery  | =       | 87.73%  |           |
| 24) Chloroform-d              | 4.352   | 84             | 451136    | 45.61   | ug/L    | 0.00      |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery  | =       | 91.22%  |           |
| 26) 1,2-Dichloroethane-d4     | 5.037   | 65             | 347371    | 46.91   | ug/L    | 0.00      |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery  | =       | 93.82%  |           |
| 32) Benzene-d6                | 5.053   | 84             | 760573    | 48.51   | ug/L    | 0.00      |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery  | =       | 97.02%  |           |
| 36) 1,2-Dichloropropane-d6    | 6.072   | 67             | 190156    | 47.22   | ug/L    | 0.00      |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery  | =       | 94.44%  |           |
| 41) Toluene-d8                | 7.320   | 98             | 774680    | 47.69   | ug/L    | 0.00      |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery  | =       | 95.38%  |           |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79             | 132348m   | 44.19   | ug/L    | 0.00      |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery  | =       | 88.38%  |           |
| 47) 2-Hexanone-d5             | 8.092   | 63             | 167949    | 90.31   | ug/L    | 0.00      |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery  | =       | 90.31%  |           |
| 56) 1,1,2,2-Tetrachloroeth... | 10.220  | 84             | 291276    | 45.20   | ug/L    | 0.00      |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery  | =       | 90.40%  |           |
| 66) 1,2-Dichlorobenzene-d4    | 11.632  | 152            | 345777    | 46.39   | ug/L    | 0.00      |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery  | =       | 92.78%  |           |
| Target Compounds              |         |                |           |         |         |           |
| 34) Trichloroethene           | 5.921   | 95             | 13653     | 2.44    | ug/L    | Qvalue 87 |
| 46) Tetrachloroethene         | 7.982   | 164            | 21860284m | 4539.32 | ug/L    |           |
| -----                         |         |                |           |         |         |           |

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

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