

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082021\  
 Data File : VV021922.D  
 Acq On : 20 Aug 2021 18:37  
 Operator : SY/MD  
 Sample : M3472-10ME  
 Misc : 5.50g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AC0ME

Manual Integrations  
 APPROVED

SAM  
 8/23/2021 10:52:42 AM

Quant Time: Aug 21 00:56:35 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM081621WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Aug 21 00:50:00 2021  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|-------|----------|
| -----                         |         |       |          |          |       |          |
| Internal Standards            |         |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.612   | 114   | 433171   | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.857   | 117   | 417723   | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252  | 152   | 215569   | 50.000   | ug/L  | 0.00     |
|                               |         |       |          |          |       |          |
| System Monitoring Compounds   |         |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.301   | 65    | 125277   | 36.994   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 73.980%  |
| 7) Chloroethane-d5            | 1.529   | 69    | 27577    | 10.791   | ug/L  | -0.03    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 21.580%# |
| 11) 1,1-Dichloroethene-d2     | 2.072   | 63    | 147871   | 27.432   | ug/L  | -0.03    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 54.860%# |
| 21) 2-Butanone-d5             | 3.892   | 46    | 181242m  | 86.055   | ug/L  | 0.02     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 86.060%  |
| 24) Chloroform-d              | 4.346   | 84    | 217067   | 36.998   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 74.000%  |
| 26) 1,2-Dichloroethane-d4     | 5.027   | 65    | 135211   | 40.065   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 80.120%  |
| 32) Benzene-d6                | 5.043   | 84    | 468233   | 38.980   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 77.960%  |
| 36) 1,2-Dichloropropane-d6    | 6.069   | 67    | 143628   | 38.396   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 76.800%  |
| 41) Toluene-d8                | 7.317   | 98    | 422120   | 38.019   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 76.040%# |
| 43) trans-1,3-Dichloroprop... | 7.625   | 79    | 60836    | 33.045   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 66.100%  |
| 47) 2-Hexanone-d5             | 8.108   | 63    | 106015   | 86.471   | ug/L  | 0.02     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 86.470%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.223  | 84    | 189782   | 40.940   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 81.880%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.628  | 152   | 179895   | 40.324   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 80.640%  |
|                               |         |       |          |          |       |          |
| Target Compounds              |         |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 2.490   | 84    | 7243     | 2.034    | ug/L  | 95       |
| 35) Methylcyclohexane         | 6.124   | 83    | 7085     | 1.315    | ug/L  | 89       |
| -----                         |         |       |          |          |       |          |

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

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