

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV082321\  
 Data File : VV021934.D  
 Acq On : 23 Aug 2021 16:35  
 Operator : SY/MD  
 Sample : M3486-05ME  
 Misc : 4.39g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 10 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0AB8ME

Manual Integrations  
 APPROVED

SAM  
 8/24/2021 11:19:53 AM

Quant Time: Aug 24 02:29:42 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM081621WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Aug 24 02:24:25 2021  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon           | Response | Conc    | Units    | Dev(Min) |
|-------------------------------|---------|----------------|----------|---------|----------|----------|
| -----                         |         |                |          |         |          |          |
| Internal Standards            |         |                |          |         |          |          |
| 1) 1,4-Difluorobenzene        | 5.616   | 114            | 414493   | 50.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.857   | 117            | 402233   | 50.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.252  | 152            | 219013   | 50.000  | ug/L     | 0.00     |
|                               |         |                |          |         |          |          |
| System Monitoring Compounds   |         |                |          |         |          |          |
| 4) Vinyl Chloride-d3          | 1.301   | 65             | 115163   | 35.540  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 135 | Recovery | =       | 71.080%  |          |
| 7) Chloroethane-d5            | 1.529   | 69             | 27064    | 11.068  | ug/L     | -0.02    |
| Spiked Amount                 | 50.000  | Range 70 - 130 | Recovery | =       | 22.140%# |          |
| 11) 1,1-Dichloroethene-d2     | 2.072   | 63             | 138244   | 26.802  | ug/L     | -0.03    |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 53.600%# |          |
| 21) 2-Butanone-d5             | 3.895   | 46             | 171390m  | 85.044  | ug/L     | 0.03     |
| Spiked Amount                 | 100.000 | Range 40 - 130 | Recovery | =       | 85.040%  |          |
| 24) Chloroform-d              | 4.346   | 84             | 217092   | 38.669  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 77.340%  |          |
| 26) 1,2-Dichloroethane-d4     | 5.027   | 65             | 142979   | 44.276  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 88.560%  |          |
| 32) Benzene-d6                | 5.043   | 84             | 480176   | 41.513  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 125 | Recovery | =       | 83.020%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.069   | 67             | 151385   | 42.028  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 70 - 120 | Recovery | =       | 84.060%  |          |
| 41) Toluene-d8                | 7.317   | 98             | 452254   | 42.302  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 84.600%  |          |
| 43) trans-1,3-Dichloroprop... | 7.622   | 79             | 69958    | 39.464  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 60 - 125 | Recovery | =       | 78.920%  |          |
| 47) 2-Hexanone-d5             | 8.104   | 63             | 131361   | 111.270 | ug/L     | 0.02     |
| Spiked Amount                 | 100.000 | Range 45 - 130 | Recovery | =       | 111.270% |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.223  | 84             | 208476   | 46.705  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 65 - 120 | Recovery | =       | 93.400%  |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.628  | 152            | 199728   | 44.065  | ug/L     | 0.00     |
| Spiked Amount                 | 50.000  | Range 80 - 120 | Recovery | =       | 88.140%  |          |
|                               |         |                |          |         |          |          |
| Target Compounds              |         |                |          |         |          | Qvalue   |
| 16) Methylene chloride        | 2.494   | 84             | 8480     | 2.488   | ug/L     | 94       |
| 25) Chloroform                | 4.375   | 83             | 9176     | 1.666   | ug/L     | 88       |
| -----                         |         |                |          |         |          |          |

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

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