

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120721\  
 Data File : VX025598.D  
 Acq On : 07 Dec 2021 23:53  
 Operator : JC/MD  
 Sample : M4886-16ME  
 Misc : 5.90g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 35 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EX895ME

Quant Time: Dec 08 13:56:29 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM112221WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Dec 08 07:24:50 2021  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|-------|----------|
| -----                         |         |       |          |          |       |          |
| Internal Standards            |         |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 155471   | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 10.061  | 117   | 139005   | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 70587    | 50.000   | ug/L  | 0.00     |
|                               |         |       |          |          |       |          |
| System Monitoring Compounds   |         |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 45660    | 43.034   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 86.060%  |
| 7) Chloroethane-d5            | 1.648   | 69    | 22437    | 25.622   | ug/L  | -0.02    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 51.240%# |
| 11) 1,1-Dichloroethene-d2     | 2.282   | 63    | 63431    | 37.494   | ug/L  | -0.02    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 74.980%  |
| 21) 2-Butanone-d5             | 4.489   | 46    | 61170    | 77.448   | ug/L  | 0.03     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 77.450%  |
| 24) Chloroform-d              | 5.062   | 84    | 79295    | 42.762   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 85.520%  |
| 26) 1,2-Dichloroethane-d4     | 5.964   | 65    | 52423    | 45.355   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 90.700%  |
| 32) Benzene-d6                | 5.971   | 84    | 178111   | 48.346   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 96.700%  |
| 36) 1,2-Dichloropropane-d6    | 7.312   | 67    | 51435    | 45.093   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 90.180%  |
| 41) Toluene-d8                | 8.653   | 98    | 163778   | 47.099   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 94.200%  |
| 43) trans-1,3-Dichloroprop... | 8.958   | 79    | 20204    | 35.231   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 70.460%  |
| 47) 2-Hexanone-d5             | 9.403   | 63    | 44322    | 74.648   | ug/L  | 0.02     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 74.650%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 65569    | 40.675   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 81.340%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 64434    | 46.541   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 93.080%  |
|                               |         |       |          |          |       |          |
| Target Compounds              |         |       |          |          |       | Qvalue   |
| 34) Trichloroethene           | 7.129   | 95    | 6643     | 6.801    | ug/L  | 94       |
| 46) Tetrachloroethene         | 9.275   | 164   | 32129    | 38.787   | ug/L  | 96       |
| -----                         |         |       |          |          |       |          |

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

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