

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120721\  
 Data File : VX025575.D  
 Acq On : 07 Dec 2021 13:34  
 Operator : JC/MD  
 Sample : M4881-14ME  
 Misc : 4.40g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 11 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EW9F0ME

Quant Time: Dec 08 05:34:25 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXLM112221WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Dec 08 05:26:42 2021  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763   | 114   | 136501   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.061  | 117   | 122608   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 61486    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 40438    | 43.409   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 86.820%  |
| 7) Chloroethane-d5            | 1.648   | 69    | 22489    | 29.250   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 58.500%# |
| 11) 1,1-Dichloroethene-d2     | 2.282   | 63    | 63477    | 42.736   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 85.480%  |
| 21) 2-Butanone-d5             | 4.483   | 46    | 71928    | 103.725  | ug/L   | 0.03     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 103.730% |
| 24) Chloroform-d              | 5.068   | 84    | 87168    | 53.540   | ug/L   | 0.01     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 107.080% |
| 26) 1,2-Dichloroethane-d4     | 5.958   | 65    | 58404    | 57.552   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 115.100% |
| 32) Benzene-d6                | 5.971   | 84    | 187197   | 57.608   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 115.220% |
| 36) 1,2-Dichloropropane-d6    | 7.312   | 67    | 56957    | 56.613   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 113.220% |
| 41) Toluene-d8                | 8.653   | 98    | 172178   | 56.136   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 112.280% |
| 43) trans-1,3-Dichloroprop... | 8.958   | 79    | 20767    | 41.056   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 82.120%  |
| 47) 2-Hexanone-d5             | 9.397   | 63    | 52233    | 99.737   | ug/L   | 0.01     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 99.740%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 77465    | 54.481   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 108.960% |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 70546    | 58.498   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 117.000% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 34) Trichloroethene           | 7.123   | 95    | 14655    | 17.011   | ug/L   | 96       |
| 35) Methylcyclohexane         | 7.373   | 83    | 2220     | 1.637    | ug/L # | 83       |
| 42) Toluene                   | 8.720   | 91    | 3777     | 1.046    | ug/L   | 98       |
| -----                         |         |       |          |          |        |          |

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

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