

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX120721\  
 Data File : VX025576.D  
 Acq On : 07 Dec 2021 13:57  
 Operator : JC/MD  
 Sample : M4881-18ME  
 Misc : 3.46g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EW9F4ME

Quant Time: Dec 08 05:34:38 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML112221WMA.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   | 95810    | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.061  | 117   | 82668    | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 39145    | 50.000   | ug/L   | 0.00     |
|                               |         |       |          |          |        |          |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 25374    | 38.806   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 77.620%  |
| 7) Chloroethane-d5            | 1.648   | 69    | 13853    | 25.670   | ug/L   | -0.02    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 51.340%# |
| 11) 1,1-Dichloroethene-d2     | 2.276   | 63    | 38535    | 36.962   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 73.920%  |
| 21) 2-Butanone-d5             | 4.489   | 46    | 44660    | 91.755   | ug/L   | 0.04     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 91.750%  |
| 24) Chloroform-d              | 5.068   | 84    | 54391    | 47.596   | ug/L   | 0.01     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.958   | 65    | 36493    | 51.233   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 102.460% |
| 32) Benzene-d6                | 5.971   | 84    | 117179   | 53.483   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 106.960% |
| 36) 1,2-Dichloropropane-d6    | 7.312   | 67    | 36651    | 54.030   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 108.060% |
| 41) Toluene-d8                | 8.653   | 98    | 106099   | 51.305   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 102.600% |
| 43) trans-1,3-Dichloroprop... | 8.958   | 79    | 12191    | 35.746   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 71.500%  |
| 47) 2-Hexanone-d5             | 9.403   | 63    | 31655    | 89.647   | ug/L   | 0.02     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 89.650%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 47037    | 49.064   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 98.120%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 41001    | 53.403   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 106.800% |
|                               |         |       |          |          |        |          |
| Target Compounds              |         |       |          |          |        | Qvalue   |
| 29) Cyclohexane               | 5.458   | 56    | 3144     | 3.712    | ug/L   | 94       |
| 34) Trichloroethene           | 7.129   | 95    | 2774     | 4.776    | ug/L   | 98       |
| 35) Methylcyclohexane         | 7.379   | 83    | 12419    | 13.584   | ug/L   | 98       |
| 42) Toluene                   | 8.720   | 91    | 6947     | 2.852    | ug/L   | 99       |
| 46) Tetrachloroethene         | 9.275   | 164   | 6573     | 13.343   | ug/L   | 97       |
| 52) Ethylbenzene              | 10.195  | 91    | 1993     | 0.761    | ug/L   | 99       |
| 53) m,p-Xylene                | 10.305  | 106   | 3676     | 3.467    | ug/L   | 98       |
| 54) o-Xylene                  | 10.647  | 106   | 3336     | 3.143    | ug/L   | 93       |
| 60) Isopropylbenzene          | 10.970  | 105   | 1986     | 0.789    | ug/L   | 95       |
| 63) 1,2,4-Trimethylbenzene    | 11.756  | 105   | 4997     | 2.350    | ug/L # | 81       |
| -----                         |         |       |          |          |        |          |

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

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