

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072024\  
 Data File : VX042411.D  
 Acq On : 19 Jul 2024 18:52  
 Operator : JC/MD  
 Sample : P3238-09MERE  
 Misc : 5.41g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 A4BF4MERE

Quant Time: Jul 20 01:57:09 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML070324WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jul 20 01:45:50 2024  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|-------|----------|
| -----                         |         |       |          |          |       |          |
| Internal Standards            |         |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.757   | 114   | 224886   | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 202930   | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 99155    | 50.000   | ug/L  | 0.00     |
|                               |         |       |          |          |       |          |
| System Monitoring Compounds   |         |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 25952    | 19.826   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 39.660%# |
| 7) Chloroethane-d5            | 1.648   | 69    | 13346    | 16.193   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 32.380%# |
| 11) 1,1-Dichloroethene-d2     | 2.276   | 65    | 10727    | 18.725   | ug/L  | -0.02    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 37.440%# |
| 21) 2-Butanone-d5             | 4.495   | 46    | 38211    | 40.508   | ug/L  | 0.04     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 40.510%  |
| 24) Chloroform-d              | 5.062   | 84    | 52023    | 19.766   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 39.540%# |
| 26) 1,2-Dichloroethane-d4     | 5.958   | 65    | 34360    | 22.118   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 44.240%# |
| 32) Benzene-d6                | 5.964   | 84    | 115331   | 21.988   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 43.980%# |
| 36) 1,2-Dichloropropane-d6    | 7.312   | 67    | 34995    | 22.169   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 44.340%# |
| 41) Toluene-d8                | 8.647   | 98    | 101953   | 20.858   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 41.720%# |
| 43) trans-1,3-Dichloroprop... | 8.952   | 79    | 12089    | 17.720   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 35.440%# |
| 47) 2-Hexanone-d5             | 9.397   | 63    | 28455    | 39.713   | ug/L  | 0.01     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 39.710%# |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 46665    | 19.996   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 40.000%# |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 42745    | 22.195   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 44.380%# |
|                               |         |       |          |          |       |          |
| Target Compounds              |         |       |          |          |       | Qvalue   |
| 15) Methyl Acetate            | 2.721   | 43    | 16000    | 9.786    | ug/L  | 93       |
| -----                         |         |       |          |          |       |          |

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

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