

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX072024\  
 Data File : VX042410.D  
 Acq On : 19 Jul 2024 18:29  
 Operator : JC/MD  
 Sample : P3238-08MERE  
 Misc : 5.32g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 A4BF3MERE

Manual Integrations  
 APPROVED

Reviewed By : John Carlone 07/22/2024  
 Supervised By : Mahesh Dadoda 07/24/2024

Quant Time: Jul 20 01:56:50 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  | 304316     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 274985     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 136477     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.368          | 65   | 31125      | 17.572   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 35.140%# |       |          |
| 7) Chloroethane-d5            | 1.648          | 69   | 17909m     | 16.058   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 32.120%# |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.282          | 65   | 13799      | 17.800   | ug/L  | -0.01    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 35.600%# |       |          |
| 21) 2-Butanone-d5             | 4.489          | 46   | 47926      | 37.546   | ug/L  | 0.03     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 37.550%# |       |          |
| 24) Chloroform-d              | 5.056          | 84   | 64692      | 18.164   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 36.320%# |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.952          | 65   | 42216      | 20.082   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 40.160%# |       |          |
| 32) Benzene-d6                | 5.970          | 84   | 144797     | 20.372   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 40.740%# |       |          |
| 36) 1,2-Dichloropropane-d6    | 7.306          | 67   | 43367      | 20.274   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 40.540%# |       |          |
| 41) Toluene-d8                | 8.647          | 98   | 129121     | 19.494   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 38.980%# |       |          |
| 43) trans-1,3-Dichloroprop... | 8.952          | 79   | 15453      | 16.716   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 33.440%# |       |          |
| 47) 2-Hexanone-d5             | 9.390          | 63   | 36316      | 37.403   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 37.400%# |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195         | 84   | 59504      | 18.817   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 37.640%# |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323         | 152  | 55097      | 20.785   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 41.560%# |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 15) Methyl Acetate            | 2.715          | 43   | 30996      | 14.009   | ug/L  | 98       |
| -----                         |                |      |            |          |       |          |

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

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