

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV092324\  
 Data File : VV037480.D  
 Acq On : 23 Sep 2024 14:29  
 Operator : SY/MD  
 Sample : P4109-05ME  
 Misc : 4.64G/5mL/100ul/5ml/MSVOA\_V/MEOH  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Sep 24 03:59:39 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082624WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Sep 24 03:56:17 2024  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|-------|----------|
| -----                         |         |       |          |          |       |          |
| Internal Standards            |         |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.526   | 114   | 743643   | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.780   | 117   | 729652   | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181  | 152   | 358590   | 50.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |         |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.278   | 65    | 208990   | 30.722   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 61.440%  |
| 7) Chloroethane-d5            | 1.507   | 69    | 103462   | 19.679   | ug/L  | -0.03    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 39.360%# |
| 11) 1,1-Dichloroethene-d2     | 2.044   | 65    | 92480    | 32.346   | ug/L  | -0.02    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 64.700%  |
| 21) 2-Butanone-d5             | 3.806   | 46    | 105104   | 39.899   | ug/L  | 0.02     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 39.900%# |
| 24) Chloroform-d              | 4.240   | 84    | 384585   | 36.123   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 72.240%  |
| 26) 1,2-Dichloroethane-d4     | 4.934   | 65    | 237704   | 35.454   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 70.900%  |
| 32) Benzene-d6                | 4.947   | 84    | 784153   | 35.581   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 71.160%  |
| 36) 1,2-Dichloropropane-d6    | 5.982   | 67    | 245823   | 35.613   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 71.220%  |
| 41) Toluene-d8                | 7.236   | 98    | 670528   | 33.712   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 67.420%# |
| 43) trans-1,3-Dichloroprop... | 7.551   | 79    | 105845   | 33.144   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 66.280%  |
| 47) 2-Hexanone-d5             | 8.034   | 63    | 110574   | 58.695   | ug/L  | 0.01     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 58.700%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149  | 84    | 281979   | 33.683   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 67.360%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.554  | 152   | 270212   | 37.624   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 75.240%# |

| Target Compounds | Qvalue |
|------------------|--------|
| -----            |        |

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

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