

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX121021\  
 Data File : VX025699.D  
 Acq On : 10 Dec 2021 14:18  
 Operator : JC/MD  
 Sample : M4888-01ME  
 Misc : 5.22g/5.0mL/100uL/5.0mL/MSVOA\_X/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 EX8A8ME

Quant Time: Dec 10 23:33:24 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML112221WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 10 23:31:21 2021  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|-------|----------|
| -----                         |         |       |          |          |       |          |
| Internal Standards            |         |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.769   | 114   | 131762   | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 10.061  | 117   | 117498   | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 58725    | 50.000   | ug/L  | 0.00     |
|                               |         |       |          |          |       |          |
| System Monitoring Compounds   |         |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.368   | 65    | 33278    | 37.008   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 74.020%  |
| 7) Chloroethane-d5            | 1.648   | 69    | 21038    | 28.347   | ug/L  | -0.02    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 56.700%# |
| 11) 1,1-Dichloroethene-d2     | 2.276   | 63    | 51777    | 36.113   | ug/L  | -0.03    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 72.220%  |
| 21) 2-Butanone-d5             | 4.501   | 46    | 49922    | 74.580   | ug/L  | 0.05     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 74.580%  |
| 24) Chloroform-d              | 5.062   | 84    | 63261    | 40.253   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 80.500%  |
| 26) 1,2-Dichloroethane-d4     | 5.964   | 65    | 43572    | 44.480   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 88.960%  |
| 32) Benzene-d6                | 5.970   | 84    | 139248   | 44.716   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 89.440%  |
| 36) 1,2-Dichloropropane-d6    | 7.318   | 67    | 40608    | 42.118   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 84.240%  |
| 41) Toluene-d8                | 8.653   | 98    | 128785   | 43.814   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 87.620%  |
| 43) trans-1,3-Dichloroprop... | 8.958   | 79    | 18069    | 37.276   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 74.560%  |
| 47) 2-Hexanone-d5             | 9.403   | 63    | 35215    | 70.166   | ug/L  | 0.02     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 70.170%  |
| 56) 1,1,2,2-Tetrachloroeth... | 11.195  | 84    | 55540    | 40.760   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 81.520%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.323  | 152   | 49001    | 42.543   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 85.080%  |
|                               |         |       |          |          |       |          |
| Target Compounds              |         |       |          |          |       | Qvalue   |
| 34) Trichloroethene           | 7.129   | 95    | 115096   | 139.408  | ug/L  | 97       |
| 46) Tetrachloroethene         | 9.275   | 164   | 2884     | 4.119    | ug/L  | 98       |
| -----                         |         |       |          |          |       |          |

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

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