

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV083123\  
 Data File : VV031957.D  
 Acq On : 31 Aug 2023 13:27  
 Operator : SY/MD  
 Sample : VV0831MBL01  
 Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA\_V/MEOH  
 ALS Vial : 3 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VBLK385

Quant Time: Sep 01 02:09:19 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM082323WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Sep 01 00:57:38 2023  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|---------|-------|----------|----------|-------|-----------|
| -----                         |         |       |          |          |       |           |
| Internal Standards            |         |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 5.535   | 114   | 251473   | 50.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 8.786   | 117   | 238639   | 50.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.188  | 152   | 129813   | 50.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |         |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 1.278   | 65    | 90106    | 57.253   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 114.500%  |
| 7) Chloroethane-d5            | 1.532   | 69    | 71790    | 52.036   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 104.080%  |
| 11) 1,1-Dichloroethene-d2     | 2.059   | 65    | 38204    | 51.842   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 103.680%  |
| 21) 2-Butanone-d5             | 3.796   | 46    | 127424   | 102.944  | ug/L  | 0.00      |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 102.940%  |
| 24) Chloroform-d              | 4.252   | 84    | 154852   | 45.016   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 90.040%   |
| 26) 1,2-Dichloroethane-d4     | 4.944   | 65    | 103718   | 45.434   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 90.860%   |
| 32) Benzene-d6                | 4.963   | 84    | 340116   | 52.231   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 104.460%  |
| 36) 1,2-Dichloropropane-d6    | 5.992   | 67    | 109317   | 52.157   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 104.320%  |
| 41) Toluene-d8                | 7.246   | 98    | 310443   | 51.741   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 103.480%  |
| 43) trans-1,3-Dichloroprop... | 7.554   | 79    | 54455    | 50.127   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 100.260%  |
| 47) 2-Hexanone-d5             | 8.030   | 63    | 84907    | 132.173  | ug/L  | 0.00      |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 132.170%# |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156  | 84    | 133414   | 49.259   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 98.520%   |
| 66) 1,2-Dichlorobenzene-d4    | 11.564  | 152   | 116232   | 49.117   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 98.240%   |
| Target Compounds              |         |       |          |          |       |           |
| 16) Methylene chloride        | 2.452   | 84    | 3237     | 1.911    | ug/L  | Qvalue 91 |
| -----                         |         |       |          |          |       |           |

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

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