

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU062624\  
 Data File : VU059533.D  
 Acq On : 26 Jun 2024 18:51  
 Operator : MD/SY  
 Sample : P2987-13ME  
 Misc : 4.12g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 C0TA2ME

Quant Time: Jun 27 04:44:00 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM052924WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jun 27 04:10:00 2024  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|-------|----------|
| -----                         |         |       |          |          |       |          |
| Internal Standards            |         |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.242   | 114   | 232000   | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.415   | 117   | 236037   | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810  | 152   | 109841   | 50.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |         |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.595   | 65    | 58343    | 42.001   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =     | 84.000%  |
| 7) Chloroethane-d5            | 1.872   | 69    | 26452    | 22.230   | ug/L  | -0.04    |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =     | 44.460%# |
| 11) 1,1-Dichloroethene-d2     | 2.531   | 63    | 80981    | 29.535   | ug/L  | -0.03    |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 59.060%# |
| 21) 2-Butanone-d5             | 4.624   | 46    | 100530   | 76.782   | ug/L  | 0.01     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =     | 76.780%  |
| 24) Chloroform-d              | 5.052   | 84    | 112880   | 40.820   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 81.640%  |
| 26) 1,2-Dichloroethane-d4     | 5.692   | 65    | 71363    | 42.105   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 84.220%  |
| 32) Benzene-d6                | 5.714   | 84    | 237172   | 43.780   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =     | 87.560%  |
| 36) 1,2-Dichloropropane-d6    | 6.682   | 67    | 76783    | 41.106   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =     | 82.220%  |
| 41) Toluene-d8                | 7.891   | 98    | 203199   | 44.184   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 88.360%  |
| 43) trans-1,3-Dichloroprop... | 8.177   | 79    | 30926    | 40.959   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =     | 81.920%  |
| 47) 2-Hexanone-d5             | 8.640   | 63    | 68015    | 78.741   | ug/L  | 0.02     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =     | 78.740%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753  | 84    | 124787   | 39.473   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =     | 78.940%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190  | 152   | 80408    | 49.053   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =     | 98.100%  |

Target Compounds Qvalue

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

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