

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071524\  
 Data File : VU059953.D  
 Acq On : 15 Jul 2024 15:54  
 Operator : MD/SY  
 Sample : P3230-05ME 20X  
 Misc : 5.22g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 BHB36ME

Quant Time: Jul 16 05:49:58 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM070224WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 16 05:46:09 2024  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.242          | 114  | 226089     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.412          | 117  | 233405     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810         | 152  | 101360     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.595          | 65   | 48312      | 33.281   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 66.560%  |       |          |
| 7) Chloroethane-d5            | 1.898          | 69   | 44807      | 36.696   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 73.400%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.554          | 63   | 65165      | 25.268   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 50.540%# |       |          |
| 21) 2-Butanone-d5             | 4.615          | 46   | 100710     | 99.828   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 99.830%  |       |          |
| 24) Chloroform-d              | 5.052          | 84   | 109330     | 38.892   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 77.780%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.692          | 65   | 67989      | 40.676   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 81.360%  |       |          |
| 32) Benzene-d6                | 5.717          | 84   | 208335     | 34.857   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 69.720%# |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.685          | 67   | 70929      | 38.344   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 76.680%  |       |          |
| 41) Toluene-d8                | 7.894          | 98   | 175265     | 30.836   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 61.680%# |       |          |
| 43) trans-1,3-Dichloroprop... | 8.174          | 79   | 28908      | 33.397   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 66.800%  |       |          |
| 47) 2-Hexanone-d5             | 8.627          | 63   | 63418      | 81.348   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 81.350%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749         | 84   | 120304     | 42.372   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 84.740%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190         | 152  | 71327      | 38.295   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 76.580%# |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 46) Tetrachloroethene         | 8.547          | 164  | 60432      | 43.675   | ug/L  | 98       |
| -----                         |                |      |            |          |       |          |

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

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