

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU090322\  
 Data File : VU050620.D  
 Acq On : 03 Sep 2022 18:21  
 Operator : SY/MD  
 Sample : N4363-15ME  
 Misc : 5.51g/5.0mL/100uL/5.0mL/MSVOA\_U/MEOH  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DBVW9ME

Quant Time: Sep 05 01:09:09 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMULM090222WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Sep 05 01:05:15 2022  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 09/08/2022  
 Supervised By : Mahesh Dadoda 09/08/2022

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.247          | 114  | 461430     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.420          | 117  | 416498     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.815         | 152  | 151705     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.594          | 65   | 175885m    | 44.566   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 89.140%  |       |          |
| 7) Chloroethane-d5            | 1.893          | 69   | 66403m     | 24.880   | ug/L  | -0.01    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 49.760%# |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.530          | 63   | 224841m    | 32.238   | ug/L  | -0.04    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 64.480%  |       |          |
| 21) 2-Butanone-d5             | 4.645          | 46   | 298978     | 103.542  | ug/L  | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 103.540% |       |          |
| 24) Chloroform-d              | 5.060          | 84   | 327402     | 43.770   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.540%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.700          | 65   | 217715     | 47.631   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 95.260%  |       |          |
| 32) Benzene-d6                | 5.719          | 84   | 679296     | 49.353   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 98.700%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 6.690          | 67   | 228514     | 50.568   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 101.140% |       |          |
| 41) Toluene-d8                | 7.896          | 98   | 449315     | 38.174   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 76.340%# |       |          |
| 43) trans-1,3-Dichloroprop... | 8.182          | 79   | 60289      | 32.244   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 64.480%  |       |          |
| 47) 2-Hexanone-d5             | 8.664          | 63   | 142546     | 125.405  | ug/L  | 0.03     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 125.400% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.764         | 84   | 311853     | 45.603   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 91.200%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.198         | 152  | 156083     | 43.951   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 87.900%  |       |          |
|                               |                |      |            |          |       |          |
| Target Compounds              |                |      |            |          |       | Qvalue   |
| 46) Tetrachloroethene         | 8.552          | 164  | 4708       | 1.825    | ug/L  | 98       |
| -----                         |                |      |            |          |       |          |

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

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