

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX122921\  
 Data File : VX026144.D  
 Acq On : 29 Dec 2021 17:16  
 Operator : JC/MD  
 Sample : M5171-15ME  
 Misc : 6.23g/5mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 18 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 BGLB1ME

Quant Time: Dec 30 02:43:07 2021  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML122821WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Dec 30 02:39:24 2021  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :John Carlone 12/30/2021  
 Supervised By :Semsettin Yesilyurt 01/03/2022

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.763          | 114  | 239900     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 10.061         | 117  | 205847     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 98306      | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.373          | 65   | 80618      | 43.297   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 86.600%  |        |          |
| 7) Chloroethane-d5            | 1.660          | 69   | 48995      | 36.197   | ug/L   | -0.01    |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 72.400%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.288          | 63   | 133430     | 39.259   | ug/L   | -0.02    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 78.520%  |        |          |
| 21) 2-Butanone-d5             | 4.489          | 46   | 114417     | 88.928   | ug/L   | 0.03     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 88.930%  |        |          |
| 24) Chloroform-d              | 5.062          | 84   | 135524m    | 42.858   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.720%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 5.964          | 65   | 104330     | 50.898   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 101.800% |        |          |
| 32) Benzene-d6                | 5.976          | 84   | 311003     | 52.404   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 104.800% |        |          |
| 36) 1,2-Dichloropropane-d6    | 7.311          | 67   | 95916      | 52.244   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 104.480% |        |          |
| 41) Toluene-d8                | 8.653          | 98   | 273831     | 50.593   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 101.180% |        |          |
| 43) trans-1,3-Dichloroprop... | 8.951          | 79   | 40958      | 45.702   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 91.400%  |        |          |
| 47) 2-Hexanone-d5             | 9.409          | 63   | 86624      | 101.168  | ug/L   | 0.02     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 101.170% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.201         | 84   | 125232     | 51.253   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 102.500% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.323         | 152  | 104300     | 55.620   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 111.240% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 25) Chloroform                | 5.105          | 83   | 20749      | 7.121    | ug/L   | 97       |
| -----                         |                |      |            |          |        |          |

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

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