

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX013125\  
 Data File : VX044790.D  
 Acq On : 31 Jan 2025 12:45  
 Operator : JC/MD  
 Sample : Q1189-18ME  
 Misc : 12.10g/10mL/100uL/5.00mL/MSVOA\_X/MEOH  
 ALS Vial : 9 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :  
 A44R9ME

Quant Time: Feb 03 07:33:04 2025  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML012825WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Feb 03 07:31:09 2025  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By : John Carlone 02/03/2025  
 Supervised By : Mahesh Dadoda 02/03/2025

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.757          | 114  | 313546     | 50.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 10.055         | 117  | 274366     | 50.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 12.024         | 152  | 121323     | 50.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.367          | 65   | 107494m    | 45.545   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 91.080%  |       |          |
| 7) Chloroethane-d5            | 1.648          | 69   | 31312m     | 34.922   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 69.840%# |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.282          | 65   | 40892      | 40.533   | ug/L  | -0.01    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 81.060%  |       |          |
| 21) 2-Butanone-d5             | 4.477          | 46   | 109833     | 108.854  | ug/L  | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 108.850% |       |          |
| 24) Chloroform-d              | 5.050          | 84   | 171354     | 41.317   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 82.640%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 5.952          | 65   | 109810     | 44.111   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 88.220%  |       |          |
| 32) Benzene-d6                | 5.964          | 84   | 376683     | 43.909   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 87.820%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 7.305          | 67   | 117195     | 43.160   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 86.320%  |       |          |
| 41) Toluene-d8                | 8.647          | 98   | 330069     | 43.471   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 86.940%  |       |          |
| 43) trans-1,3-Dichloroprop... | 8.951          | 79   | 51747      | 40.176   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 80.360%  |       |          |
| 47) 2-Hexanone-d5             | 9.390          | 63   | 73089      | 90.949   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 90.950%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189         | 84   | 151831     | 44.996   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 90.000%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.317         | 152  | 109776     | 46.243   | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 92.480%  |       |          |

Target Compounds Qvalue

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

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