

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111323\  
 Data File : VV032936.D  
 Acq On : 13 Nov 2023 17:00  
 Operator : SY/MD  
 Sample : 05296-07  
 Misc : 5.09gm/5mL/100uL/5mL/MSVOA\_V/MEOH  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH3R9

Quant Time: Nov 14 00:20:10 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM111323WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Mon Nov 13 23:16:30 2023  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh  
 Dadoda 11/17/2023  
 Supervised By :Semsettin  
 Yesilyurt 11/17/2023

| Compound                      | R.T.           | QIon | Response   | Conc    | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|---------|-------|----------|
| -----                         |                |      |            |         |       |          |
| Internal Standards            |                |      |            |         |       |          |
| 1) 1,4-Difluorobenzene        | 5.535          | 114  | 505931     | 50.000  | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.789          | 117  | 497799     | 50.000  | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191         | 152  | 246800     | 50.000  | ug/L  | 0.00     |
|                               |                |      |            |         |       |          |
| System Monitoring Compounds   |                |      |            |         |       |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 170172     | 39.769  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 79.540% |       |          |
| 7) Chloroethane-d5            | 1.520          | 69   | 132811     | 37.461  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 74.920% |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.040          | 65   | 80855      | 43.369  | ug/L  | -0.02    |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 86.740% |       |          |
| 21) 2-Butanone-d5             | 3.802          | 46   | 166868m    | 90.978  | ug/L  | 0.02     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 90.980% |       |          |
| 24) Chloroform-d              | 4.249          | 84   | 317254     | 42.917  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 85.840% |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.941          | 65   | 201976     | 44.903  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 89.800% |       |          |
| 32) Benzene-d6                | 4.957          | 84   | 628668     | 46.304  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 92.600% |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67   | 188236     | 47.698  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 95.400% |       |          |
| 41) Toluene-d8                | 7.243          | 98   | 575587     | 45.983  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 91.960% |       |          |
| 43) trans-1,3-Dichloroprop... | 7.555          | 79   | 93303      | 44.534  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 89.060% |       |          |
| 47) 2-Hexanone-d5             | 8.063          | 63   | 128079     | 88.588  | ug/L  | 0.04     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 88.590% |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.165         | 84   | 251902     | 43.573  | ug/L  | 0.01     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 87.140% |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.567         | 152  | 232735     | 48.531  | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 97.060% |       |          |
|                               |                |      |            |         |       |          |
| Target Compounds              |                |      |            |         |       | Qvalue   |
| 46) Tetrachloroethene         | 7.908          | 164  | 5067       | 1.603   | ug/L  | 87       |
| -----                         |                |      |            |         |       |          |

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

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