

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV070224\  
 Data File : VV036424.D  
 Acq On : 02 Jul 2024 16:09  
 Operator : SY/MD  
 Sample : P3087-22RE  
 Misc : 4.78g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4CY9RE

Quant Time: Jul 03 05:13:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Jul 03 05:08:41 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/05/2024  
 Supervised By :Semsettin Yesilyurt 07/05/2024

| Compound                      | R.T.           | QIon | Response   | Conc     | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|-------|----------|
| -----                         |                |      |            |          |       |          |
| Internal Standards            |                |      |            |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529          | 114  | 441526     | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783          | 117  | 308719     | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185         | 152  | 69605      | 25.000   | ug/L  | 0.00     |
|                               |                |      |            |          |       |          |
| System Monitoring Compounds   |                |      |            |          |       |          |
| 4) Vinyl Chloride-d3          | 1.272          | 65   | 142149     | 18.957   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 75.840%  |       |          |
| 7) Chloroethane-d5            | 1.526          | 69   | 116013     | 19.370   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 150 |      | Recovery = | 77.480%  |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.050          | 65   | 61637      | 17.485   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 110 |      | Recovery = | 69.960%  |       |          |
| 21) 2-Butanone-d5             | 3.870          | 46   | 18350m     | 10.544   | ug/L  | 0.03     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 21.080%  |       |          |
| 24) Chloroform-d              | 4.243          | 84   | 224413     | 17.219   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 40 - 150 |      | Recovery = | 68.880%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.937          | 65   | 119024     | 17.125   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 130 |      | Recovery = | 68.520%# |       |          |
| 32) Benzene-d6                | 4.953          | 84   | 426980     | 24.501   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 20 - 135 |      | Recovery = | 98.000%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.986          | 67   | 131847     | 25.152   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 70 - 120 |      | Recovery = | 100.600% |       |          |
| 41) Toluene-d8                | 7.240          | 98   | 312821     | 19.909   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 130 |      | Recovery = | 79.640%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.558          | 79   | 29569      | 12.632   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 30 - 135 |      | Recovery = | 50.520%  |       |          |
| 47) 2-Hexanone-d5             | 8.043          | 63   | 9812       | 11.726   | ug/L  | 0.01     |
| Spiked Amount 50.000          | Range 20 - 135 |      | Recovery = | 23.460%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153         | 84   | 71784      | 16.706   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 45 - 120 |      | Recovery = | 66.840%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 49759      | 19.617   | ug/L  | 0.00     |
| Spiked Amount 25.000          | Range 75 - 120 |      | Recovery = | 78.480%  |       |          |

Target Compounds Qvalue

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

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