

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV070224\  
 Data File : VV036414.D  
 Acq On : 02 Jul 2024 12:19  
 Operator : SY/MD  
 Sample : P3087-12RE  
 Misc : 5.24g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 6 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4BC6RE

Manual Integrations  
 APPROVED

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

Quant Time: Jul 03 05:10:44 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

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 474277   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 351876   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 85856    | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 152646   | 18.951   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 75.800%  |
| 7) Chloroethane-d5            | 1.526  | 69    | 121492   | 18.884   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 75.520%  |
| 11) 1,1-Dichloroethene-d2     | 2.050  | 65    | 67212    | 17.750   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 71.000%  |
| 21) 2-Butanone-d5             | 3.873  | 46    | 23283m   | 12.455   | ug/L  | 0.03     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 24.900%  |
| 24) Chloroform-d              | 4.243  | 84    | 230258   | 16.448   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 65.800%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 120990   | 16.206   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 64.840%# |
| 32) Benzene-d6                | 4.953  | 84    | 451414   | 22.726   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 90.920%  |
| 36) 1,2-Dichloropropane-d6    | 5.985  | 67    | 136446   | 22.837   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 91.360%  |
| 41) Toluene-d8                | 7.239  | 98    | 338618   | 18.907   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 75.640%  |
| 43) trans-1,3-Dichloroprop... | 7.554  | 79    | 41500    | 15.554   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 62.200%  |
| 47) 2-Hexanone-d5             | 8.037  | 63    | 15276    | 16.017   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 32.040%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152 | 84    | 70687    | 14.433   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 57.720%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.561 | 152   | 52563    | 16.800   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 67.200%# |

Target Compounds Qvalue

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

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