

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV072424\  
 Data File : VV036663.D  
 Acq On : 24 Jul 2024 10:45  
 Operator : SY/MD  
 Sample : P3215-18  
 Misc : 5.02g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

Manual Integrations  
 APPROVED

Reviewed By :Romaben Patel 07/25/2024  
 Supervised By :Mahesh Dadoda 07/26/2024

Quant Time: Jul 25 00:51:26 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM072224SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jul 25 00:49:57 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 345244   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.780  | 117   | 342186   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 155578   | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 70189    | 18.562   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 74.240%  |
| 7) Chloroethane-d5            | 1.526  | 69    | 70119    | 20.531   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 82.120%  |
| 11) 1,1-Dichloroethene-d2     | 2.050  | 65    | 39531    | 19.772   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 79.080%  |
| 21) 2-Butanone-d5             | 3.860  | 46    | 17618m   | 19.965   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 39.920%  |
| 24) Chloroform-d              | 4.240  | 84    | 179750   | 19.686   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 78.760%  |
| 26) 1,2-Dichloroethane-d4     | 4.934  | 65    | 84295    | 18.713   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 74.840%  |
| 32) Benzene-d6                | 4.950  | 84    | 315769   | 19.471   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 77.880%  |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67    | 91131    | 19.721   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 78.880%  |
| 41) Toluene-d8                | 7.240  | 98    | 278361   | 17.986   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 71.960%  |
| 43) trans-1,3-Dichloroprop... | 7.555  | 79    | 31196    | 15.186   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 60.760%  |
| 47) 2-Hexanone-d5             | 8.040  | 63    | 12003m   | 19.518   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 39.040%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 62164    | 15.435   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 61.720%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 117533   | 21.641   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 86.560%  |

Target Compounds Qvalue

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

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