

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW070124\  
 Data File : VW036379.D  
 Acq On : 01 Jul 2024 16:34  
 Operator : SY/MD  
 Sample : VIBLK311  
 Misc : 5.00g/10.0mL/MSVOA\_V/SOIL  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VIBLK311

Quant Time: Jul 02 02:39:59 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jul 02 02:29:42 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 286578   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 306113   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 131362   | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 101847   | 20.926   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 83.720%  |
| 7) Chloroethane-d5            | 1.526  | 69    | 87514    | 22.512   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 90.040%  |
| 11) 1,1-Dichloroethene-d2     | 2.050  | 65    | 47120    | 20.595   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 82.360%  |
| 21) 2-Butanone-d5             | 3.838  | 46    | 43434    | 38.452   | ug/L  | -0.02    |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 76.900%  |
| 24) Chloroform-d              | 4.243  | 84    | 187022   | 22.109   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 88.440%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 108105   | 23.964   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 95.840%  |
| 32) Benzene-d6                | 4.953  | 84    | 346445   | 20.049   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 80.200%  |
| 36) 1,2-Dichloropropane-d6    | 5.985  | 67    | 114748   | 22.077   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 88.320%  |
| 41) Toluene-d8                | 7.239  | 98    | 275860   | 17.706   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 70.840%  |
| 43) trans-1,3-Dichloroprop... | 7.554  | 79    | 44964    | 19.372   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 77.480%  |
| 47) 2-Hexanone-d5             | 8.030  | 63    | 32054    | 38.634   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 77.260%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 103583   | 24.312   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 97.240%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.557 | 152   | 110111   | 23.002   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 92.000%  |

Target Compounds Qvalue

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

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