

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW053124\  
 Data File : VW035937.D  
 Acq On : 31 May 2024 17:59  
 Operator : SY/MD  
 Sample : P2663-08  
 Misc : 5.61g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH695

Quant Time: May 31 23:05:03 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri May 31 22:59:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 5.532  | 114   | 493890   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 523975   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.181 | 152   | 224450   | 25.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 151314   | 16.664   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 66.640%   |
| 7) Chloroethane-d5            | 1.529  | 69    | 135767   | 18.752   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 75.000%   |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 68655    | 16.984   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 67.920%   |
| 21) 2-Butanone-d5             | 3.838  | 46    | 79530    | 38.175   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 76.340%   |
| 24) Chloroform-d              | 4.246  | 84    | 320175   | 20.391   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 81.560%   |
| 26) 1,2-Dichloroethane-d4     | 4.940  | 65    | 183470   | 22.286   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 89.160%   |
| 32) Benzene-d6                | 4.957  | 84    | 575483   | 18.477   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 73.920%   |
| 36) 1,2-Dichloropropane-d6    | 5.985  | 67    | 205348   | 20.936   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 83.760%   |
| 41) Toluene-d8                | 7.243  | 98    | 455109   | 16.561   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 66.240%   |
| 43) trans-1,3-Dichloroprop... | 7.555  | 79    | 76254    | 18.961   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 75.840%   |
| 47) 2-Hexanone-d5             | 8.030  | 63    | 56775    | 42.724   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 85.440%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 182369   | 24.882   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 99.520%   |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 183838   | 22.335   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 89.360%   |
| Target Compounds              |        |       |          |          |       |           |
| 16) Methylene chloride        | 2.445  | 84    | 76127    | 6.812    | ug/L  | Qvalue 99 |
| -----                         |        |       |          |          |       |           |

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

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