

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW060324\  
 Data File : VW035951.D  
 Acq On : 03 Jun 2024 13:34  
 Operator : SY/MD  
 Sample : P2663-07  
 Misc : 4.36g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BH694

Quant Time: Jun 04 02:19:13 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Jun 04 02:12:20 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.532  | 114   | 656055   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 648498   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181 | 152   | 271344   | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 167625   | 13.897   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 55.600%  |
| 7) Chloroethane-d5            | 1.529  | 69    | 149165   | 15.510   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 62.040%  |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 76436    | 14.235   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 56.960%  |
| 21) 2-Butanone-d5             | 3.831  | 46    | 108979   | 39.380   | ug/L  | -0.02    |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 78.760%  |
| 24) Chloroform-d              | 4.246  | 84    | 360527   | 17.285   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 69.160%  |
| 26) 1,2-Dichloroethane-d4     | 4.941  | 65    | 209203   | 19.130   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 76.520%  |
| 32) Benzene-d6                | 4.957  | 84    | 648873   | 16.833   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 67.320%  |
| 36) 1,2-Dichloropropane-d6    | 5.986  | 67    | 234227   | 19.295   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 77.160%  |
| 41) Toluene-d8                | 7.243  | 98    | 509562   | 14.982   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 59.920%  |
| 43) trans-1,3-Dichloroprop... | 7.555  | 79    | 82308    | 16.536   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 66.160%  |
| 47) 2-Hexanone-d5             | 8.030  | 63    | 74953    | 45.572   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 91.140%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 206191   | 22.730   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 90.920%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 199531   | 20.052   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 80.200%  |

Target Compounds Qvalue

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

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