

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW060724\  
 Data File : VW036004.D  
 Acq On : 07 Jun 2024 12:45  
 Operator : SY/MD  
 Sample : P2754-13  
 Misc : 5.00g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 A4DE0

Quant Time: Jun 08 00:31:22 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Sat Jun 08 00:30:25 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 624044   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.780  | 117   | 619329   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181 | 152   | 264169   | 25.000   | ug/L  | 0.00     |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 121929   | 10.627   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 42.520%  |
| 7) Chloroethane-d5            | 1.529  | 69    | 124227   | 13.579   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 54.320%  |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 57685    | 11.294   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 45.160%  |
| 21) 2-Butanone-d5             | 3.841  | 46    | 69614    | 26.446   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 52.900%  |
| 24) Chloroform-d              | 4.243  | 84    | 314915   | 15.873   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 63.480%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 167969   | 16.148   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 64.600%# |
| 32) Benzene-d6                | 4.953  | 84    | 567030   | 15.402   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 61.600%  |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67    | 200494   | 17.294   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 69.160%# |
| 41) Toluene-d8                | 7.239  | 98    | 445838   | 13.725   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 54.920%  |
| 43) trans-1,3-Dichloroprop... | 7.551  | 79    | 67362    | 14.171   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 56.680%  |
| 47) 2-Hexanone-d5             | 8.030  | 63    | 49332    | 31.407   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 62.820%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 157535   | 18.184   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 72.720%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 179586   | 18.538   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 74.160%# |

Target Compounds Qvalue

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

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