

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV062124\  
 Data File : VV036205.D  
 Acq On : 21 Jun 2024 14:32  
 Operator : SY/MD  
 Sample : P2856-13  
 Misc : 5.01g/10.0mL/MSVOA\_V/SOIL/A  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 C0SH5

Quant Time: Jun 22 00:13:20 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM053024SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jun 20 05:02:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min)  |
|-------------------------------|--------|-------|----------|----------|-------|-----------|
| -----                         |        |       |          |          |       |           |
| Internal Standards            |        |       |          |          |       |           |
| 1) 1,4-Difluorobenzene        | 5.532  | 114   | 223250   | 25.000   | ug/L  | 0.00      |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 236256   | 25.000   | ug/L  | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.185 | 152   | 105607   | 25.000   | ug/L  | 0.00      |
| System Monitoring Compounds   |        |       |          |          |       |           |
| 4) Vinyl Chloride-d3          | 1.272  | 65    | 62425    | 15.209   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 60.840%   |
| 7) Chloroethane-d5            | 1.526  | 69    | 62156    | 18.992   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 75.960%   |
| 11) 1,1-Dichloroethene-d2     | 2.050  | 65    | 30778    | 16.844   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 67.360%   |
| 21) 2-Butanone-d5             | 3.822  | 46    | 39866    | 42.334   | ug/L  | -0.02     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 84.660%   |
| 24) Chloroform-d              | 4.246  | 84    | 150808   | 21.248   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 85.000%   |
| 26) 1,2-Dichloroethane-d4     | 4.941  | 65    | 88130    | 23.682   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 94.720%   |
| 32) Benzene-d6                | 4.957  | 84    | 280812   | 19.996   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 80.000%   |
| 36) 1,2-Dichloropropane-d6    | 5.986  | 67    | 95671    | 21.633   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 86.520%   |
| 41) Toluene-d8                | 7.243  | 98    | 225887   | 18.230   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 72.920%   |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79    | 35904    | 19.800   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 79.200%   |
| 47) 2-Hexanone-d5             | 8.034  | 63    | 26828    | 44.774   | ug/L  | 0.00      |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 89.540%   |
| 56) 1,1,2,2-Tetrachloroeth... | 10.153 | 84    | 83156    | 25.162   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 100.640%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 91344    | 23.586   | ug/L  | 0.00      |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 94.360%   |
| Target Compounds              |        |       |          |          |       |           |
| 16) Methylene chloride        | 2.442  | 84    | 32041    | 6.343    | ug/L  | Qvalue 98 |
| -----                         |        |       |          |          |       |           |

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

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