

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW062024\  
 Data File : VW036153.D  
 Acq On : 20 Jun 2024 10:20  
 Operator : SY/MD  
 Sample : P2775-07  
 Misc : 5.07g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 5 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :

Quant Time: Jun 21 01:47:17 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        | 5.529  | 114            | 270930   | 25.000 | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117            | 280571   | 25.000 | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.181 | 152            | 119106   | 25.000 | ug/L     | 0.00     |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.272  | 65             | 116969   | 23.483 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 93.920%  |          |
| 7) Chloroethane-d5            | 1.526  | 69             | 100569   | 25.321 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 150 | Recovery | =      | 101.280% |          |
| 11) 1,1-Dichloroethene-d2     | 2.050  | 65             | 55482    | 25.021 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 110 | Recovery | =      | 100.080% |          |
| 21) 2-Butanone-d5             | 3.841  | 46             | 44665    | 39.083 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 78.160%  |          |
| 24) Chloroform-d              | 4.240  | 84             | 216253   | 25.106 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 40 - 150 | Recovery | =      | 100.440% |          |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65             | 123086   | 27.255 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 130 | Recovery | =      | 109.040% |          |
| 32) Benzene-d6                | 4.953  | 84             | 399710   | 23.967 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 20 - 135 | Recovery | =      | 95.880%  |          |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67             | 133798   | 25.475 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 70 - 120 | Recovery | =      | 101.920% |          |
| 41) Toluene-d8                | 7.239  | 98             | 324820   | 22.074 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 130 | Recovery | =      | 88.280%  |          |
| 43) trans-1,3-Dichloroprop... | 7.551  | 79             | 48960    | 22.736 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 30 - 135 | Recovery | =      | 90.960%  |          |
| 47) 2-Hexanone-d5             | 8.030  | 63             | 31029    | 43.606 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 20 - 135 | Recovery | =      | 87.220%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84             | 108040   | 27.529 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 45 - 120 | Recovery | =      | 110.120% |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152            | 117445   | 26.889 | ug/L     | 0.00     |
| Spiked Amount                 | 25.000 | Range 75 - 120 | Recovery | =      | 107.560% |          |
| Target Compounds              |        |                |          |        |          |          |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.053  | 101            | 2530     | 0.544  | ug/L #   | 59       |
| 25) Chloroform                | 4.265  | 83             | 5398     | 0.598  | ug/L #   | 63       |
| 69) 1,3,5-Trichlorobenzene    | 13.207 | 180            | 2499     | 0.416  | ug/L     | 95       |
| 70) 1,2,4-trichlorobenzene    | 13.207 | 180            | 2499     | 0.529  | ug/L     | 94       |
| 71) Naphthalene               | 13.448 | 128            | 5569     | 0.722  | ug/L     | 98       |
| 72) 1,2,3-Trichlorobenzene    | 13.683 | 180            | 2185     | 0.507  | ug/L     | 91       |

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

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