

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW070324\  
 Data File : VW036441.D  
 Acq On : 03 Jul 2024 14:10  
 Operator : SY/MD  
 Sample : P3010-05  
 Misc : 5.07g/10.0mL/MSVOA\_V/SOIL/B  
 ALS Vial : 16 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VHBLK001

Quant Time: Jul 04 02:10:31 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM062724SMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Thu Jul 04 02:05:51 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 5.532  | 114   | 381236   | 25.000   | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.783  | 117   | 402288   | 25.000   | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.182 | 152   | 176497   | 25.000   | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 158624   | 24.500   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 98.000%  |
| 7) Chloroethane-d5            | 1.529  | 69    | 130278   | 25.192   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 150 | Recovery | =     | 100.760% |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 74204    | 24.380   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 110 | Recovery | =     | 97.520%  |
| 21) 2-Butanone-d5             | 3.838  | 46    | 55338    | 36.826   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 73.660%  |
| 24) Chloroform-d              | 4.243  | 84    | 279401   | 24.829   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 40 - 150 | Recovery | =     | 99.320%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 156001   | 25.995   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 130 | Recovery | =     | 103.960% |
| 32) Benzene-d6                | 4.957  | 84    | 540699   | 23.810   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 20 - 135 | Recovery | =     | 95.240%  |
| 36) 1,2-Dichloropropane-d6    | 5.986  | 67    | 170484   | 24.958   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 70 - 120 | Recovery | =     | 99.840%  |
| 41) Toluene-d8                | 7.240  | 98    | 464764   | 22.699   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 130 | Recovery | =     | 90.800%  |
| 43) trans-1,3-Dichloroprop... | 7.551  | 79    | 66525    | 21.809   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 30 - 135 | Recovery | =     | 87.240%  |
| 47) 2-Hexanone-d5             | 8.031  | 63    | 43184    | 39.606   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 20 - 135 | Recovery | =     | 79.220%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.149 | 84    | 135987   | 24.287   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 45 - 120 | Recovery | =     | 97.160%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.558 | 152   | 175151   | 27.232   | ug/L  | 0.00     |
| Spiked Amount                 | 25.000 | Range | 75 - 120 | Recovery | =     | 108.920% |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 16) Methylene chloride        | 2.442  | 84    | 78339    | 10.438   | ug/L  | 97       |
| -----                         |        |       |          |          |       |          |

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

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