

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW111023\  
 Data File : VW032888.D  
 Acq On : 10 Nov 2023 13:44  
 Operator : SY/MD  
 Sample : VIBLK241  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VIBLK241

Quant Time: Nov 10 22:50:53 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM103123WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Nov 08 01:37:19 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc      | Units | Dev(Min) |
|-------------------------------|----------------|------|------------|-----------|-------|----------|
| -----                         |                |      |            |           |       |          |
| Internal Standards            |                |      |            |           |       |          |
| 1) 1,4-Difluorobenzene        | 5.535          | 114  | 318488     | 50.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 8.786          | 117  | 332066     | 50.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188         | 152  | 144176     | 50.000    | ug/L  | 0.00     |
|                               |                |      |            |           |       |          |
| System Monitoring Compounds   |                |      |            |           |       |          |
| 4) Vinyl Chloride-d3          | 1.281          | 65   | 123542     | 40.783    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 81.560%   |       |          |
| 7) Chloroethane-d5            | 1.532          | 69   | 116079     | 45.817    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 91.640%   |       |          |
| 11) 1,1-Dichloroethene-d2     | 2.063          | 65   | 53722      | 42.936    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 85.880%   |       |          |
| 21) 2-Butanone-d5             | 3.786          | 46   | 135697     | 103.275   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 103.270%  |       |          |
| 24) Chloroform-d              | 4.252          | 84   | 247678     | 51.224    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 102.440%  |       |          |
| 26) 1,2-Dichloroethane-d4     | 4.944          | 65   | 167050     | 55.588    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 111.180%  |       |          |
| 32) Benzene-d6                | 4.963          | 84   | 465468     | 54.518    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 109.040%  |       |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67   | 158978     | 61.290    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 122.580%# |       |          |
| 41) Toluene-d8                | 7.246          | 98   | 426863     | 50.775    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 101.560%  |       |          |
| 43) trans-1,3-Dichloroprop... | 7.554          | 79   | 73388      | 54.325    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 108.640%  |       |          |
| 47) 2-Hexanone-d5             | 8.027          | 63   | 102751     | 108.507   | ug/L  | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 108.510%  |       |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.156         | 84   | 215900     | 54.851    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 109.700%  |       |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.564         | 152  | 173991     | 62.624    | ug/L  | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 125.240%# |       |          |
|                               |                |      |            |           |       |          |
| Target Compounds              |                |      |            |           |       | Qvalue   |
| 46) Tetrachloroethene         | 7.911          | 164  | 2584       | 1.168     | ug/L  | 87       |
| -----                         |                |      |            |           |       |          |

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

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