

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW031924\  
 Data File : VW034714.D  
 Acq On : 18 Mar 2024 22:43  
 Operator : SY/MD  
 Sample : P1766-17  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 22 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 COGN8

Quant Time: Mar 19 02:58:24 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM022924WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Tue Mar 19 02:53:17 2024  
 Response via : Initial Calibration

| Compound                      | R.T. QIon |       | Response | Conc   | Units    | Dev(Min)   |
|-------------------------------|-----------|-------|----------|--------|----------|------------|
| -----                         |           |       |          |        |          |            |
| Internal Standards            |           |       |          |        |          |            |
| 1) 1,4-Difluorobenzene        | 5.532     | 114   | 342783   | 50.000 | ug/L     | 0.00       |
| 28) Chlorobenzene-d5          | 8.783     | 117   | 310344   | 50.000 | ug/L     | 0.00       |
| 58) 1,4-Dichlorobenzene-d4    | 11.185    | 152   | 141784   | 50.000 | ug/L     | 0.00       |
| System Monitoring Compounds   |           |       |          |        |          |            |
| 4) Vinyl Chloride-d3          | 1.278     | 65    | 153961   | 51.811 | ug/L     | 0.00       |
| Spiked Amount 50.000          | Range 60  | - 135 | Recovery | =      | 103.620% |            |
| 7) Chloroethane-d5            | 1.532     | 69    | 121701   | 52.569 | ug/L     | 0.00       |
| Spiked Amount 50.000          | Range 70  | - 130 | Recovery | =      | 105.140% |            |
| 11) 1,1-Dichloroethene-d2     | 2.060     | 65    | 66277    | 49.317 | ug/L     | 0.00       |
| Spiked Amount 50.000          | Range 60  | - 125 | Recovery | =      | 98.640%  |            |
| 21) 2-Butanone-d5             | 3.789     | 46    | 195850   | 98.556 | ug/L     | 0.00       |
| Spiked Amount 100.000         | Range 40  | - 130 | Recovery | =      | 98.560%  |            |
| 24) Chloroform-d              | 4.246     | 84    | 265406   | 50.515 | ug/L     | 0.00       |
| Spiked Amount 50.000          | Range 70  | - 125 | Recovery | =      | 101.020% |            |
| 26) 1,2-Dichloroethane-d4     | 4.940     | 65    | 176175   | 51.312 | ug/L     | 0.00       |
| Spiked Amount 50.000          | Range 70  | - 125 | Recovery | =      | 102.620% |            |
| 32) Benzene-d6                | 4.957     | 84    | 516444   | 55.139 | ug/L     | 0.00       |
| Spiked Amount 50.000          | Range 70  | - 125 | Recovery | =      | 110.280% |            |
| 36) 1,2-Dichloropropane-d6    | 5.985     | 67    | 158340   | 55.395 | ug/L     | 0.00       |
| Spiked Amount 50.000          | Range 70  | - 120 | Recovery | =      | 110.780% |            |
| 41) Toluene-d8                | 7.243     | 98    | 460848   | 54.371 | ug/L     | 0.00       |
| Spiked Amount 50.000          | Range 80  | - 120 | Recovery | =      | 108.740% |            |
| 43) trans-1,3-Dichloroprop... | 7.554     | 79    | 72591    | 50.572 | ug/L     | 0.00       |
| Spiked Amount 50.000          | Range 60  | - 125 | Recovery | =      | 101.140% |            |
| 47) 2-Hexanone-d5             | 8.024     | 63    | 126194   | 88.411 | ug/L     | 0.00       |
| Spiked Amount 100.000         | Range 45  | - 130 | Recovery | =      | 88.410%  |            |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152    | 84    | 198904   | 52.877 | ug/L     | 0.00       |
| Spiked Amount 50.000          | Range 65  | - 120 | Recovery | =      | 105.760% |            |
| 66) 1,2-Dichlorobenzene-d4    | 11.561    | 152   | 162234   | 55.979 | ug/L     | 0.00       |
| Spiked Amount 50.000          | Range 80  | - 120 | Recovery | =      | 111.960% |            |
| Target Compounds              |           |       |          |        |          |            |
| 12) 1,1-Dichloroethene        | 2.069     | 96    | 3813     | 1.486  | ug/L     | Qvalue # 1 |
| 20) cis-1,2-Dichloroethene    | 3.825     | 96    | 3249     | 1.205  | ug/L     | 87         |
| 34) Trichloroethene           | 5.838     | 95    | 35669    | 13.026 | ug/L     | 98         |
| -----                         |           |       |          |        |          |            |

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

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