

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW061523\  
 Data File : VW031529.D  
 Acq On : 15 Jun 2023 14:27  
 Operator : SY/MD  
 Sample : 03249-05  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 13 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 EXYS7

Quant Time: Jun 16 02:48:06 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM061423WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Jun 16 02:44:48 2023  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|---------|-------|----------|----------|--------|----------|
| -----                         |         |       |          |          |        |          |
| Internal Standards            |         |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.542   | 114   | 177766   | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.792   | 117   | 177802   | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.191  | 152   | 86668    | 50.000   | ug/L   | 0.00     |
| System Monitoring Compounds   |         |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.281   | 65    | 49664    | 41.978   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery | =      | 83.960%  |
| 7) Chloroethane-d5            | 1.535   | 69    | 48310    | 46.799   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery | =      | 93.600%  |
| 11) 1,1-Dichloroethene-d2     | 2.066   | 65    | 26263    | 43.072   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 86.140%  |
| 21) 2-Butanone-d5             | 3.796   | 46    | 114580   | 119.606  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery | =      | 119.610% |
| 24) Chloroform-d              | 4.259   | 84    | 141245   | 47.670   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 95.340%  |
| 26) 1,2-Dichloroethane-d4     | 4.950   | 65    | 96978    | 52.312   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 104.620% |
| 32) Benzene-d6                | 4.969   | 84    | 250440   | 50.041   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery | =      | 100.080% |
| 36) 1,2-Dichloropropane-d6    | 5.995   | 67    | 91712    | 51.703   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery | =      | 103.400% |
| 41) Toluene-d8                | 7.249   | 98    | 210638   | 45.864   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 91.720%  |
| 43) trans-1,3-Dichloroprop... | 7.558   | 79    | 43432    | 50.226   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery | =      | 100.460% |
| 47) 2-Hexanone-d5             | 8.030   | 63    | 78727    | 112.408  | ug/L   | 0.00     |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery | =      | 112.410% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.159  | 84    | 135584   | 50.640   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery | =      | 101.280% |
| 66) 1,2-Dichlorobenzene-d4    | 11.567  | 152   | 92332    | 55.890   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery | =      | 111.780% |
| Target Compounds              |         |       |          |          |        |          |
|                               |         |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.288   | 62    | 96388    | 54.649   | ug/L   | 100      |
| 8) Chloroethane               | 1.555   | 64    | 19351    | 16.987   | ug/L   | 98       |
| 12) 1,1-Dichloroethene        | 2.076   | 96    | 12597    | 9.577    | ug/L # | 1        |
| 17) trans-1,2-Dichloroethene  | 2.706   | 96    | 7804     | 5.684    | ug/L   | 92       |
| 19) 1,1-Dichloroethane        | 3.121   | 63    | 822444   | 277.543  | ug/L   | 99       |
| 20) cis-1,2-Dichloroethene    | 3.821   | 96    | 970472   | 654.052  | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 5.059   | 62    | 4738     | 1.993    | ug/L   | 99       |
| 30) 1,1,1-Trichloroethane     | 4.522   | 97    | 670797   | 235.310  | ug/L   | 100      |
| 34) Trichloroethene           | 5.844   | 95    | 8319     | 5.259    | ug/L   | 95       |
| 46) Tetrachloroethene         | 7.915   | 164   | 19971    | 16.086   | ug/L   | 96       |
| 53) m,p-Xylene                | 9.085   | 106   | 1653     | 0.659    | ug/L   | 91       |
| 54) o-Xylene                  | 9.487   | 106   | 2389     | 1.004    | ug/L   | 80       |
| 63) 1,2,4-Trimethylbenzene    | 10.863  | 105   | 9768     | 2.296    | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 11.586  | 146   | 2948     | 1.054    | ug/L   | 92       |
| -----                         |         |       |          |          |        |          |

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

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