

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VW121523\  
 Data File : VW033393.D  
 Acq On : 15 Dec 2023 21:30  
 Operator : SY/MD  
 Sample : 05846-14  
 Misc : 5.0mL/MSVOA\_V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 YCHD5

Quant Time: Dec 16 00:21:01 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVLM121523WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Fri Dec 15 23:24:47 2023  
 Response via : Initial Calibration

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.535          | 114  | 226133     | 50.000   | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.786          | 117  | 229325     | 50.000   | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.188         | 152  | 96775      | 50.000   | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.278          | 65   | 82032      | 47.106   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 135 |      | Recovery = | 94.220%  |        |          |
| 7) Chloroethane-d5            | 1.532          | 69   | 73414      | 46.976   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 130 |      | Recovery = | 93.960%  |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.059          | 65   | 40670      | 46.916   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 93.840%  |        |          |
| 21) 2-Butanone-d5             | 3.783          | 46   | 88748      | 101.119  | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 40 - 130 |      | Recovery = | 101.120% |        |          |
| 24) Chloroform-d              | 4.249          | 84   | 161223     | 46.803   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 93.600%  |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.940          | 65   | 102348     | 48.366   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.740%  |        |          |
| 32) Benzene-d6                | 4.960          | 84   | 298386     | 48.310   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 125 |      | Recovery = | 96.620%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.989          | 67   | 92785      | 49.497   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 70 - 120 |      | Recovery = | 99.000%  |        |          |
| 41) Toluene-d8                | 7.243          | 98   | 255729     | 45.249   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 90.500%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.554          | 79   | 41021      | 44.651   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 60 - 125 |      | Recovery = | 89.300%  |        |          |
| 47) 2-Hexanone-d5             | 8.024          | 63   | 59941      | 95.069   | ug/L   | 0.00     |
| Spiked Amount 100.000         | Range 45 - 130 |      | Recovery = | 95.070%  |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.152         | 84   | 127131     | 47.187   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 65 - 120 |      | Recovery = | 94.380%  |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.561         | 152  | 101216     | 55.657   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 80 - 120 |      | Recovery = | 111.320% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          |        | Qvalue   |
| 5) Vinyl chloride             | 1.285          | 62   | 20063      | 10.942   | ug/L   | 91       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.069          | 101  | 7286       | 3.884    | ug/L # | 78       |
| 12) 1,1-Dichloroethene        | 2.069          | 96   | 602792     | 378.274  | ug/L # | 66       |
| 13) Acetone                   | 2.111          | 43   | 40153      | 39.413   | ug/L   | 97       |
| 14) Carbon disulfide          | 2.243          | 76   | 4110       | 1.009    | ug/L # | 89       |
| 19) 1,1-Dichloroethane        | 3.111          | 63   | 46786      | 16.207   | ug/L   | 94       |
| 20) cis-1,2-Dichloroethene    | 3.815          | 96   | 79737      | 46.691   | ug/L   | 97       |
| 22) 2-Butanone                | 3.873          | 43   | 32980      | 32.858   | ug/L   | 96       |
| 25) Chloroform                | 4.272          | 83   | 7767       | 2.391    | ug/L   | 88       |
| 27) 1,2-Dichloroethane        | 5.046          | 62   | 45743      | 18.266   | ug/L   | 100      |
| 30) 1,1,1-Trichloroethane     | 4.513          | 97   | 99479      | 35.134   | ug/L   | 98       |
| 33) Benzene                   | 5.018          | 78   | 9310       | 1.523    | ug/L   | 100      |
| 34) Trichloroethene           | 5.834          | 95   | 55508      | 33.101   | ug/L   | 97       |
| 37) 1,2-Dichloropropane       | 6.101          | 63   | 3913       | 2.361    | ug/L   | 99       |
| 46) Tetrachloroethene         | 7.915          | 164  | 1759       | 1.342    | ug/L   | 95       |
| -----                         |                |      |            |          |        |          |

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

