

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_X\Data\VX111324\  
 Data File : VX043841.D  
 Acq On : 13 Nov 2024 18:11  
 Operator : JC/MD  
 Sample : P4785-17  
 Misc : 5.0mL/MSVOA\_X/WATER  
 ALS Vial : 15 Sample Multiplier: 1

Instrument :  
 MSVOA\_X  
 ClientSampleId :

Quant Time: Nov 14 04:30:48 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_X\Method\SFAMXML110424WMA.M  
 Quant Title : VOC Analysis  
 QLast Update : Wed Nov 13 02:04:29 2024  
 Response via : Initial Calibration

| Compound                      | R.T.    | QIon  | Response | Conc      | Units  | Dev(Min)  |
|-------------------------------|---------|-------|----------|-----------|--------|-----------|
| -----                         |         |       |          |           |        |           |
| Internal Standards            |         |       |          |           |        |           |
| 1) 1,4-Difluorobenzene        | 6.775   | 114   | 240901   | 50.000    | ug/L   | 0.02      |
| 28) Chlorobenzene-d5          | 10.055  | 117   | 211048   | 50.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 12.024  | 152   | 108776   | 50.000    | ug/L   | 0.00      |
|                               |         |       |          |           |        |           |
| System Monitoring Compounds   |         |       |          |           |        |           |
| 4) Vinyl Chloride-d3          | 1.367   | 65    | 76066    | 59.271    | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 135 | Recovery  | =      | 118.540%  |
| 7) Chloroethane-d5            | 1.642   | 69    | 48712    | 88.303    | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 130 | Recovery  | =      | 176.600%# |
| 11) 1,1-Dichloroethene-d2     | 2.300   | 65    | 33642    | 56.785    | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery  | =      | 113.560%  |
| 21) 2-Butanone-d5             | 4.483   | 46    | 66854    | 79.561    | ug/L   | 0.02      |
| Spiked Amount                 | 100.000 | Range | 40 - 130 | Recovery  | =      | 79.560%   |
| 24) Chloroform-d              | 5.056   | 84    | 138989   | 50.238    | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery  | =      | 100.480%  |
| 26) 1,2-Dichloroethane-d4     | 5.952   | 65    | 90703    | 51.607    | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery  | =      | 103.220%  |
| 32) Benzene-d6                | 5.983   | 84    | 274961   | 50.392    | ug/L   | 0.02      |
| Spiked Amount                 | 50.000  | Range | 70 - 125 | Recovery  | =      | 100.780%  |
| 36) 1,2-Dichloropropane-d6    | 7.354   | 67    | 59159    | 35.637    | ug/L   | 0.05      |
| Spiked Amount                 | 50.000  | Range | 70 - 120 | Recovery  | =      | 71.280%   |
| 41) Toluene-d8                | 8.647   | 98    | 240321   | 48.484    | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery  | =      | 96.960%   |
| 43) trans-1,3-Dichloroprop... | 8.951   | 79    | 40422    | 50.916    | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 60 - 125 | Recovery  | =      | 101.840%  |
| 47) 2-Hexanone-d5             | 9.384   | 63    | 57842    | 88.044    | ug/L   | 0.00      |
| Spiked Amount                 | 100.000 | Range | 45 - 130 | Recovery  | =      | 88.040%   |
| 56) 1,1,2,2-Tetrachloroeth... | 11.189  | 84    | 108073   | 50.740    | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 65 - 120 | Recovery  | =      | 101.480%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.317  | 152   | 103808   | 55.080    | ug/L   | 0.00      |
| Spiked Amount                 | 50.000  | Range | 80 - 120 | Recovery  | =      | 110.160%  |
|                               |         |       |          |           |        |           |
| Target Compounds              |         |       |          |           |        | Qvalue    |
| 5) Vinyl chloride             | 1.374   | 62    | 175377   | 108.584   | ug/L   | 98        |
| 8) Chloroethane               | 1.666   | 64    | 1239     | 2.180     | ug/L   | 89        |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.319   | 101   | 12043    | 8.555     | ug/L   | 98        |
| 12) 1,1-Dichloroethene        | 2.312   | 96    | 142572   | 110.946   | ug/L # | 73        |
| 13) Acetone                   | 2.386   | 43    | 2387     | 3.054     | ug/L   | 95        |
| 16) Methylene chloride        | 2.788   | 84    | 2715     | 1.749     | ug/L   | 78        |
| 17) trans-1,2-Dichloroethene  | 3.087   | 96    | 90152    | 65.210    | ug/L   | 91        |
| 19) 1,1-Dichloroethane        | 3.605   | 63    | 335126   | 123.101   | ug/L   | 98        |
| 20) cis-1,2-Dichloroethene    | 4.483   | 96    | 4734583  | 2757.252  | ug/L   | 98        |
| 27) 1,2-Dichloroethane        | 6.104   | 62    | 3008     | 1.333     | ug/L   | 96        |
| 30) 1,1,1-Trichloroethane     | 5.385   | 97    | 419964   | 164.264   | ug/L   | 98        |
| 34) Trichloroethene           | 7.184   | 95    | 53316640 | 32967.281 | ug/L   | 97        |
| 35) Methylcyclohexane         | 7.354   | 83    | 15894    | 6.578     | ug/L # | 20        |
| 40) 4-Methyl-2-pentanone      | 8.574   | 43    | 9932     | 4.554     | ug/L # | 90        |
| 42) Toluene                   | 8.720   | 91    | 146688   | 23.183    | ug/L   | 100       |
| 45) 1,1,2-Trichloroethane     | 9.153   | 97    | 11580    | 7.047     | ug/L   | 94        |
| 46) Tetrachloroethene         | 9.275   | 164   | 95150    | 81.737    | ug/L   | 92        |
| 53) m,p-Xylene                | 10.305  | 106   | 3447     | 1.298     | ug/L   | 93        |
| -----                         |         |       |          |           |        |           |

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Quant Title : VOC Analysis  
QLast Update : Wed Nov 13 02:04:29 2024  
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------|------|------|----------|------|-------|----------|
|----------|------|------|----------|------|-------|----------|

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

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