

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV111924\  
 Data File : VV038190.D  
 Acq On : 19 Nov 2024 20:34  
 Operator : SY/MD  
 Sample : P4882-17  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 27 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG3J4

Quant Time: Nov 20 00:40:46 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111924WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Tue Nov 19 22:47:22 2024  
 Response via : Initial Calibration

### Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 11/21/2024  
 Supervised By :Semsettin Yesilyurt 11/21/2024

| Compound                      | R.T.           | QIon | Response   | Conc     | Units  | Dev(Min) |
|-------------------------------|----------------|------|------------|----------|--------|----------|
| -----                         |                |      |            |          |        |          |
| Internal Standards            |                |      |            |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.529          | 114  | 229074     | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.780          | 117  | 252340     | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.182         | 152  | 110050     | 5.000    | ug/L   | 0.00     |
|                               |                |      |            |          |        |          |
| System Monitoring Compounds   |                |      |            |          |        |          |
| 4) Vinyl Chloride-d3          | 1.275          | 65   | 80559      | 4.588    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 40 - 130 |      | Recovery = | 91.800%  |        |          |
| 7) Chloroethane-d5            | 1.526          | 69   | 75882      | 5.343    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 65 - 130 |      | Recovery = | 106.800% |        |          |
| 11) 1,1-Dichloroethene-d2     | 2.053          | 65   | 36682      | 4.855    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 60 - 125 |      | Recovery = | 97.000%  |        |          |
| 20) 2-Butanone-d5             | 3.780          | 46   | 194020     | 55.238   | ug/L   | -0.02    |
| Spiked Amount 50.000          | Range 40 - 130 |      | Recovery = | 110.480% |        |          |
| 24) Chloroform-d              | 4.240          | 84   | 179207     | 5.259    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 105.200% |        |          |
| 26) 1,2-Dichloroethane-d4     | 4.937          | 65   | 88208      | 5.769    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 115.400% |        |          |
| 32) Benzene-d6                | 4.950          | 84   | 324602     | 4.977    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 125 |      | Recovery = | 99.600%  |        |          |
| 36) 1,2-Dichloropropane-d6    | 5.982          | 67   | 111414     | 5.552    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 60 - 140 |      | Recovery = | 111.000% |        |          |
| 41) Toluene-d8                | 7.236          | 98   | 267034     | 4.425    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 70 - 130 |      | Recovery = | 88.400%  |        |          |
| 43) trans-1,3-Dichloroprop... | 7.558          | 79   | 36572      | 4.902    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 55 - 130 |      | Recovery = | 98.000%  |        |          |
| 46) 2-Hexanone-d5             | 8.018          | 63   | 182349     | 62.872   | ug/L   | 0.00     |
| Spiked Amount 50.000          | Range 45 - 130 |      | Recovery = | 125.740% |        |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146         | 84   | 93985      | 5.517    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 65 - 120 |      | Recovery = | 110.400% |        |          |
| 66) 1,2-Dichlorobenzene-d4    | 11.555         | 152  | 106330     | 5.671    | ug/L   | 0.00     |
| Spiked Amount 5.000           | Range 80 - 120 |      | Recovery = | 113.400% |        |          |
|                               |                |      |            |          |        |          |
| Target Compounds              |                |      |            |          | Qvalue |          |
| 2) Dichlorodifluoromethane    | 1.105          | 85   | 24574      | 1.134    | ug/L   | 98       |
| 3) Chloromethane              | 1.214          | 50   | 10667      | 0.572    | ug/L   | 98       |
| 9) Trichlorofluoromethane     | 1.709          | 101  | 6760       | 0.225    | ug/L   | 94       |
| 12) 1,1-Dichloroethene        | 2.060          | 96   | 4761       | 0.291    | ug/L # | 1        |
| 16) Methylene chloride        | 2.439          | 84   | 16847      | 0.903    | ug/L   | 94       |
| 17) Methyl tert-butyl Ether   | 2.700          | 73   | 54662      | 1.478    | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.108          | 63   | 4282       | 0.137    | ug/L   | 99       |
| 22) cis-1,2-Dichloroethene    | 3.809          | 96   | 43452      | 2.438    | ug/L   | 98       |
| 25) Chloroform                | 4.269          | 83   | 12099      | 0.361    | ug/L   | 99       |
| 27) 1,2-Dichloroethane        | 5.066          | 62   | 7018m      | 0.385    | ug/L   |          |
| 29) 1,1,1-Trichloroethane     | 4.507          | 97   | 25932      | 0.857    | ug/L   | 99       |
| 34) Trichloroethene           | 5.822          | 95   | 1590792    | 82.330   | ug/L   | 98       |
| 42) Toluene                   | 7.323          | 91   | 15359      | 0.205    | ug/L   | 94       |
| 47) Tetrachloroethene         | 7.896          | 164  | 395175     | 25.452   | ug/L   | 99       |
| 51) Chlorobenzene             | 8.809          | 112  | 9159       | 0.177    | ug/L # | 89       |
| -----                         |                |      |            |          |        |          |

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

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