

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV111924\  
 Data File : VV038186.D  
 Acq On : 19 Nov 2024 18:57  
 Operator : SY/MD  
 Sample : P4882-13  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 23 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG3J0

Quant Time: Nov 20 00:38:24 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

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| -----                      |        |      |          |       |       |          |
| Internal Standards         |        |      |          |       |       |          |
| 1) 1,4-Difluorobenzene     | 5.529  | 114  | 231917   | 5.000 | ug/L  | 0.00     |
| 28) Chlorobenzene-d5       | 8.779  | 117  | 246762   | 5.000 | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4 | 11.181 | 152  | 107025   | 5.000 | ug/L  | 0.00     |

|                               |        |       |          |          |      |          |
|-------------------------------|--------|-------|----------|----------|------|----------|
| System Monitoring Compounds   |        |       |          |          |      |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 81617    | 4.591    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =    | 91.800%  |
| 7) Chloroethane-d5            | 1.529  | 69    | 75934    | 5.281    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =    | 105.600% |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 36415    | 4.760    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =    | 95.200%  |
| 20) 2-Butanone-d5             | 3.780  | 46    | 200653   | 56.426   | ug/L | -0.02    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =    | 112.860% |
| 24) Chloroform-d              | 4.243  | 84    | 179734   | 5.210    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =    | 104.200% |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 88728    | 5.732    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =    | 114.600% |
| 32) Benzene-d6                | 4.950  | 84    | 323704   | 5.076    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =    | 101.600% |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67    | 109153   | 5.562    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =    | 111.200% |
| 41) Toluene-d8                | 7.239  | 98    | 264055   | 4.475    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =    | 89.400%  |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79    | 35995    | 4.933    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =    | 98.600%  |
| 46) 2-Hexanone-d5             | 8.017  | 63    | 177297   | 62.512   | ug/L | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =    | 125.020% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146 | 84    | 90648    | 5.441    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =    | 108.800% |
| 66) 1,2-Dichlorobenzene-d4    | 11.554 | 152   | 106412   | 5.836    | ug/L | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =    | 116.800% |

|                               |        |     |         |        |        |     |
|-------------------------------|--------|-----|---------|--------|--------|-----|
| Target Compounds              |        |     |         |        | Qvalue |     |
| 9) Trichlorofluoromethane     | 1.709  | 101 | 936344  | 30.731 | ug/L   | 99  |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.059  | 101 | 14794   | 0.851  | ug/L   | 90  |
| 12) 1,1-Dichloroethene        | 2.063  | 96  | 12196   | 0.736  | ug/L # | 1   |
| 16) Methylene chloride        | 2.442  | 84  | 41163   | 2.179  | ug/L   | 100 |
| 17) Methyl tert-butyl Ether   | 2.699  | 73  | 60142   | 1.606  | ug/L   | 98  |
| 18) trans-1,2-Dichloroethene  | 2.699  | 96  | 3267    | 0.187  | ug/L   | 85  |
| 19) 1,1-Dichloroethane        | 3.108  | 63  | 81675   | 2.578  | ug/L   | 97  |
| 22) cis-1,2-Dichloroethene    | 3.805  | 96  | 133116  | 7.378  | ug/L   | 99  |
| 25) Chloroform                | 4.275  | 83  | 23916   | 0.706  | ug/L   | 97  |
| 27) 1,2-Dichloroethane        | 5.063  | 62  | 6088    | 0.330  | ug/L # | 92  |
| 29) 1,1,1-Trichloroethane     | 4.506  | 97  | 42596   | 1.439  | ug/L   | 97  |
| 31) Carbon tetrachloride      | 4.725  | 117 | 3770    | 0.144  | ug/L   | 89  |
| 34) Trichloroethene           | 5.821  | 95  | 1423856 | 75.356 | ug/L   | 99  |
| 42) Toluene                   | 7.323  | 91  | 23524   | 0.320  | ug/L   | 94  |
| 47) Tetrachloroethene         | 7.898  | 164 | 113931  | 7.504  | ug/L   | 98  |
| 51) Chlorobenzene             | 8.815  | 112 | 20231   | 0.400  | ug/L   | 92  |
| 53) m,p-Xylene                | 9.079  | 106 | 3961    | 0.135  | ug/L   | 97  |
| 57) 1,1,2,2-Tetrachloroethane | 10.169 | 83  | 4716    | 0.286  | ug/L # | 96  |
| 67) 1,2-Dichlorobenzene       | 11.577 | 146 | 5834    | 0.190  | ug/L   | 89  |

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

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