

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV111924\  
 Data File : VV038189.D  
 Acq On : 19 Nov 2024 20:10  
 Operator : SY/MD  
 Sample : P4882-16  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 26 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 BG3J3

Quant Time: Nov 20 00:40:18 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   | 222185   | 5.000    | ug/L   | 0.00      |
| 28) Chlorobenzene-d5          | 8.779  | 117   | 242859   | 5.000    | ug/L   | 0.00      |
| 58) 1,4-Dichlorobenzene-d4    | 11.181 | 152   | 103552   | 5.000    | ug/L   | 0.00      |
|                               |        |       |          |          |        |           |
| System Monitoring Compounds   |        |       |          |          |        |           |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 80085    | 4.703    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 94.000%   |
| 7) Chloroethane-d5            | 1.529  | 69    | 74704    | 5.423    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 108.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 35755    | 4.879    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 97.600%   |
| 20) 2-Butanone-d5             | 3.780  | 46    | 192310   | 56.449   | ug/L   | -0.02     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 112.900%  |
| 24) Chloroform-d              | 4.239  | 84    | 179561   | 5.433    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 108.600%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 89309    | 6.022    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 120.400%  |
| 32) Benzene-d6                | 4.953  | 84    | 322890   | 5.144    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 102.800%  |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67    | 111136   | 5.754    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 115.000%  |
| 41) Toluene-d8                | 7.239  | 98    | 262381   | 4.518    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.400%   |
| 43) trans-1,3-Dichloroprop... | 7.554  | 79    | 36045    | 5.020    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 100.400%  |
| 46) 2-Hexanone-d5             | 8.017  | 63    | 182927   | 65.533   | ug/L   | 0.00      |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 131.060%# |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146 | 84    | 89660    | 5.468    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 109.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.554 | 152   | 106954   | 6.062    | ug/L   | 0.00      |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 121.200%# |
|                               |        |       |          |          |        |           |
| Target Compounds              |        |       |          | Qvalue   |        |           |
| 2) Dichlorodifluoromethane    | 1.105  | 85    | 29090    | 1.384    | ug/L   | 97        |
| 3) Chloromethane              | 1.214  | 50    | 6813     | 0.376    | ug/L   | 95        |
| 9) Trichlorofluoromethane     | 1.709  | 101   | 7545     | 0.258    | ug/L   | 96        |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.059  | 101   | 3227     | 0.194    | ug/L # | 81        |
| 12) 1,1-Dichloroethene        | 2.063  | 96    | 4195     | 0.264    | ug/L # | 1         |
| 16) Methylene chloride        | 2.442  | 84    | 17598    | 0.972    | ug/L   | 95        |
| 17) Methyl tert-butyl Ether   | 2.699  | 73    | 57577    | 1.605    | ug/L   | 97        |
| 19) 1,1-Dichloroethane        | 3.111  | 63    | 4494     | 0.148    | ug/L   | 95        |
| 22) cis-1,2-Dichloroethene    | 3.809  | 96    | 40091    | 2.319    | ug/L   | 98        |
| 25) Chloroform                | 4.275  | 83    | 12578    | 0.387    | ug/L   | 96        |
| 27) 1,2-Dichloroethane        | 5.063  | 62    | 5931     | 0.336    | ug/L   | 98        |
| 29) 1,1,1-Trichloroethane     | 4.506  | 97    | 24952    | 0.857    | ug/L   | 96        |
| 34) Trichloroethene           | 5.821  | 95    | 1380485  | 74.235   | ug/L   | 98        |
| 42) Toluene                   | 7.326  | 91    | 15921    | 0.220    | ug/L   | 93        |
| 47) Tetrachloroethene         | 7.895  | 164   | 552181   | 36.952   | ug/L   | 99        |
| -----                         |        |       |          |          |        |           |

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

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