

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\DATA\VV111324\  
 Data File : VV038066.D  
 Acq On : 13 Nov 2024 23:59  
 Operator : SY/MD  
 Sample : P4804-09  
 Misc : 25mL/MSVOA\_V/WATER  
 ALS Vial : 36 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 H46T1

Quant Time: Nov 14 01:02:40 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR111224WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Nov 13 00:39:48 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 5.529  | 114   | 237038   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.780  | 117   | 244750   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.178 | 152   | 108257   | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.275  | 65    | 73378    | 3.556    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 71.200%  |
| 7) Chloroethane-d5            | 1.529  | 69    | 71773    | 4.268    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 85.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.053  | 65    | 32473    | 3.592    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 71.800%  |
| 20) 2-Butanone-d5             | 3.780  | 46    | 200336   | 42.254   | ug/L   | -0.03    |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 84.500%  |
| 24) Chloroform-d              | 4.243  | 84    | 178892   | 4.600    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.000%  |
| 26) 1,2-Dichloroethane-d4     | 4.937  | 65    | 83599    | 4.526    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 90.600%  |
| 32) Benzene-d6                | 4.950  | 84    | 314292   | 4.156    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 83.200%  |
| 36) 1,2-Dichloropropane-d6    | 5.982  | 67    | 102220   | 4.315    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 86.200%  |
| 41) Toluene-d8                | 7.239  | 98    | 241145   | 3.487    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 69.800%# |
| 43) trans-1,3-Dichloroprop... | 7.558  | 79    | 31594    | 3.290    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 65.800%  |
| 46) 2-Hexanone-d5             | 8.018  | 63    | 176236   | 41.052   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 82.100%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.146 | 84    | 86236    | 4.401    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 88.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 11.554 | 152   | 106930   | 4.751    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 95.000%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 5) Vinyl chloride             | 1.278  | 62    | 33436    | 1.389    | ug/L   | 95       |
| 17) Methyl tert-butyl Ether   | 2.696  | 73    | 14645    | 0.334    | ug/L # | 92       |
| 18) trans-1,2-Dichloroethene  | 2.693  | 96    | 27778    | 1.425    | ug/L   | 99       |
| 19) 1,1-Dichloroethane        | 3.111  | 63    | 4477     | 0.128    | ug/L   | 93       |
| 22) cis-1,2-Dichloroethene    | 3.802  | 96    | 720827   | 35.175   | ug/L   | 97       |
| 25) Chloroform                | 4.272  | 83    | 53107    | 1.436    | ug/L   | 100      |
| 34) Trichloroethene           | 5.825  | 95    | 126820   | 5.960    | ug/L   | 98       |
| -----                         |        |       |          |          |        |          |

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

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