

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU100124\  
 Data File : VU061049.D  
 Acq On : 01 Oct 2024 17:25  
 Operator : MD/SY  
 Sample : P4227-04 100X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 21 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 PMW-9D(20240926)

Quant Time: Oct 02 02:37:00 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR100124WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Oct 02 02:09:38 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.242  | 114   | 183103   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.412  | 117   | 170541   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 81286    | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 60229    | 4.601    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 92.000%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 45802    | 4.674    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 93.400%  |
| 11) 1,1-Dichloroethene-d2     | 2.560  | 65    | 26657    | 4.616    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 92.400%  |
| 20) 2-Butanone-d5             | 4.631  | 46    | 159341   | 50.814   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 101.620% |
| 24) Chloroform-d              | 5.055  | 84    | 108901   | 4.720    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.695  | 65    | 60549    | 4.951    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 99.000%  |
| 32) Benzene-d6                | 5.718  | 84    | 222084   | 4.939    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 98.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 73138    | 4.953    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 99.000%  |
| 41) Toluene-d8                | 7.891  | 98    | 202057   | 4.807    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.200%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 30114    | 4.769    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 95.400%  |
| 46) 2-Hexanone-d5             | 8.627  | 63    | 130315   | 49.862   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 99.720%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.746 | 84    | 53032    | 4.897    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 98.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 66517    | 5.118    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 102.400% |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 51) Chlorobenzene             | 9.441  | 112   | 21172    | 0.649    | ug/L   | 94       |
| 64) 1,3-Dichlorobenzene       | 11.740 | 146   | 30039    | 1.289    | ug/L   | 97       |
| 65) 1,4-Dichlorobenzene       | 11.830 | 146   | 90568    | 3.932    | ug/L   | 96       |
| 67) 1,2-Dichlorobenzene       | 12.206 | 146   | 6950     | 0.323    | ug/L # | 92       |
| 70) 1,2,4-trichlorobenzene    | 13.833 | 180   | 234806   | 18.675   | ug/L   | 97       |
| 72) 1,2,3-Trichlorobenzene    | 14.328 | 180   | 10557    | 1.009    | ug/L   | 96       |
| -----                         |        |       |          |          |        |          |

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

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