

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092623\  
 Data File : VU055523.D  
 Acq On : 26 Sep 2023 17:51  
 Operator : MD/SY  
 Sample : 04610-08DL 2X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 20 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 DCJK4DL

Quant Time: Sep 27 04:51:14 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 27 04:44:22 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.245  | 114   | 271371   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 280439   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810 | 152   | 150005   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 125580   | 4.579    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 91.600%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 94216    | 3.898    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 78.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 51657    | 4.576    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 91.600%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 216057   | 43.613   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 87.220%  |
| 24) Chloroform-d              | 5.058  | 84    | 222399   | 4.483    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 89.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 105682   | 4.429    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.600%  |
| 32) Benzene-d6                | 5.724  | 84    | 450506   | 4.593    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 91.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.688  | 67    | 137344   | 4.686    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 93.800%  |
| 41) Toluene-d8                | 7.894  | 98    | 388114   | 4.341    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 86.800%  |
| 43) trans-1,3-Dichloroprop... | 8.180  | 79    | 49149    | 4.779    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 95.600%  |
| 46) 2-Hexanone-d5             | 8.630  | 63    | 139370   | 44.549   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 89.100%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 100339   | 4.568    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 91.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 145135   | 4.794    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 95.800%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.602  | 62    | 116151   | 4.632    | ug/L   | 100      |
| 12) 1,1-Dichloroethene        | 2.576  | 96    | 130092   | 6.856    | ug/L   | 89       |
| 16) Methylene chloride        | 3.039  | 84    | 254861   | 11.212   | ug/L   | 98       |
| 18) trans-1,2-Dichloroethene  | 3.351  | 96    | 154546   | 8.081    | ug/L   | 97       |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96    | 65043    | 2.934    | ug/L   | 98       |
| 27) 1,2-Dichloroethane        | 5.788  | 62    | 32523    | 1.416    | ug/L # | 93       |
| 29) 1,1,1-Trichloroethane     | 5.312  | 97    | 221843   | 6.939    | ug/L   | 98       |
| 31) Carbon tetrachloride      | 5.521  | 117   | 162793   | 5.941    | ug/L   | 98       |
| 33) Benzene                   | 5.769  | 78    | 775003   | 9.602    | ug/L   | 100      |
| 34) Trichloroethene           | 6.541  | 95    | 56542    | 2.476    | ug/L   | 99       |
| 37) 1,2-Dichloropropane       | 6.788  | 63    | 157235   | 7.449    | ug/L   | 99       |
| 42) Toluene                   | 7.965  | 91    | 867946   | 10.081   | ug/L   | 100      |
| 45) 1,1,2-Trichloroethane     | 8.396  | 97    | 30190    | 2.040    | ug/L   | 97       |
| 47) Tetrachloroethene         | 8.550  | 164   | 120972   | 7.386    | ug/L   | 98       |
| 51) Chlorobenzene             | 9.444  | 112   | 347913   | 6.309    | ug/L   | 98       |
| 52) Ethylbenzene              | 9.566  | 91    | 839060   | 9.091    | ug/L   | 97       |
| 53) m,p-Xylene                | 9.688  | 106   | 284686   | 8.230    | ug/L   | 98       |
| 54) o-Xylene                  | 10.097 | 106   | 109526   | 3.257    | ug/L   | 98       |
| 55) Styrene                   | 10.113 | 104   | 560302   | 10.304   | ug/L   | 98       |

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Wed Sep 27 04:44:22 2023  
Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| 65) 1,4-Dichlorobenzene    | 11.833 | 146  | 333986   | 8.073 | ug/L  | 99       |
| 67) 1,2-Dichlorobenzene    | 12.209 | 146  | 335334   | 8.837 | ug/L  | 99       |
| 70) 1,2,4-trichlorobenzene | 13.839 | 180  | 74551    | 3.431 | ug/L  | 98       |

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

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