

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092723\  
 Data File : VU055562.D  
 Acq On : 27 Sep 2023 19:37  
 Operator : MD/SY  
 Sample : 04530-05DL 5X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 19 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EYHY3DL

Quant Time: Sep 27 23:37:41 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 27 23:33:30 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114   | 203032   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 215184   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810 | 152   | 107777   | 5.000    | ug/L   | 0.00     |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.595  | 65    | 97461    | 4.749    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 95.000%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 80445    | 4.448    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 89.000%  |
| 11) 1,1-Dichloroethene-d2     | 2.566  | 65    | 37573    | 4.448    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 89.000%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 181819   | 49.055   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 98.100%  |
| 24) Chloroform-d              | 5.062  | 84    | 175741   | 4.735    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 94.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 86032    | 4.819    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.400%  |
| 32) Benzene-d6                | 5.724  | 84    | 349320   | 4.641    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 92.800%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 108100   | 4.807    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 96.200%  |
| 41) Toluene-d8                | 7.897  | 98    | 303321   | 4.421    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 88.400%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 36048    | 4.568    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 91.400%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 98314    | 40.956   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 81.920%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 83832    | 4.974    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 99.400%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 108179   | 4.973    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 99.400%  |
| Target Compounds              |        |       |          |          |        |          |
|                               |        |       |          |          | Qvalue |          |
| 5) Vinyl chloride             | 1.602  | 62    | 214653   | 11.442   | ug/L   | 100      |
| 16) Methylene chloride        | 3.039  | 84    | 7257     | 0.427    | ug/L   | 87       |
| 18) trans-1,2-Dichloroethene  | 3.351  | 96    | 2796     | 0.195    | ug/L   | 75       |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96    | 113342   | 6.833    | ug/L   | 97       |
| 33) Benzene                   | 5.772  | 78    | 10927    | 0.176    | ug/L   | 100      |
| -----                         |        |       |          |          |        |          |

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

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