

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092623\  
 Data File : VU055534.D  
 Acq On : 26 Sep 2023 23:06  
 Operator : MD/SY  
 Sample : 04530-16  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 33 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EYJ05

Quant Time: Sep 27 06:36:11 2023  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR091923WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Wed Sep 27 06:19:47 2023  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|-------|----------|
| -----                         |        |       |          |          |       |          |
| Internal Standards            |        |       |          |          |       |          |
| 1) 1,4-Difluorobenzene        | 6.248  | 114   | 257841   | 5.000    | ug/L  | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117   | 267623   | 5.000    | ug/L  | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.811 | 152   | 136682   | 5.000    | ug/L  | 0.00     |
|                               |        |       |          |          |       |          |
| System Monitoring Compounds   |        |       |          |          |       |          |
| 4) Vinyl Chloride-d3          | 1.596  | 65    | 117864   | 4.523    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =     | 90.400%  |
| 7) Chloroethane-d5            | 1.911  | 69    | 67412    | 2.935    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =     | 58.800%# |
| 11) 1,1-Dichloroethene-d2     | 2.563  | 65    | 42253    | 3.939    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =     | 78.800%  |
| 20) 2-Butanone-d5             | 4.624  | 46    | 178744   | 37.974   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =     | 75.940%  |
| 24) Chloroform-d              | 5.058  | 84    | 192040   | 4.074    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 81.400%  |
| 26) 1,2-Dichloroethane-d4     | 5.698  | 65    | 88447    | 3.901    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 78.000%  |
| 32) Benzene-d6                | 5.724  | 84    | 388206   | 4.147    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =     | 83.000%  |
| 36) 1,2-Dichloropropane-d6    | 6.685  | 67    | 116815   | 4.177    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =     | 83.600%  |
| 41) Toluene-d8                | 7.894  | 98    | 338904   | 3.972    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =     | 79.400%  |
| 43) trans-1,3-Dichloroprop... | 8.177  | 79    | 39707    | 4.045    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =     | 81.000%  |
| 46) 2-Hexanone-d5             | 8.631  | 63    | 107990   | 36.172   | ug/L  | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =     | 72.340%  |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84    | 86996    | 4.150    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =     | 83.000%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152   | 121580   | 4.407    | ug/L  | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =     | 88.200%  |
|                               |        |       |          |          |       |          |
| Target Compounds              |        |       |          |          |       | Qvalue   |
| 5) Vinyl chloride             | 1.602  | 62    | 2541445  | 106.673  | ug/L  | 98       |
| 14) Carbon disulfide          | 2.792  | 76    | 14712    | 0.271    | ug/L  | 97       |
| 18) trans-1,2-Dichloroethene  | 3.354  | 96    | 5876     | 0.323    | ug/L  | 96       |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96    | 215044   | 10.208   | ug/L  | 94       |
| 33) Benzene                   | 5.775  | 78    | 11010    | 0.143    | ug/L  | 100      |
| 54) o-Xylene                  | 10.100 | 106   | 6324     | 0.197    | ug/L  | 88       |
| -----                         |        |       |          |          |       |          |

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

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