

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU092823\  
 Data File : VU055580.D  
 Acq On : 28 Sep 2023 16:00  
 Operator : MD/SY  
 Sample : 04530-09DL 50X  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 12 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EYHY5DL

Quant Time: Sep 29 02:13:40 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            | 163863   | 5.000  | ug/L     | 0.00     |
| 28) Chlorobenzene-d5          | 9.415  | 117            | 174334   | 5.000  | ug/L     | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.810 | 152            | 85075    | 5.000  | ug/L     | 0.00     |
|                               |        |                |          |        |          |          |
| System Monitoring Compounds   |        |                |          |        |          |          |
| 4) Vinyl Chloride-d3          | 1.599  | 65             | 83467    | 5.040  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 40 - 130 | Recovery | =      | 100.800% |          |
| 7) Chloroethane-d5            | 1.914  | 69             | 76780    | 5.261  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 130 | Recovery | =      | 105.200% |          |
| 11) 1,1-Dichloroethene-d2     | 2.567  | 65             | 31745    | 4.657  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 125 | Recovery | =      | 93.200%  |          |
| 20) 2-Butanone-d5             | 4.634  | 46             | 155610   | 52.019 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 40 - 130 | Recovery | =      | 104.040% |          |
| 24) Chloroform-d              | 5.062  | 84             | 153302   | 5.118  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 102.400% |          |
| 26) 1,2-Dichloroethane-d4     | 5.701  | 65             | 76067    | 5.279  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 105.600% |          |
| 32) Benzene-d6                | 5.727  | 84             | 302447   | 4.960  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 125 | Recovery | =      | 99.200%  |          |
| 36) 1,2-Dichloropropane-d6    | 6.689  | 67             | 93266    | 5.119  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 60 - 140 | Recovery | =      | 102.400% |          |
| 41) Toluene-d8                | 7.897  | 98             | 253317   | 4.558  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 70 - 130 | Recovery | =      | 91.200%  |          |
| 43) trans-1,3-Dichloroprop... | 8.180  | 79             | 33298    | 5.208  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 55 - 130 | Recovery | =      | 104.200% |          |
| 46) 2-Hexanone-d5             | 8.634  | 63             | 85109    | 43.762 | ug/L     | 0.00     |
| Spiked Amount                 | 50.000 | Range 45 - 130 | Recovery | =      | 87.520%  |          |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84             | 70005    | 5.127  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 65 - 120 | Recovery | =      | 102.600% |          |
| 66) 1,2-Dichlorobenzene-d4    | 12.190 | 152            | 89215    | 5.196  | ug/L     | 0.00     |
| Spiked Amount                 | 5.000  | Range 80 - 120 | Recovery | =      | 104.000% |          |
|                               |        |                |          |        |          |          |
| Target Compounds              |        |                |          |        |          |          |
| 5) Vinyl chloride             | 1.602  | 62             | 29850    | 1.971  | ug/L     | 95       |
| 16) Methylene chloride        | 3.046  | 84             | 10135    | 0.738  | ug/L     | 95       |
| 18) trans-1,2-Dichloroethene  | 3.354  | 96             | 1896     | 0.164  | ug/L     | 95       |
| 22) cis-1,2-Dichloroethene    | 4.663  | 96             | 144765   | 10.813 | ug/L     | 99       |
| 34) Trichloroethene           | 6.544  | 95             | 10206    | 0.719  | ug/L     | 93       |
| 47) Tetrachloroethene         | 8.553  | 164            | 6921     | 0.680  | ug/L     | 89       |
| -----                         |        |                |          |        |          |          |

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

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