

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU071224\  
 Data File : VU059923.D  
 Acq On : 12 Jul 2024 15:48  
 Operator : MD/SY  
 Sample : P3217-07  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 14 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 YDZG4

Manual Integrations  
 APPROVED

Reviewed By :Mahesh Dadoda 07/15/2024  
 Supervised By :Semsettin Yesilyurt 07/15/2024

Quant Time: Jul 13 03:57:33 2024  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR061724WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Sat Jul 13 03:52:33 2024  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response  | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|-----------|----------|--------|----------|
| -----                         |        |       |           |          |        |          |
| Internal Standards            |        |       |           |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.238  | 114   | 195583    | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.418  | 117   | 205597    | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.804 | 152   | 106006    | 5.000    | ug/L   | 0.00     |
|                               |        |       |           |          |        |          |
| System Monitoring Compounds   |        |       |           |          |        |          |
| 4) Vinyl Chloride-d3          | 1.583  | 65    | 65201     | 4.794    | ug/L   | -0.01    |
| Spiked Amount                 | 5.000  | Range | 40 - 130  | Recovery | =      | 95.800%  |
| 7) Chloroethane-d5            | 1.901  | 69    | 54784     | 4.187    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130  | Recovery | =      | 83.800%  |
| 11) 1,1-Dichloroethene-d2     | 2.550  | 65    | 28033     | 4.968    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125  | Recovery | =      | 99.400%  |
| 20) 2-Butanone-d5             | 4.685  | 46    | 136959    | 48.890   | ug/L   | 0.06     |
| Spiked Amount                 | 50.000 | Range | 40 - 130  | Recovery | =      | 97.780%  |
| 24) Chloroform-d              | 5.049  | 84    | 113402    | 4.062    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125  | Recovery | =      | 81.200%  |
| 26) 1,2-Dichloroethane-d4     | 5.692  | 65    | 58645     | 4.361    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130  | Recovery | =      | 87.200%  |
| 32) Benzene-d6                | 5.711  | 84    | 238520    | 4.215    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125  | Recovery | =      | 84.400%  |
| 36) 1,2-Dichloropropane-d6    | 6.682  | 67    | 71826     | 4.143    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140  | Recovery | =      | 82.800%  |
| 41) Toluene-d8                | 7.888  | 98    | 215874    | 4.104    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130  | Recovery | =      | 82.000%  |
| 43) trans-1,3-Dichloroprop... | 8.174  | 79    | 26255     | 4.836    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130  | Recovery | =      | 96.800%  |
| 46) 2-Hexanone-d5             | 8.637  | 63    | 119290    | 52.880   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130  | Recovery | =      | 105.760% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.749 | 84    | 58229     | 4.065    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120  | Recovery | =      | 81.200%  |
| 66) 1,2-Dichlorobenzene-d4    | 12.187 | 152   | 87158     | 4.620    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120  | Recovery | =      | 92.400%  |
|                               |        |       |           |          |        |          |
| Target Compounds              |        |       |           |          |        |          |
| 5) Vinyl chloride             | 1.589  | 62    | 47724     | 2.422    | ug/L   | 98       |
| 14) Carbon disulfide          | 2.772  | 76    | 13766     | 0.297    | ug/L # | 88       |
| 17) Methyl tert-butyl Ether   | 3.364  | 73    | 40292     | 1.348    | ug/L   | 96       |
| 18) trans-1,2-Dichloroethene  | 3.332  | 96    | 12695     | 0.880    | ug/L   | 85       |
| 19) 1,1-Dichloroethane        | 3.846  | 63    | 8424      | 0.317    | ug/L   | 95       |
| 22) cis-1,2-Dichloroethene    | 4.650  | 96    | 120963    | 7.607    | ug/L   | 92       |
| 33) Benzene                   | 5.759  | 78    | 298821    | 4.786    | ug/L   | 100      |
| 42) Toluene                   | 7.962  | 91    | 73892     | 1.118    | ug/L   | 99       |
| 51) Chlorobenzene             | 9.434  | 112   | 25488293m | 607.981  | ug/L   |          |
| 52) Ethylbenzene              | 9.566  | 91    | 12614     | 0.186    | ug/L   | 84       |
| 53) m,p-Xylene                | 9.688  | 106   | 13589     | 0.522    | ug/L   | 90       |
| 54) o-Xylene                  | 10.097 | 106   | 7531      | 0.305    | ug/L   | 98       |
| 62) 1,3,5-Trimethylbenzene    | 11.084 | 105   | 7527      | 0.145    | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 11.463 | 105   | 20541     | 0.414    | ug/L   | 99       |
| 64) 1,3-Dichlorobenzene       | 11.740 | 146   | 30065     | 0.903    | ug/L   | 99       |
| 65) 1,4-Dichlorobenzene       | 11.827 | 146   | 270616    | 7.894    | ug/L   | 99       |
| 67) 1,2-Dichlorobenzene       | 12.203 | 146   | 218877    | 6.983    | ug/L   | 96       |
| -----                         |        |       |           |          |        |          |

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Response via : Initial Calibration

| Compound                                                             | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|----------------------------------------------------------------------|------|------|----------|------|-------|----------|
| -----                                                                |      |      |          |      |       |          |
| (#)=qualifier out of range (m)=manual integration (+)=signals summed |      |      |          |      |       |          |

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