

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_U\Data\VU120922\  
 Data File : VU052333.D  
 Acq On : 10 Dec 2022 03:59  
 Operator : JC/MD  
 Sample : N5930-10  
 Misc : 25.0mL/MSVOA\_U/WATER  
 ALS Vial : 48 Sample Multiplier: 1

Instrument :  
 MSVOA\_U  
 ClientSampleId :  
 EXZ94

Quant Time: Dec 10 04:16:53 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_U\Method\SFAMUTR111822WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Thu Dec 08 04:19:43 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon  | Response | Conc     | Units  | Dev(Min) |
|-------------------------------|--------|-------|----------|----------|--------|----------|
| -----                         |        |       |          |          |        |          |
| Internal Standards            |        |       |          |          |        |          |
| 1) 1,4-Difluorobenzene        | 6.247  | 114   | 237431   | 5.000    | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 9.414  | 117   | 243732   | 5.000    | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.809 | 152   | 128311   | 5.000    | ug/L   | 0.00     |
|                               |        |       |          |          |        |          |
| System Monitoring Compounds   |        |       |          |          |        |          |
| 4) Vinyl Chloride-d3          | 1.600  | 65    | 117330   | 5.080    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 40 - 130 | Recovery | =      | 101.600% |
| 7) Chloroethane-d5            | 1.916  | 69    | 76378    | 4.258    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 130 | Recovery | =      | 85.200%  |
| 11) 1,1-Dichloroethene-d2     | 2.568  | 65    | 34512    | 4.169    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 125 | Recovery | =      | 83.400%  |
| 20) 2-Butanone-d5             | 4.639  | 46    | 268008   | 64.021   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 40 - 130 | Recovery | =      | 128.040% |
| 24) Chloroform-d              | 5.063  | 84    | 153713   | 4.530    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 90.600%  |
| 26) 1,2-Dichloroethane-d4     | 5.700  | 65    | 82279    | 4.800    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 96.000%  |
| 32) Benzene-d6                | 5.726  | 84    | 320448   | 4.429    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 125 | Recovery | =      | 88.600%  |
| 36) 1,2-Dichloropropane-d6    | 6.687  | 67    | 105849   | 4.727    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 60 - 140 | Recovery | =      | 94.600%  |
| 41) Toluene-d8                | 7.896  | 98    | 255516   | 3.903    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 70 - 130 | Recovery | =      | 78.000%  |
| 43) trans-1,3-Dichloroprop... | 8.176  | 79    | 36142    | 4.429    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 55 - 130 | Recovery | =      | 88.600%  |
| 46) 2-Hexanone-d5             | 8.632  | 63    | 177215   | 51.244   | ug/L   | 0.00     |
| Spiked Amount                 | 50.000 | Range | 45 - 130 | Recovery | =      | 102.480% |
| 56) 1,1,2,2-Tetrachloroeth... | 10.751 | 84    | 100861   | 5.195    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 65 - 120 | Recovery | =      | 103.800% |
| 66) 1,2-Dichlorobenzene-d4    | 12.188 | 152   | 117072   | 4.766    | ug/L   | 0.00     |
| Spiked Amount                 | 5.000  | Range | 80 - 120 | Recovery | =      | 95.400%  |
|                               |        |       |          |          |        |          |
| Target Compounds              |        |       |          |          |        |          |
| 5) Vinyl chloride             | 1.607  | 62    | 3554037  | 137.639  | ug/L   | 98       |
| 8) Chloroethane               | 1.938  | 64    | 128696   | 8.015    | ug/L   | 93       |
| 9) Trichlorofluoromethane     | 2.144  | 101   | 3624     | 0.128    | ug/L   | 90       |
| 12) 1,1-Dichloroethene        | 2.584  | 96    | 139563   | 8.103    | ug/L # | 78       |
| 18) trans-1,2-Dichloroethene  | 3.356  | 96    | 94870    | 5.138    | ug/L   | 97       |
| 19) 1,1-Dichloroethane        | 3.870  | 63    | 8147015  | 244.830  | ug/L   | 99       |
| 22) cis-1,2-Dichloroethene    | 4.665  | 96    | 13527514 | 698.122  | ug/L   | 95       |
| 27) 1,2-Dichloroethane        | 5.793  | 62    | 34643    | 1.677    | ug/L   | 95       |
| 29) 1,1,1-Trichloroethane     | 5.314  | 97    | 3008756  | 111.264  | ug/L   | 99       |
| 30) Cyclohexane               | 5.385  | 56    | 5413     | 0.206    | ug/L   | 96       |
| 33) Benzene                   | 5.774  | 78    | 66658    | 0.840    | ug/L   | 100      |
| 34) Trichloroethene           | 6.539  | 95    | 26722    | 1.351    | ug/L   | 95       |
| 35) Methylcyclohexane         | 6.758  | 83    | 17052    | 0.599    | ug/L   | 94       |
| 42) Toluene                   | 7.967  | 91    | 610871   | 7.487    | ug/L   | 98       |
| 45) 1,1,2-Trichloroethane     | 8.398  | 97    | 6809     | 0.441    | ug/L   | 93       |
| 47) Tetrachloroethene         | 8.552  | 164   | 11114    | 0.733    | ug/L   | 91       |
| 52) Ethylbenzene              | 9.565  | 91    | 111115   | 1.401    | ug/L   | 99       |
| 53) m,p-Xylene                | 9.690  | 106   | 12480    | 0.406    | ug/L   | 98       |
| 54) o-Xylene                  | 10.098 | 106   | 27407    | 0.931    | ug/L   | 90       |

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Quant Title : TRACE VOA SFAM1.0  
QLast Update : Thu Dec 08 04:19:43 2022  
Response via : Initial Calibration

| Compound                   | R.T.   | QIon | Response | Conc  | Units | Dev(Min) |
|----------------------------|--------|------|----------|-------|-------|----------|
| 60) Isopropylbenzene       | 10.481 | 105  | 83659    | 1.038 | ug/L  | 99       |
| 62) 1,3,5-Trimethylbenzene | 11.086 | 105  | 35986    | 0.559 | ug/L  | 98       |
| 63) 1,2,4-Trimethylbenzene | 11.465 | 105  | 172685   | 2.700 | ug/L  | 98       |
| 67) 1,2-Dichlorobenzene    | 12.208 | 146  | 32597    | 0.823 | ug/L  | 98       |

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

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