

Data Path : Z:\voasrv\HPCHEM1\MSVOA\_V\Data\VV081222\  
 Data File : VV027285.D  
 Acq On : 11 Aug 2022 17:31  
 Operator : SY/MD  
 Sample : VSTD0.507  
 Misc : 25.0mL/MSVOA\_V/WATER  
 ALS Vial : 1 Sample Multiplier: 1

Instrument :  
 MSVOA\_V  
 ClientSampleId :  
 VSTD0.5207

Manual Integrations  
 APPROVED

Reviewed By :Semsettin Yesilyurt 08/12/2022  
 Supervised By :Mahesh Dadoda 08/14/2022

Quant Time: Aug 12 01:42:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Aug 12 01:38:17 2022  
 Response via : Initial Calibration

| Compound                      | R.T.   | QIon | Response | Conc  | Units  | Dev(Min) |
|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| Internal Standards            |        |      |          |       |        |          |
| 1) 1,4-Difluorobenzene        | 5.613  | 114  | 157321   | 5.000 | ug/L   | 0.00     |
| 28) Chlorobenzene-d5          | 8.850  | 117  | 162742   | 5.000 | ug/L   | 0.00     |
| 58) 1,4-Dichlorobenzene-d4    | 11.249 | 152  | 74520    | 5.000 | ug/L   | 0.00     |
| System Monitoring Compounds   |        |      |          |       |        |          |
| 4) Vinyl Chloride-d3          | 1.301  | 65   | 6309     | 0.462 | ug/L   | 0.00     |
| 7) Chloroethane-d5            | 1.561  | 69   | 5060     | 0.510 | ug/L   | 0.00     |
| 11) 1,1-Dichloroethene-d2     | 2.101  | 63   | 12187    | 0.492 | ug/L   | 0.00     |
| 20) 2-Butanone-d5             | 3.934  | 46   | 8864m    | 3.536 | ug/L   | 0.05     |
| 24) Chloroform-d              | 4.346  | 84   | 11597    | 0.463 | ug/L   | 0.00     |
| 26) 1,2-Dichloroethane-d4     | 5.040  | 65   | 5553     | 0.465 | ug/L   | 0.00     |
| 32) Benzene-d6                | 5.053  | 84   | 20984    | 0.437 | ug/L   | 0.00     |
| 36) 1,2-Dichloropropane-d6    | 6.076  | 67   | 6737m    | 0.427 | ug/L   | 0.00     |
| 41) Toluene-d8                | 7.320  | 98   | 17737    | 0.404 | ug/L   | 0.00     |
| 43) trans-1,3-Dichloroprop... | 7.632  | 79   | 2163     | 0.421 | ug/L   | 0.00     |
| 46) 2-Hexanone-d5             | 8.101  | 63   | 6830     | 3.433 | ug/L   | 0.01     |
| 56) 1,1,2,2-Tetrachloroeth... | 10.217 | 84   | 5038     | 0.469 | ug/L   | 0.00     |
| 66) 1,2-Dichlorobenzene-d4    | 11.625 | 152  | 6376     | 0.496 | ug/L   | 0.00     |
| Target Compounds              |        |      |          |       |        |          |
|                               |        |      |          |       |        | Qvalue   |
| 2) Dichlorodifluoromethane    | 1.124  | 85   | 11201    | 0.599 | ug/L   | 96       |
| 3) Chloromethane              | 1.237  | 50   | 10534    | 0.563 | ug/L   | 99       |
| 5) Vinyl chloride             | 1.304  | 62   | 10573    | 0.606 | ug/L   | 96       |
| 6) Bromomethane               | 1.516  | 94   | 4690     | 0.576 | ug/L   | 95       |
| 8) Chloroethane               | 1.577  | 64   | 5543     | 0.572 | ug/L   | 92       |
| 9) Trichlorofluoromethane     | 1.748  | 101  | 13242    | 0.569 | ug/L   | 95       |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.111  | 101  | 6387     | 0.584 | ug/L   | 95       |
| 12) 1,1-Dichloroethene        | 2.111  | 96   | 6466     | 0.571 | ug/L   | 89       |
| 13) Acetone                   | 2.169  | 43   | 9222m    | 5.171 | ug/L   |          |
| 14) Carbon disulfide          | 2.285  | 76   | 26267    | 0.579 | ug/L   | 100      |
| 15) Methyl Acetate            | 2.436  | 43   | 2361     | 0.567 | ug/L # | 83       |
| 16) Methylene chloride        | 2.500  | 84   | 14151    | 0.778 | ug/L   | 95       |
| 17) Methyl tert-butyl Ether   | 2.764  | 73   | 13995    | 0.529 | ug/L   | 98       |
| 18) trans-1,2-Dichloroethene  | 2.757  | 96   | 8074     | 0.579 | ug/L   | 98       |
| 19) 1,1-Dichloroethane        | 3.182  | 63   | 14654    | 0.549 | ug/L   | 97       |
| 21) 2-Butanone                | 3.999  | 43   | 10878m   | 4.968 | ug/L   |          |
| 22) cis-1,2-Dichloroethene    | 3.908  | 96   | 7475     | 0.546 | ug/L   | 100      |
| 23) Bromochloromethane        | 4.246  | 128  | 3563     | 0.556 | ug/L   | 98       |
| 25) Chloroform                | 4.375  | 83   | 15238    | 0.556 | ug/L   | 93       |
| 27) 1,2-Dichloroethane        | 5.137  | 62   | 8765     | 0.559 | ug/L   | 97       |
| 29) 1,1,1-Trichloroethane     | 4.606  | 97   | 12708    | 0.555 | ug/L   | 98       |
| 30) Cyclohexane               | 4.667  | 56   | 9447     | 0.509 | ug/L   | 99       |
| 31) Carbon tetrachloride      | 4.822  | 117  | 11136    | 0.559 | ug/L   | 97       |
| 33) Benzene                   | 5.098  | 78   | 29007    | 0.521 | ug/L   | 100      |
| 34) Trichloroethene           | 5.918  | 95   | 7591     | 0.548 | ug/L   | 93       |
| 35) Methylcyclohexane         | 6.124  | 83   | 9364     | 0.491 | ug/L   | 98       |
| 37) 1,2-Dichloropropane       | 6.175  | 63   | 6502     | 0.473 | ug/L   | 98       |
| 38) Bromodichloromethane      | 6.513  | 83   | 9458     | 0.534 | ug/L   | 100      |
| 39) cis-1,3-Dichloropropene   | 7.034  | 75   | 8059     | 0.480 | ug/L   | 92       |
| 40) 4-Methyl-2-pentanone      | 7.230  | 43   | 31610    | 4.455 | ug/L   | 100      |
| 42) Toluene                   | 7.391  | 91   | 26608    | 0.479 | ug/L   | 98       |
| 44) trans-1,3-Dichloropropene | 7.661  | 75   | 7086     | 0.482 | ug/L   | 96       |

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 VSTD0.5207

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Quant Time: Aug 12 01:42:44 2022  
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA\_V\Method\SFAMVTR081122WMA.M  
 Quant Title : TRACE VOA SFAM1.0  
 QLast Update : Fri Aug 12 01:38:17 2022  
 Response via : Initial Calibration

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|-------------------------------|--------|------|----------|-------|--------|----------|
| -----                         |        |      |          |       |        |          |
| 45) 1,1,2-Trichloroethane     | 7.847  | 97   | 5201     | 0.531 | ug/L   | 94       |
| 47) Tetrachloroethene         | 7.979  | 164  | 5898     | 0.542 | ug/L   | 95       |
| 48) 2-Hexanone                | 8.149  | 43   | 22866m   | 4.576 | ug/L   |          |
| 49) Dibromochloromethane      | 8.246  | 129  | 6041     | 0.526 | ug/L   | 90       |
| 50) 1,2-Dibromoethane         | 8.358  | 107  | 4818     | 0.553 | ug/L # | 93       |
| 51) Chlorobenzene             | 8.883  | 112  | 18804    | 0.520 | ug/L   | 97       |
| 52) Ethylbenzene              | 9.014  | 91   | 26666    | 0.478 | ug/L   | 99       |
| 53) m,p-Xylene                | 9.143  | 106  | 9334     | 0.439 | ug/L   | 96       |
| 54) o-Xylene                  | 9.545  | 106  | 9485     | 0.456 | ug/L   | 94       |
| 55) Styrene                   | 9.564  | 104  | 15239    | 0.426 | ug/L   | 88       |
| 57) 1,1,2,2-Tetrachloroethane | 10.243 | 83   | 5472     | 0.501 | ug/L   | 95       |
| 59) Bromoform                 | 9.735  | 173  | 2792     | 0.556 | ug/L # | 95       |
| 60) Isopropylbenzene          | 9.931  | 105  | 23706    | 0.505 | ug/L   | 98       |
| 61) 1,2,3-Trichloropropane    | 10.278 | 75   | 4100     | 0.571 | ug/L # | 85       |
| 62) 1,3,5-Trimethylbenzene    | 10.542 | 105  | 6877     | 0.530 | ug/L   | 97       |
| 63) 1,2,4-Trimethylbenzene    | 10.915 | 105  | 17717    | 0.476 | ug/L   | 96       |
| 64) 1,3-Dichlorobenzene       | 11.185 | 146  | 12395    | 0.528 | ug/L   | 98       |
| 65) 1,4-Dichlorobenzene       | 11.275 | 146  | 12852    | 0.545 | ug/L   | 95       |
| 67) 1,2-Dichlorobenzene       | 11.645 | 146  | 11922    | 0.546 | ug/L   | 99       |
| 68) 1,2-Dibromo-3-chloropr... | 12.432 | 75   | 882      | 0.588 | ug/L   | 98       |
| 69) 1,3,5-Trichlorobenzene    | 12.648 | 180  | 9227     | 0.546 | ug/L   | 98       |
| 70) 1,2,4-trichlorobenzene    | 13.265 | 180  | 6792     | 0.537 | ug/L   | 96       |
| 71) Naphthalene               | 13.506 | 128  | 9738     | 0.499 | ug/L # | 94       |
| 72) 1,2,3-Trichlorobenzene    | 13.747 | 180  | 6115     | 0.519 | ug/L   | 98       |
| -----                         |        |      |          |       |        |          |

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

## Manual Integrations APPROVED

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