Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU080824\
Data File : VU060349.D
Acq On : 08 Aug 2024 10:47
Operator : MD/SY
Sample : VSTD0.580
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 08 23:24:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR080824WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Aug 08 23:23:41 2024
Response via : Initial Calibration

**Instrument :**
MSVOA_U
**ClientSampleId :**
VSTD0.5080

**Manual Integrations APPROVED**

Reviewed By :Mahesh Dadoda 08/12/2024
Supervised By :Semsettin Yesilyurt 08/12/2024

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) 1,4-Difluorobenzene | 6.245 | 114 | 112706 | 5.000 | ug/L | 0.00 |
| 28) Chlorobenzene-d5 | 9.412 | 117 | 116868 | 5.000 | ug/L | 0.00 |
| 58) 1,4-Dichlorobenzene-d4 | 11.807 | 152 | 53284 | 5.000 | ug/L | 0.00 |
| System Monitoring Compounds | | | | | | |
| 4) Vinyl Chloride-d3 | 1.595 | 65 | 3924 | 0.487 | ug/L | 0.00 |
| 7) Chloroethane-d5 | 1.910 | 69 | 3696 | 0.495 | ug/L | 0.00 |
| 11) 1,1-Dichloroethene-d2 | 2.560 | 65 | 1727 | 0.539 | ug/L | 0.00 |
| 20) 2-Butanone-d5 | 4.676 | 46 | 7583m | 4.110 | ug/L | 0.04 |
| 24) Chloroform-d | 5.058 | 84 | 7827 | 0.467 | ug/L | 0.00 |
| 26) 1,2-Dichloroethane-d4 | 5.705 | 65 | 3724 | 0.481 | ug/L | 0.00 |
| 32) Benzene-d6 | 5.727 | 84 | 15187 | 0.477 | ug/L | 0.00 |
| 36) 1,2-Dichloropropane-d6 | 6.688 | 67 | 4736 | 0.467 | ug/L | 0.00 |
| 41) Toluene-d8 | 7.897 | 98 | 11731 | 0.405 | ug/L | 0.00 |
| 43) trans-1,3-Dichloroprop... | 8.184 | 79 | 1221 | 0.357 | ug/L | 0.00 |
| 46) 2-Hexanone-d5 | 8.637 | 63 | 5168 | 3.340 | ug/L | 0.00 |
| 56) 1,1,2,2-Tetrachloroeth... | 10.753 | 84 | 3922 | 0.440 | ug/L | 0.00 |
| 66) 1,2-Dichlorobenzene-d4 | 12.193 | 152 | 4210 | 0.433 | ug/L | 0.00 |
| Target Compounds | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.383 | 85 | 2391 | 0.297 | ug/L | 93 |
| 3) Chloromethane | 1.518 | 50 | 3356 | 0.341 | ug/L | 93 |
| 5) Vinyl chloride | 1.602 | 62 | 3991 | 0.361 | ug/L | 100 |
| 6) Bromomethane | 1.856 | 94 | 2715 | 0.371 | ug/L | 92 |
| 8) Chloroethane | 1.933 | 64 | 2961 | 0.406 | ug/L | 90 |
| 9) Trichlorofluoromethane | 2.132 | 101 | 5394 | 0.381 | ug/L | 98 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.576 | 101 | 3630 | 0.391 | ug/L | 98 |
| 12) 1,1-Dichloroethene | 2.573 | 96 | 3311 | 0.393 | ug/L | 90 |
| 13) Acetone | 2.653 | 43 | 5439m | 4.337 | ug/L | |
| 14) Carbon disulfide | 2.788 | 76 | 8243 | 0.345 | ug/L | 95 |
| 15) Methyl Acetate | 2.975 | 43 | 1108 | 0.381 | ug/L # | 67 |
| 16) Methylene chloride | 3.039 | 84 | 7118 | 0.689 | ug/L | 96 |
| 17) Methyl tert-butyl Ether | 3.364 | 73 | 7205 | 0.371 | ug/L # | 90 |
| 18) trans-1,2-Dichloroethene | 3.354 | 96 | 3159 | 0.362 | ug/L | 92 |
| 19) 1,1-Dichloroethane | 3.865 | 63 | 6612 | 0.396 | ug/L | 97 |
| 21) 2-Butanone | 4.746 | 43 | 7378m | 3.808 | ug/L | |
| 22) cis-1,2-Dichloroethene | 4.663 | 96 | 3573 | 0.364 | ug/L | 84 |
| 23) Bromochloromethane | 4.971 | 128 | 1618 | 0.339 | ug/L | 90 |
| 25) Chloroform | 5.087 | 83 | 7416 | 0.403 | ug/L | 96 |
| 27) 1,2-Dichloroethane | 5.795 | 62 | 3700 | 0.354 | ug/L | 97 |
| 29) 1,1,1-Trichloroethane | 5.315 | 97 | 5255 | 0.367 | ug/L | 95 |
| 30) Cyclohexane | 5.383 | 56 | 3705 | 0.326 | ug/L | 98 |
| 31) Carbon tetrachloride | 5.518 | 117 | 4844 | 0.391 | ug/L | 96 |
| 33) Benzene | 5.772 | 78 | 13388 | 0.354 | ug/L | 100 |
| 34) Trichloroethene | 6.540 | 95 | 3744 | 0.372 | ug/L | 94 |
| 35) Methylcyclohexane | 6.756 | 83 | 4045 | 0.310 | ug/L | 96 |
| 37) 1,2-Dichloropropane | 6.785 | 63 | 3780 | 0.367 | ug/L # | 91 |
| 38) Bromodichloromethane | 7.103 | 83 | 4671 | 0.362 | ug/L | 100 |
| 39) cis-1,3-Dichloropropene | 7.608 | 75 | 4809 | 0.357 | ug/L | 96 |
| 40) 4-Methyl-2-pentanone | 7.791 | 43 | 15371 | 3.324 | ug/L | 100 |
| 42) Toluene | 7.968 | 91 | 12986 | 0.323 | ug/L | 96 |
| 44) trans-1,3-Dichloropropene | 8.212 | 75 | 3991 | 0.352 | ug/L | 93 |

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|---|---|---|---|---|---|
| 45) 1,1,2-Trichloroethane | 8.399 | 97 | 2962 | 0.377 ug/L | 91 |
| 49) Dibromochloromethane | 8.807 | 129 | 2915 | 0.337 ug/L | 87 |
| 50) 1,2-Dibromoethane | 8.920 | 107 | 2657 | 0.374 ug/L # | 94 |
| 51) Chlorobenzene | 9.444 | 112 | 9697 | 0.368 ug/L | 96 |
| 52) Ethylbenzene | 9.566 | 91 | 13699 | 0.340 ug/L | 98 |
| 53) m,p-Xylene | 9.695 | 106 | 4615 | 0.296 ug/L | 86 |
| 54) o-Xylene | 10.097 | 106 | 4375 | 0.293 ug/L | 95 |
| 55) Styrene | 10.116 | 104 | 7120 | 0.280 ug/L | 97 |
| 57) 1,1,2,2-Tetrachloroethane | 10.778 | 83 | 3708 | 0.383 ug/L # | 86 |
| 59) Bromoform | 10.290 | 173 | 1828 | 0.383 ug/L # | 92 |
| 60) Isopropylbenzene | 10.479 | 105 | 12357 | 0.359 ug/L | 98 |
| 61) 1,2,3-Trichloropropane | 10.823 | 75 | 2390 | 0.427 ug/L | 90 |
| 62) 1,3,5-Trimethylbenzene | 11.084 | 105 | 8459 | 0.321 ug/L | 95 |
| 63) 1,2,4-Trimethylbenzene | 11.466 | 105 | 8012 | 0.313 ug/L | 96 |
| 64) 1,3-Dichlorobenzene | 11.743 | 146 | 6818 | 0.371 ug/L | 96 |
| 65) 1,4-Dichlorobenzene | 11.833 | 146 | 7480 | 0.397 ug/L | 97 |
| 67) 1,2-Dichlorobenzene | 12.212 | 146 | 6523 | 0.370 ug/L | 95 |
| 68) 1,2-Dibromo-3-chloropr... | 12.990 | 75 | 330 | 0.301 ug/L # | 76 |
| 69) 1,3,5-Trichlorobenzene | 13.219 | 180 | 5159 | 0.372 ug/L | 97 |
| 70) 1,2,4-trichlorobenzene | 13.842 | 180 | 3861 | 0.362 ug/L | 92 |
| 71) Naphthalene | 14.096 | 128 | 4703m | 0.308 ug/L | |
| 72) 1,2,3-Trichlorobenzene | 14.331 | 180 | 3563 | 0.373 ug/L | 96 |

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

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