Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU030221\
Data File : VU042472.D
Acq On : 02 Mar 2021 15:47
Operator : SY/MD
Sample : VSTD01003
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

**Instrument :** MSVOA_U
**ClientSampleId :** VSTD01003

Quant Time: Mar 03 15:45:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SOMUTR030221WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Mar 03 15:42:33 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Difluorobenzene | 6.259 | 114 | 97149 | 5.00 | ug/L | | 0.00 |
| 28) Chlorobenzene-d5 | 9.423 | 117 | 96840 | 5.00 | ug/L | | 0.00 |
| 60) 1,4-Dichlorobenzene-d4 | 11.819 | 152 | 53955 | 5.00 | ug/L | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) Vinyl Chloride-d3 | 1.604 | 65 | 72276 | 13.13 | ug/L | | 0.00 |
| 7) Chloroethane-d5 | 1.919 | 69 | 54488 | 11.09 | ug/L | | 0.00 |
| 11) 1,1-Dichloroethene-d2 | 2.575 | 63 | 161080 | 11.31 | ug/L | | 0.00 |
| 20) 2-Butanone-d5 | 4.648 | 46 | 241798 | 97.34 | ug/L | | 0.00 |
| 24) Chloroform-d | 5.073 | 84 | 143736 | 10.53 | ug/L | | 0.00 |
| 26) 1,2-Dichloroethane-d4 | 5.713 | 65 | 86900 | 10.24 | ug/L | | 0.00 |
| 32) Benzene-d6 | 5.738 | 84 | 256556 | 10.12 | ug/L | | 0.00 |
| 36) 1,2-Dichloropropane-d6 | 6.700 | 67 | 84032 | 10.08 | ug/L | | 0.00 |
| 41) Toluene-d8 | 7.906 | 98 | 252338 | 10.25 | ug/L | | 0.00 |
| 43) trans-1,3-Dichloroprop... | 8.189 | 79 | 40275 | 11.40 | ug/L | | 0.00 |
| 46) 2-Hexanone-d5 | 8.642 | 63 | 196189 | 105.77 | ug/L | | 0.00 |
| 57) 1,1,2,2-Tetrachloroeth... | 10.764 | 84 | 77817 | 10.45 | ug/L | | 0.00 |
| 64) 1,2-Dichlorobenzene-d4 | 12.201 | 152 | 104691 | 10.39 | ug/L | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) Dichlorodifluoromethane | 1.388 | 85 | 95714 | 10.01 | ug/L | | 100 |
| 3) Chloromethane | 1.523 | 50 | 86659 | 10.13 | ug/L | | 99 |
| 5) Vinyl chloride | 1.607 | 62 | 87588 | 10.09 | ug/L | | 100 |
| 6) Bromomethane | 1.864 | 94 | 49375 | 9.97 | ug/L | | 99 |
| 8) Chloroethane | 1.941 | 64 | 53477 | 10.58 | ug/L | | 95 |
| 9) Trichlorofluoromethane | 2.144 | 101 | 147244 | 10.83 | ug/L | | 98 |
| 10) 1,1,2-Trichloro-1,2,2-... | 2.587 | 101 | 78000 | 10.49 | ug/L | | 98 |
| 12) 1,1-Dichloroethene | 2.587 | 96 | 70677 | 10.47 | ug/L | | 87 |
| 13) Acetone | 2.655 | 43 | 169539 | 128.18 | ug/L | | 99 |
| 14) Carbon disulfide | 2.800 | 76 | 225791 | 9.98 | ug/L | | 100 |
| 15) Methyl Acetate | 2.964 | 43 | 39581 | 11.10 | ug/L | | 97 |
| 16) Methylene chloride | 3.054 | 84 | 76356 | 9.93 | ug/L | | 98 |
| 17) Methyl tert-butyl Ether | 3.372 | 73 | 204210 | 10.55 | ug/L | | 98 |
| 18) trans-1,2-Dichloroethene | 3.362 | 96 | 74562 | 10.64 | ug/L | | 95 |
| 19) 1,1-Dichloroethane | 3.880 | 63 | 145580 | 10.53 | ug/L | | 99 |
| 21) 2-Butanone | 4.726 | 43 | 294248 | 101.34 | ug/L | | 99 |
| 22) cis-1,2-Dichloroethene | 4.677 | 96 | 80752 | 10.42 | ug/L | | 100 |
| 23) Bromochloromethane | 4.983 | 128 | 38776 | 10.74 | ug/L | | 94 |
| 25) Chloroform | 5.099 | 83 | 151553 | 10.67 | ug/L | | 98 |
| 27) 1,2-Dichloroethane | 5.803 | 62 | 114205 | 10.52 | ug/L | # | 94 |
| 29) 1,1,1-Trichloroethane | 5.327 | 97 | 136559 | 10.01 | ug/L | | 97 |
| 30) Cyclohexane | 5.398 | 56 | 138908 | 10.07 | ug/L | | 98 |
| 31) Carbon tetrachloride | 5.536 | 117 | 122268 | 10.40 | ug/L | | 100 |
| 33) Benzene | 5.783 | 78 | 306966 | 10.08 | ug/L | | 100 |
| 34) Trichloroethene | 6.549 | 95 | 83313 | 10.10 | ug/L | | 97 |
| 35) Methylcyclohexane | 6.771 | 83 | 133656 | 10.13 | ug/L | | 98 |
| 37) 1,2-Dichloropropane | 6.800 | 63 | 82897 | 10.18 | ug/L | | 98 |
| 38) Bromodichloromethane | 7.115 | 83 | 111993 | 10.17 | ug/L | | 98 |
| 39) cis-1,3-Dichloropropene | 7.616 | 75 | 127728 | 10.38 | ug/L | | 100 |
| 40) 4-Methyl-2-pentanone | 7.799 | 43 | 738186 | 100.58 | ug/L | | 97 |
| 42) Toluene | 7.976 | 91 | 343617 | 10.38 | ug/L | | 98 |
| 44) trans-1,3-Dichloropropene | 8.217 | 75 | 119245 | 10.54 | ug/L | | 99 |

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**ClientSampleId :** VSTD01003

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Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Mar 03 15:42:33 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| 45) 1,1,2-Trichloroethane | 8.407 | 97 | 62472 | 10.45 | ug/L | 96 |
| 47) Tetrachloroethene | 8.562 | 164 | 70312 | 10.28 | ug/L | 100 |
| 48) 2-Hexanone | 8.693 | 43 | 558176 | 104.38 | ug/L | 96 |
| 49) Dibromochloromethane | 8.819 | 129 | 81251 | 10.63 | ug/L | 97 |
| 50) 1,2-Dibromoethane | 8.931 | 107 | 64824 | 10.41 | ug/L | 99 |
| 51) Chlorobenzene | 9.455 | 112 | 216049 | 10.37 | ug/L | 99 |
| 52) Ethylbenzene | 9.578 | 91 | 390973 | 10.53 | ug/L | 99 |
| 53) m,p-Xylene | 9.700 | 106 | 145330 | 10.32 | ug/L | 97 |
| 54) o-Xylene | 10.108 | 106 | 141339 | 10.37 | ug/L | 97 |
| 55) Styrene | 10.121 | 104 | 245762 | 10.78 | ug/L | 99 |
| 56) Isopropylbenzene | 10.491 | 105 | 393780 | 10.58 | ug/L | 99 |
| 58) 1,1,2,2-Tetrachloroethane | 10.790 | 83 | 85440 | 10.49 | ug/L | 97 |
| 59) 1,2,3-Trichloropropane | 10.832 | 75 | 62867 | 10.02 | ug/L | 100 |
| 61) Bromoform | 10.298 | 173 | 51938 | 10.70 | ug/L | 99 |
| 62) 1,3-Dichlorobenzene | 11.754 | 146 | 190845 | 10.71 | ug/L | 99 |
| 63) 1,4-Dichlorobenzene | 11.844 | 146 | 189988 | 10.56 | ug/L | 98 |
| 65) 1,2-Dichlorobenzene | 12.221 | 146 | 185088 | 10.74 | ug/L | 99 |
| 66) 1,2-Dibromo-3-chloropr... | 13.005 | 75 | 16475 | 11.11 | ug/L | 91 |
| 67) 1,3,5-Trichlorobenzene | 13.227 | 180 | 166598 | 11.58 | ug/L | 99 |
| 68) 1,2,4-trichlorobenzene | 13.847 | 180 | 141114 | 11.92 | ug/L | 100 |
| 69) Naphthalene | 14.095 | 128 | 244630 | 13.02 | ug/L | 99 |
| 70) 1,2,3-Trichlorobenzene | 14.339 | 180 | 127627 | 11.92 | ug/L | 99 |

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

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VSTD01003

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