Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031722\
Data File : VN071354.D
Acq On : 17 Mar 2022 16:22
Operator : JC\MD
Sample : N1870-02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 12 Sample Multiplier: 1

**Instrument :**
MSVOA_N
**ClientSampleId :**
PT-VOA-WP

Quant Time: Mar 18 13:08:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N031722W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu Mar 17 06:37:08 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Bromochloromethane | 7.657 | 128 | 107943 | 30.000 | ug/l | 0.00 |
| 28) 1,4-Difluorobenzene | 8.963 | 114 | 609059 | 30.000 | ug/l | 0.00 |
| 57) Chlorobenzene-d5 | 11.739 | 117 | 545616 | 30.000 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 27) 1,2-Dichloroethane-d4 | 8.433 | 65 | 259053 | 30.228 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 91 - 110 | | Recovery = 100.767% | | | |
| 60) 4-Bromofluorobenzene | 12.727 | 95 | 248986 | 29.538 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 63 - 112 | | Recovery = 98.467% | | | |
| 63) Toluene-d8 | 10.439 | 98 | 761844 | 30.353 | ug/l | 0.00 |
| Spiked Amount 30.000 | Range 91 - 112 | | Recovery = 101.167% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 2.299 | 50 | 597989 | 64.220 | ug/l | 95 |
| 7) Trichlorofluoromethane | 3.375 | 101 | 839765 | 77.869 | ug/l | 96 |
| 15) Acetone | 4.281 | 58 | 62731 | 48.464 | ug/l | 99 |
| 18) Methylene Chloride | 5.098 | 84 | 730670 | 97.102 | ug/l | 91 |
| 19) trans-1,2-Dichloroethene | 5.598 | 96 | 642925 | 99.123 | ug/l | 87 |
| 21) 1,1-Dichloroethane | 6.387 | 63 | 1788873 | 131.336 | ug/l | 99 |
| 22) cis-1,2-Dichloroethene | 7.322 | 96 | 996067 | 126.694 | ug/l | 96 |
| 24) Methyl tert-Butyl Ether | 5.616 | 73 | 2829629 | 120.135 | ug/l | 95 |
| 25) Chloroform | 7.816 | 83 | 595189 | 45.500 | ug/l | 99 |
| 30) 2-Butanone | 7.334 | 43 | 1136387 | 163.734 | ug/l | 94 |
| 32) 1,1,1-Trichloroethane | 8.016 | 97 | 929325 | 81.306 | ug/l | 97 |
| 34) Benzene | 8.457 | 78 | 577076 | 19.021 | ug/l | 97 |
| 36) 1,2-Dichloroethane | 8.528 | 62 | 1396509 | 128.893 | ug/l | 98 |
| 37) Trichloroethene | 9.216 | 130 | 610186 | 84.399 | ug/l | 98 |
| 39) 1,2-Dichloropropane | 9.486 | 63 | 229091 | 28.485 | ug/l | 97 |
| 41) Bromodichloromethane | 9.757 | 83 | 862127 | 84.042 | ug/l | 94 |
| 48) t-1,3-Dichloropropene | 10.716 | 75 | 988975 | 88.512 | ug/l | 100 |
| 49) cis-1,3-Dichloropropene | 10.186 | 75 | 1031705 | 85.400 | ug/l | 93 |
| 50) 1,1,2-Trichloroethane | 10.898 | 97 | 954163 | 128.788 | ug/l | 97 |
| 54) 1,2-Dibromoethane | 11.345 | 107 | 798039 | 103.883 | ug/l | 97 |
| 56) Bromoform | 12.457 | 173 | 520550 | 87.391 | ug/l # | 100 |
| 61) Tetrachloroethene | 10.975 | 164 | 594378 | 99.860 | ug/l | 93 |
| 62) Toluene | 10.504 | 91 | 758469 | 24.313 | ug/l | 97 |
| 65) 1,1,1,2-Tetrachloroethane | 11.839 | 131 | 447145 | 63.702 | ug/l | 100 |
| 66) Ethyl Benzene | 11.839 | 91 | 2097850 | 61.023 | ug/l | 99 |
| 67) m/p-Xylenes | 11.951 | 106 | 282453 | 21.864 | ug/l | 99 |
| 68) o-Xylene | 12.274 | 106 | 273479 | 21.032 | ug/l | 100 |
| 76) 1,3,5-Trimethylbenzene | 13.057 | 105 | 540448 | 20.702 | ug/l | 96 |
| 80) 1,2,4-Trimethylbenzene | 13.363 | 105 | 2483934 | 98.081 | ug/l # | 81 |
| 83) 1,3-Dichlorobenzene | 13.616 | 146 | 1232133 | 98.003 | ug/l | 99 |
| 84) 1,4-Dichlorobenzene | 13.692 | 146 | 1158242 | 96.769 | ug/l | 98 |
| 88) 1,2-Dibromo-3-Chloropr... | 14.604 | 75 | 113563 | 51.827 | ug/l | 96 |
| 89) 1,2,4-Trichlorobenzene | 15.262 | 180 | 733120 | 129.823 | ug/l | 98 |
| 91) Naphthalene | 15.504 | 128 | 1150658 | 65.100 | ug/l | 99 |

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

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