Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052121\
Data File : VX022105.D
Acq On : 21 May 2021 11:18
Operator : JC/MD
Sample : M2262-09 .2PPB MDL
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
MDL-WATER-03-QT2-2021

**Manual Integrations APPROVED**
MMDadoda
5/24/2021 3:50:13 PM

Quant Time: May 22 06:40:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051921W.M
Quant Title : SW846 8260
QLast Update : Sat May 22 06:22:48 2021
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | Dev(Min) |
|---|---|---|---|---|---|---|
| Internal Standards | | | | | | |
| 1) Pentafluorobenzene | 5.562 | 168 | 111942 | 50.00 | ug/l | 0.00 |
| 34) 1,4-Difluorobenzene | 6.769 | 114 | 213765 | 50.00 | ug/l | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 186185 | 50.00 | ug/l | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 77125 | 50.00 | ug/l | 0.00 |
| System Monitoring Compounds | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.964 | 65 | 92132 | 53.35 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 106.70% | | | |
| 35) Dibromofluoromethane | 5.391 | 113 | 70578 | 52.06 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 104.12% | | | |
| 50) Toluene-d8 | 8.653 | 98 | 269411 | 51.59 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 103.18% | | | |
| 62) 4-Bromofluorobenzene | 11.085 | 95 | 94126 | 48.77 | ug/l | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 97.54% | | | |
| Target Compounds | | | | | | Qvalue |
| 3) Chloromethane | 1.294 | 50 | 405 | 0.28 | ug/l # | 82 |
| 4) Vinyl Chloride | 1.374 | 62 | 349 | 0.22 | ug/l # | 43 |
| 5) Bromomethane | 1.611 | 94 | 313 | 0.35 | ug/l # | 42 |
| 6) Chloroethane | 1.697 | 64 | 240 | 0.26 | ug/l # | 43 |
| 9) 1,1,2-Trichlorotrifluo... | 2.325 | 101 | 334 | 0.25 | ug/l # | 51 |
| 10) Methyl Iodide | 2.459 | 142 | 401 | 0.28 | ug/l # | 84 |
| 11) Tert butyl alcohol | 2.953 | 59 | 777 | 1.97 | ug/l # | 91 |
| 12) 1,1-Dichloroethene | 2.325 | 96 | 260 | 0.20 | ug/l | 83 |
| 13) Acrolein | 2.233 | 56 | 287 | 1.10 | ug/l # | 59 |
| 14) Allyl chloride | 2.654 | 41 | 564 | 0.24 | ug/l # | 34 |
| 15) Acrylonitrile | 3.069 | 53 | 568 | 0.73 | ug/l # | 78 |
| 16) Acetone | 2.386 | 43 | 1012 | 1.35 | ug/l # | 78 |
| 17) Carbon Disulfide | 2.508 | 76 | 841 | 0.25 | ug/l # | 75 |
| 18) Methyl Acetate | 2.709 | 43 | 575 | 0.29 | ug/l # | 47 |
| 20) Methylene Chloride | 2.788 | 84 | 628 | 0.38 | ug/l # | 86 |
| 23) Vinyl Acetate | 3.733 | 43 | 3374 | 0.77 | ug/l | 97 |
| 25) 2-Butanone | 4.568 | 43 | 1093 | 0.90 | ug/l # | 83 |
| 29) Tetrahydrofuran | 5.013 | 42 | 752m | 1.04 | ug/l | |
| 39) Methylcyclohexane | 7.367 | 83 | 463 | 0.21 | ug/l # | 19 |
| 42) 1,2-Dichloroethane | 6.086 | 62 | 465 | 0.22 | ug/l # | 73 |
| 43) Isopropyl Acetate | 6.348 | 43 | 807 | 0.20 | ug/l # | 57 |
| 48) Methyl methacrylate | 7.696 | 41 | 416 | 0.23 | ug/l # | 81 |
| 49) 1,4-Dioxane | 7.696 | 88 | 19 | 0.53 | ug/l # | 1 |
| 51) 4-Methyl-2-Pentanone | 8.580 | 43 | 1913 | 0.81 | ug/l # | 84 |
| 58) 2-Chloroethyl Vinyl ether | 8.244 | 63 | 1001 | 0.73 | ug/l | 91 |
| 59) 2-Hexanone | 9.433 | 43 | 1373 | 0.77 | ug/l | 75 |
| 68) m/p-Xylenes | 10.311 | 106 | 959 | 0.36 | ug/l | 84 |
| 76) 1,2,3-Trichloropropane | 11.250 | 75 | 454m | 0.24 | ug/l | |
| 88) 1,4-Dichlorobenzene | 12.043 | 146 | 631m | 0.23 | ug/l | |

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

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