Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111022\
Data File : VX032740.D
Acq On : 10 Nov 2022 19:47
Operator : JC/MD
Sample : N5565-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 24 Sample Multiplier: 1

**Instrument :**
MSVOA_X
**ClientSampleId :**
221109054-02-VOA

Quant Time: Nov 11 00:38:43 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X102622W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 27 08:28:06 2022
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) Pentafluorobenzene | 5.556 | 168 | 119024 | 50.000 | ug/l | | 0.00 |
| 34) 1,4-Difluorobenzene | 6.763 | 114 | 192468 | 50.000 | ug/l | | 0.00 |
| 63) Chlorobenzene-d5 | 10.055 | 117 | 173304 | 50.000 | ug/l | | 0.00 |
| 72) 1,4-Dichlorobenzene-d4 | 12.024 | 152 | 84648 | 50.000 | ug/l | | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 33) 1,2-Dichloroethane-d4 | 5.958 | 65 | 85455 | 51.672 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 78 - 117 | | Recovery = 103.340% | | | | |
| 35) Dibromofluoromethane | 5.385 | 113 | 64907 | 47.278 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 75 - 124 | | Recovery = 94.560% | | | | |
| 50) Toluene-d8 | 8.653 | 98 | 239321 | 50.132 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 92 - 112 | | Recovery = 100.260% | | | | |
| 62) 4-Bromofluorobenzene | 11.079 | 95 | 94454 | 50.652 | ug/l | | 0.00 |
| Spiked Amount 50.000 | Range 83 - 123 | | Recovery = 101.300% | | | | |
| Target Compounds | | | | | | | Qvalue |
| 4) Vinyl Chloride | 1.374 | 62 | 423 | 0.331 | ug/l | | 91 |
| 11) Tert butyl alcohol | 2.971 | 59 | 943538 | 3919.809 | ug/l | | 99 |
| 13) Acrolein | 2.239 | 56 | 392 | 1.631 | ug/l | # | 73 |
| 16) Acetone | 2.380 | 43 | 228416 | 380.008 | ug/l | | 97 |
| 17) Carbon Disulfide | 2.514 | 76 | 16491 | 5.800 | ug/l | | 98 |
| 18) Methyl Acetate | 2.703 | 43 | 3717 | 1.902 | ug/l | | 99 |
| 19) Methyl tert-butyl Ether | 3.111 | 73 | 10428 | 2.486 | ug/l | | 97 |
| 25) 2-Butanone | 4.562 | 43 | 469114 | 503.748 | ug/l | | 94 |
| 29) Tetrahydrofuran | 5.007 | 42 | 239954 | 404.084 | ug/l | | 99 |
| 37) Ethyl Acetate | 4.714 | 43 | 20273 | 10.187 | ug/l | # | 78 |
| 40) Benzene | 6.037 | 78 | 20121 | 3.719 | ug/l | | 98 |
| 43) Isopropyl Acetate | 6.342 | 43 | 3645 | 1.193 | ug/l | # | 90 |
| 44) Trichloroethene | 7.123 | 130 | 412 | 0.271 | ug/l | | 86 |
| 49) 1,4-Dioxane | 7.677 | 88 | 2570 | 85.457 | ug/l | # | 75 |
| 51) 4-Methyl-2-Pentanone | 8.574 | 43 | 21473 | 11.157 | ug/l | | 95 |
| 52) Toluene | 8.720 | 92 | 18660 | 5.287 | ug/l | | 96 |
| 59) 2-Hexanone | 9.433 | 43 | 3357 | 2.351 | ug/l | | 90 |
| 65) Chlorobenzene | 10.085 | 112 | 6098 | 1.571 | ug/l | | 91 |
| 67) Ethyl Benzene | 10.195 | 91 | 62147 | 8.952 | ug/l | | 99 |
| 68) m/p-Xylenes | 10.299 | 106 | 22249 | 8.254 | ug/l | | 100 |
| 69) o-Xylene | 10.646 | 106 | 14733 | 5.621 | ug/l | | 97 |
| 73) Isopropylbenzene | 10.963 | 105 | 6233 | 0.929 | ug/l | | 95 |
| 78) n-propylbenzene | 11.305 | 91 | 4126 | 0.534 | ug/l | | 97 |
| 79) 2-Chlorotoluene | 11.366 | 91 | 2333 | 0.504 | ug/l | | 76 |
| 80) 1,3,5-Trimethylbenzene | 11.451 | 105 | 4045 | 0.706 | ug/l | | 95 |
| 84) 1,2,4-Trimethylbenzene | 11.756 | 105 | 16277 | 2.855 | ug/l | | 95 |
| 86) p-Isopropyltoluene | 12.012 | 119 | 11324 | 1.938 | ug/l | | 93 |
| 88) 1,4-Dichlorobenzene | 12.042 | 146 | 12373 | 3.845 | ug/l | | 94 |
| 91) 1,2-Dichlorobenzene | 12.335 | 146 | 985 | 0.322 | ug/l | | 95 |
| 95) Naphthalene | 13.774 | 128 | 247524 | 37.248 | ug/l | | 99 |

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

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