Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN031623\
Data File : BN024305.D
Acq On : 16 Mar 2023 10:38
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 17 04:40:25 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 04:37:08 2023
Response via : Initial Calibration

**Instrument :**
BNA_N
**ClientSampleId :**
SSTDCCC0.4

**Manual Integrations APPROVED**
Reviewed By :Christian Giraldo 03/17/2023
Supervised By :Jagrut Upadhyay 03/17/2023

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03/17/2023

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 8.040 | 152 | 10741 | 0.400 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.855 | 136 | 30758 | 0.400 | ng | # | 0.00 |
| 13) Acenaphthene-d10 | 14.675 | 164 | 14309 | 0.400 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 17.413 | 188 | 27757 | 0.400 | ng | # | 0.00 |
| 29) Chrysene-d12 | 21.601 | 240 | 19280 | 0.400 | ng | # | 0.00 |
| 35) Perylene-d12 | 24.114 | 264 | 14015 | 0.400 | ng | # | 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 5.577 | 112 | 10495 | 0.441 | ng | | 0.00 |
| 5) Phenol-d6 | 7.188 | 99 | 13432 | 0.440 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 9.200 | 82 | 8733 | 0.425 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 12.440 | 152 | 13474 | 0.356 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 16.159 | 330 | 2514 | 0.344 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 13.307 | 172 | 21653 | 0.401 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 19.446 | 212 | 20702 | 0.352 | ng | | 0.00 |
| 31) Terphenyl-d14 | 20.033 | 244 | 11738 | 0.361 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 3.439 | 88 | 4698 | 0.402 | ng | | 93 |
| 3) n-Nitrosodimethylamine | 3.764 | 42 | 7670 | 0.448 | ng | | 93 |
| 6) bis(2-Chloroethyl)ether | 7.455 | 93 | 12501 | 0.412 | ng | | 96 |
| 9) Naphthalene | 10.909 | 128 | 30255 | 0.387 | ng | | 100 |
| 10) Hexachlorobutadiene | 11.197 | 225 | 5668 | 0.382 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 12.512 | 142 | 19011 | 0.360 | ng | | 99 |
| 16) Acenaphthylene | 14.397 | 152 | 25120 | 0.370 | ng | | 100 |
| 17) Acenaphthene | 14.739 | 154 | 16314 | 0.378 | ng | | 97 |
| 18) Fluorene | 15.712 | 166 | 17930 | 0.347 | ng | | 99 |
| 20) 4,6-Dinitro-2-methylph... | 15.787 | 198 | 1049 | 0.381 | ng | | 98 |
| 21) 4-Bromophenyl-phenylether | 16.606 | 248 | 5978 | 0.362 | ng | # | 84 |
| 22) Hexachlorobenzene | 16.730 | 284 | 7723 | 0.381 | ng | | 97 |
| 23) Atrazine | 16.867 | 200 | 3999 | 0.382 | ng | # | 92 |
| 24) Pentachlorophenol | 17.065 | 266 | 2543 | 0.335 | ng | | 98 |
| 25) Phenanthrene | 17.462 | 178 | 31885 | 0.388 | ng | | 100 |
| 26) Anthracene | 17.549 | 178 | 27302 | 0.360 | ng | | 100 |
| 28) Fluoranthene | 19.475 | 202 | 32405 | 0.360 | ng | | 99 |
| 30) Pyrene | 19.838 | 202 | 32260 | 0.413 | ng | | 100 |
| 32) Benzo(a)anthracene | 21.583 | 228 | 24119 | 0.375 | ng | | 98 |
| 33) Chrysene | 21.646 | 228 | 26833 | 0.391 | ng | | 100 |
| 34) Bis(2-ethylhexyl)phtha... | 21.502 | 149 | 10896 | 0.360 | ng | | 98 |
| 36) Indeno(1,2,3-cd)pyrene | 26.740 | 276 | 18979 | 0.362 | ng | | 96 |
| 37) Benzo(b)fluoranthene | 23.342 | 252 | 21421 | 0.393 | ng | | 97 |
| 38) Benzo(k)fluoranthene | 23.395 | 252 | 22203m | 0.395 | ng | | |
| 39) Benzo(a)pyrene | 23.997 | 252 | 18330 | 0.367 | ng | | 96 |
| 40) Dibenzo(a,h)anthracene | 26.760 | 278 | 14233 | 0.350 | ng | | 96 |
| 41) Benzo(g,h,i)perylene | 27.555 | 276 | 18262 | 0.385 | ng | | 96 |

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

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