Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
Data File : BN013146.D
Acq On : 15 Dec 2020 16:16
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** ICVBN121620

Quant Time: Dec 15 17:52:18 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 15 16:49:20 2020
Response via : Initial Calibration

| Compound | R.T. | QIon | Response | Conc | Units | | Dev(Min) |
|---|---|---|---|---|---|---|---|
| Internal Standards | | | | | | | |
| 1) 1,4-Dichlorobenzene-d4 | 7.338 | 152 | 786 | 0.40 | ng | | -0.02 |
| 7) Naphthalene-d8 | 10.099 | 136 | 2718 | 0.40 | ng | | #-0.01 |
| 13) Acenaphthene-d10 | 14.004 | 164 | 1608 | 0.40 | ng | | -0.01 |
| 19) Phenanthrene-d10 | 16.775 | 188 | 3457 | 0.40 | ng | | # 0.00 |
| 29) Chrysene-d12 | 21.016 | 240 | 3535 | 0.40 | ng | | # 0.01 |
| 36) Perylene-d12 | 23.106 | 264 | 4090 | 0.40 | ng | | # 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 4.962 | 112 | 1396 | 0.43 | ng | | 0.00 |
| 5) Phenol-d6 | 6.541 | 99 | 1364 | 0.42 | ng | | -0.02 |
| 8) Nitrobenzene-d5 | 8.502 | 82 | 1103 | 0.39 | ng | | -0.01 |
| 11) 2-Methylnaphthalene-d10 | 11.715 | 152 | 1921 | 0.40 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.526 | 330 | 380 | 0.37 | ng | | -0.01 |
| 15) 2-Fluorobiphenyl | 12.621 | 172 | 2745 | 0.41 | ng | | -0.01 |
| 27) Fluoranthene-d10 | 18.826 | 212 | 4352 | 0.38 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.441 | 244 | 3606 | 0.40 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.933 | 88 | 507 | 0.37 | ng | # | 78 |
| 3) n-Nitrosodimethylamine | 3.263 | 42 | 878 | 0.39 | ng | # | 65 |
| 6) bis(2-Chloroethyl)ether | 6.790 | 93 | 847 | 0.42 | ng | | 89 |
| 9) Naphthalene | 10.150 | 128 | 3283 | 0.39 | ng | | 98 |
| 10) Hexachlorobutadiene | 10.429 | 225 | 731 | 0.41 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 11.791 | 142 | 2227 | 0.39 | ng | | 98 |
| 16) Acenaphthylene | 13.724 | 152 | 3331 | 0.39 | ng | | 100 |
| 17) Acenaphthene | 14.067 | 154 | 2170 | 0.41 | ng | | 92 |
| 18) Fluorene | 15.069 | 166 | 2802 | 0.40 | ng | | 100 |
| 20) 4,6-Dinitro-2-methylph... | 15.222 | 198 | 198 | 0.39 | ng | # | 1 |
| 21) 4-Bromophenyl-phenylether | 16.021 | 248 | 200 | 0.30 | ng | # | 81 |
| 22) Hexachlorobenzene | 16.082 | 284 | 926 | 0.39 | ng | | 92 |
| 23) Atrazine | 16.264 | 200 | 749 | 0.36 | ng | # | 91 |
| 24) Pentachlorophenol | 16.447 | 266 | 367 | 0.37 | ng | | 93 |
| 25) Phenanthrene | 16.812 | 178 | 4315 | 0.38 | ng | | 99 |
| 26) Anthracene | 16.909 | 178 | 3775 | 0.38 | ng | | 98 |
| 28) Fluoranthene | 18.856 | 202 | 5222 | 0.38 | ng | | 99 |
| 30) Pyrene | 19.223 | 202 | 5441 | 0.40 | ng | | 100 |
| 32) Benzo(a)anthracene | 20.995 | 228 | 4751 | 0.38 | ng | | 98 |
| 33) Chrysene | 21.048 | 228 | 5388 | 0.41 | ng | | 99 |
| 34) Bis(2-ethylhexyl)phtha... | 20.942 | 149 | 3870 | 0.34 | ng | | 97 |
| 35) Indeno(1,2,3-cd)pyrene | 25.156 | 276 | 7626 | 0.42 | ng | | 97 |
| 37) Benzo(b)fluoranthene | 22.490 | 252 | 5827 | 0.40 | ng | # | 87 |
| 38) Benzo(k)fluoranthene | 22.531 | 252 | 6438 | 0.39 | ng | # | 91 |
| 39) Benzo(a)pyrene | 23.017 | 252 | 5828 | 0.41 | ng | # | 83 |
| 40) Dibenzo(a,h)anthracene | 25.163 | 278 | 6122 | 0.39 | ng | # | 91 |
| 41) Benzo(g,h,i)perylene | 25.772 | 276 | 6873 | 0.41 | ng | # | 94 |

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

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