Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121620\
Data File : BN013169.D
Acq On : 16 Dec 2020 17:20
Operator : CG/JU
Sample : PB133531BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

**Instrument :** BNA_N
**ClientSampleId :** PB133531BS

Quant Time: Dec 17 03:06:17 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 | 7.346 | 152 | 656 | 0.40 | ng | | 0.00 |
| 7) Naphthalene-d8 | 10.112 | 136 | 2030 | 0.40 | ng | | # 0.00 |
| 13) Acenaphthene-d10 | 14.016 | 164 | 1134 | 0.40 | ng | | 0.00 |
| 19) Phenanthrene-d10 | 16.775 | 188 | 2460 | 0.40 | ng | | # 0.00 |
| 29) Chrysene-d12 | 21.006 | 240 | 2532 | 0.40 | ng | | # 0.00 |
| 36) Perylene-d12 | 23.102 | 264 | 2957 | 0.40 | ng | | # 0.00 |
| System Monitoring Compounds | | | | | | | |
| 4) 2-Fluorophenol | 4.970 | 112 | 837 | 0.31 | ng | | 0.00 |
| 5) Phenol-d6 | 6.565 | 99 | 645 | 0.24 | ng | | 0.00 |
| 8) Nitrobenzene-d5 | 8.515 | 82 | 726 | 0.35 | ng | | 0.00 |
| 11) 2-Methylnaphthalene-d10 | 11.724 | 152 | 1334 | 0.37 | ng | | 0.00 |
| 14) 2,4,6-Tribromophenol | 15.539 | 330 | 188 | 0.26 | ng | | 0.00 |
| 15) 2-Fluorobiphenyl | 12.633 | 172 | 1704 | 0.36 | ng | | 0.00 |
| 27) Fluoranthene-d10 | 18.826 | 212 | 2673 | 0.33 | ng | | 0.00 |
| 31) Terphenyl-d14 | 19.451 | 244 | 2198 | 0.34 | ng | | 0.00 |
| Target Compounds | | | | | | | Qvalue |
| 2) 1,4-Dioxane | 2.933 | 88 | 499 | 0.44 | ng | # | 60 |
| 3) n-Nitrosodimethylamine | 3.271 | 42 | 752 | 0.40 | ng | # | 76 |
| 6) bis(2-Chloroethyl)ether | 6.798 | 93 | 481 | 0.28 | ng | | 85 |
| 9) Naphthalene | 10.163 | 128 | 2178 | 0.35 | ng | # | 92 |
| 10) Hexachlorobutadiene | 10.429 | 225 | 505 | 0.38 | ng | # | 100 |
| 12) 2-Methylnaphthalene | 11.799 | 142 | 1387 | 0.33 | ng | | 94 |
| 16) Acenaphthylene | 13.724 | 152 | 2049 | 0.34 | ng | | 99 |
| 17) Acenaphthene | 14.080 | 154 | 1321 | 0.35 | ng | | 89 |
| 18) Fluorene | 15.082 | 166 | 1672 | 0.34 | ng | | 95 |
| 20) 4,6-Dinitro-2-methylph... | 15.247 | 198 | 109 | 0.35 | ng | # | 1 |
| 21) 4-Bromophenyl-phenylether | 16.021 | 248 | 264 | 0.55 | ng | | 90 |
| 22) Hexachlorobenzene | 16.082 | 284 | 611 | 0.36 | ng | | 93 |
| 23) Atrazine | 16.276 | 200 | 320 | 0.22 | ng | # | 71 |
| 24) Pentachlorophenol | 16.459 | 266 | 231 | 0.33 | ng | | 92 |
| 25) Phenanthrene | 16.824 | 178 | 2621 | 0.33 | ng | | 99 |
| 26) Anthracene | 16.921 | 178 | 2226 | 0.31 | ng | | 99 |
| 28) Fluoranthene | 18.861 | 202 | 3285 | 0.34 | ng | | 100 |
| 30) Pyrene | 19.228 | 202 | 3325 | 0.34 | ng | | 98 |
| 32) Benzo(a)anthracene | 20.995 | 228 | 3060 | 0.34 | ng | | 97 |
| 33) Chrysene | 21.048 | 228 | 3290 | 0.35 | ng | | 97 |
| 34) Bis(2-ethylhexyl)phtha... | 20.931 | 149 | 1638 | 0.10 | ng | | 98 |
| 35) Indeno(1,2,3-cd)pyrene | 25.142 | 276 | 5489 | 0.42 | ng | | 95 |
| 37) Benzo(b)fluoranthene | 22.483 | 252 | 3735 | 0.36 | ng | # | 90 |
| 38) Benzo(k)fluoranthene | 22.524 | 252 | 4299 | 0.36 | ng | # | 89 |
| 39) Benzo(a)pyrene | 23.010 | 252 | 3682 | 0.36 | ng | # | 83 |
| 40) Dibenzo(a,h)anthracene | 25.153 | 278 | 4413 | 0.39 | ng | # | 87 |
| 41) Benzo(g,h,i)perylene | 25.765 | 276 | 5067 | 0.42 | ng | # | 93 |

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

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